LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

NEW RIG MOBILIZATION BI-MOB

11/25/2025 - 02/02/2026

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088TE @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: 088TE
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (HORIZONTAL SINGLE LATERAL WATER DISPOSAL IN ARAB-C RESERVOIR)

Foreman(s): GAD, TAHA FOUAD TAHA
Engineer: ALKAHTANI, TRKY HASAN
Manager: ELDEEB, TAREK ABD ALLA

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
+882167771 1399	013 577 11 60	013 576 90 30

Last 24 hr operations
CONT. GENERAL R/U AT QTIF-798 AND WORK IN CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS.

Next 24 hr plan
CONT. GENERAL R/U AT QTIF-798 AND WORK IN CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS.

Location: 64 KM FROM DH M GATE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL PERSONNEL & DISCUSSED DAILY R/U OPERATIONS; - HIGHLIGHTED CRANE SAFETY, COMMUNICATION PROPER SIGNALS, FALL PROTECTION, PPE & SAFETY PRECAUTIONS DURING RIG UP OPERATION. - GOOD SUPERVISION ALL THE TIME FROM RIG KEY PERSONNEL. - UTILIZING HAND FREE TOOLS DURING OPERATIONS, HAND AND FINGER INJURY PREVENTION. - FLAG MAN POSITION WITH ALL HEAVY EQUIPMENT. - STOP WORK AUTHORITY IMPLEMENTATION.
0530 - 0459	23.5		PRE	M	MAIN	RU	NA	RIG					CONT. GENERAL R/U AND WORK ON CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS. - CONT. WORK ON MUD SYSTEM & SOLID CONTROL EQUIP. - SWAP KELLEY HOSE TO BACK UP HIGH PRESS LINE. - ATTEMPT TO P/T BOPE- LEAK. OPENED BONNET & OBSERVED MINOR DAMAGE ON THE SIDE PKR'S. - ATTEMPT TO P/T HIGH PRESS LINE -LEAK IN MIDAD TEST PUMP AND WAITING FOR GW-910 TEST PUMP. - INSTALL BUFFER TANK ON KOOMEY UNIT, GENERATE MOC FOR THE BUFFER TANK AND SENT TO DOECD FOR REVIEW. - PERFORM ACCUMULATOR DRILL - ANNULAR CLOSING TIME 53 SEC (30 SEC REQUIREMENT'S). FOUND LEAK IN LOWER RAM 3 POSITION / 4 WAY VALVE. - FUNCTION TEST WATER AND WASTE PIT ALARMS -OK. - CONNECT HP LINES TO MUD PUMPS. - WORKING ON CLOSING DOECD PRE-COMMENCEMENT INSPECTION FINDINGS; - REMAINING FINDINGS FOR OPS: 72 ITEMS (P-1=31, P-2=26, P-3=15), CLOSING PROGRESS 52% - REMAINING FINDINGS FOR WCEI: 7 ITEMS (P-1=7), CLOSING PROGRESS 74% - REMAINING FINDINGS FOR SAFETY: 3 ITEMS (P-1=1, P-3=2), CLOSING PROGRESS 95% - IA LPCR AUDIT - 12 ITEMS OPEN OUT OF 194. - O&OODD DIV-2 HSE ADVISOR AUDIT - 4 ITEMS OPEN. - - R/U 99% - RIG MOVED FROM GW YARD/DAMMAM TO WELL QTIF-798 ON 24 NOV 25. - RIG COMPLETED MOVE ALL RIG EQUIPMENT ON 03 DEC 25. - PERFORMED DOECD PCI FROM 01/04/2026 TO 01/8/2025, (5 DAYS). - - DAYS SINCE START MOBILIZATION: 65 DAYS.

Foreman Remarks

QTIF-798 WILL BE DRILLED AS OPEN HOLE SINGLE LATERAL WATER DISPOSAL IN ARAB-C RESERVOIR, THE WELL WILL BE COMPLETED WITH GRE LINED 4-1/2" 12.6# L-80 TUBING, BAKER SCT, ALONG WITH 7" HALLIBURTON DOWNHOLE RETRIEVABLE PACKER.
==========ERP & SAFETY REQUIREMENT==========
QTIF-798 HAS (30 PPM RER: 0, 100 PPM RER :0 M, 1/2 LFL RER 60 M, GOR: 0 SCF/BBL, H2S (%): 0.
- AS PER LPD, THIS WELL IS NOT CONSIDERED IN A POPULATED AREA
- IF WIND DIRECTION IS FROM NORTH, EVACUATION WILL BE TO THE PRIMARY SAFE STAGING AREA, SGA-3 DISTANCE: 2.5 KM.
- IF WIND DIRECTION FROM SOUTH, EVACUATION WILL BE TO SECONDARY SAFE STAGING AREA, SGA-2 DISTANCE: 3.2 KM.
- IF NO WIND, EVACUATION WILL BE TO PRIMARY SAFE STAGING AREA, SGA-3.
- RELIEF WELLS: PRIMARY QTIF-515 (SHUT-IN), SECONDARY RELIEF WELL QTIF-523 (OPERATING).
- EXISTING WELLS ON DRILLSITE NWD-4: 5 WELLS.
- WATER WELL: QTIF-935, WATER WELL FLOW METER (S/N A21034713).
- 537 CONCRETE BLOCK ON SITE.
----------SIMOPS----------
- 5 WATER DISPOSAL WELLS ON SAME WELL PAD NWD-4.

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/25/2025 - 02/02/2026

- 3 ONSTREAM WATER DISPOSAL WELLS IN DS NWD-4 (SIMOPS RE-ACTIVATED ON 1/25/2026) QTIF-785 (85 M), QTIF 661 (172 M), QTIF-526 (130 M)
- 2 SHUT-IN WELLS; QTIF-645 (50 M) SHUT IN AND STRIPPED OUT & QTIF-772 (151 M) SHUT IN
- WHIT DATED 5-SEPTEMBER
- 6-MONTHLY UT SCAN FOR QTIF-785, QTIF 661 & QTIF-526 DATED 20-NOVEMBER
- DAILY COMMUNICATION IS ESTABLISHED WITH FS
- TETRA RADIO IS PROVIDED BY FS

========== SAFETY ==========

- SAFETY DRILLS:NONE.
- HSE ALERT 1-26 ELECTRICAL FIRE IN TDS CABLES.

==========ARAMCO PERSONNEL ON LOCATION==========

- O&OODD HSE: HASSAM RAGAB #8053637 ON LOCATION SINCE 1/18/2026
- ARAMCO MATERIAL EXPEDITOR KHALID B. ALOTAIBI#8611128 ON LOC SINCE 1/17/2025.
- ARAMCO MATERIAL EXPEDITOR NAWAF AL-YAMI ##8553649 ON LOC SINCE 1/26/2025.
- ARAMCO FCT TURKI AL-MUTAIRI ID# 791145 ON LOCATION F/ 1/17/2026.

========== SERVICE COMPANY & RENTAL TOOLS ==========

- RAWABI SAFETY H2S SENSORS & TECH ON LOCATION SINCE 09 DEC 25.
- BAKER MUD ENG ON LOCATION FROM 16 DEC 25.
- 5 RAW WTR TANKERS ON LOC FROM UTECORP SINCE 1/13/2026

==========DRILLING MUD RECYCLING==========

- NONE.

==========ARAMCO VEHICLE ==========

- ARAMCO CAR# B889 NEXT INSPECTION 15 MAR 26.

==========DRILLING MUD RECYCLING==========

- TOTAL MUD RECEIVED: 1500 BBL WBM TOTAL MUD SHIPPED: 0 BBLS

==========NEXT LOCATION==========

- NEXT WELL: QTIF-622 (WS NWD-51)
- WATER WELL: NO
- APPROVED PROGRAM : NO
- APPROVED ERP : NO
- LOCATION READINESS : 70%

==========2ND NEXT LOCATION==========

- NEXT WELL: QTIF-624 (WS NWD-51)
- WATER WELL: NO
- APPROVED PROGRAM : NO
- APPROVED ERP : NO
- LOCATION READINESS : 60%

========== RIG VISIT ==========

- MATTHEW WINSTANLEY GW SUPT ON LOCATION SINCE 25 TH DEC.
- AHMED A. HALIM GW HSE SUPT ON LOCATION SINCE 1/10/2026.
- PETER GHENU GW HSE MANAGER VISITED LOCATION TO FOLLOW UP ON OPEN ITEMS.
- FLOYED PITTMAN GW OPERATION MANAGER VISITED LOCATION TO FOLLOW UP ON OPEN ITEMS.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	4,311	N/A

PERSONNEL AND SERVICES INFORMATION

Company	PCS	RIG	BDF	RUE	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	WSC
No. of Persons	16	52	1	1	27	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	12	24

Total 100

TRUCKS/BOATS

Standby/Tankers
B-889

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	109	N/A	N/A	4050

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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MNIF-191 WORKOVER-4 BI-60

11/01/2025 - 02/01/2026

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095TE @ MNIF-191 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: 095TE
Well: MNIF-191
Wellbores: (0-1-1-1) MNIF_191_3

Charge #: (71-25026-0191)
Wellbores: (0-1-1-1) MNIF_191_3

Objective : (SIDETRACK THE WELL AS A SINGLE LATERAL ACROSS MNIF RESERVOIR.)

Foreman(s): ELTAHAN, REDA IBRAHIM / MOMEN, JAFAR ABDULKAREEM
Engineer: ALGHAMDI, MOHAMMED SALEH / GRATIA, PAOLO ILHAM
Manager: MUTAIRI, NAIF MUTLAQ

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677711 258	379-5218	379-5220

Last 24 hr operations
P/U & M/U APC ESP UPPER COMPLETION, SL DRIFT.

Next 24 hr plan
CONT. RUN ESP COMP., MU TBG HGR, FINAL DRIFT, SPLICE CABLES & CONTROL LINES. LAND TBG HGR.

Location: MNIF-191 / DS-10
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,887	9 5/8	7344	7018	7	7,180	12,401	8,463

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15887	76.7 (11/12/2025@1300)	0	0	188	188

Formation Tops

Formations	Top Depth	Comments
BUWB	7,595	7207 FT TVD
BLRR	9,961	BASE _LPR (TVD = 8009 FT).
LRTR	10,238	LRTR-L7 (TVD = 8070 FT)
MNIF	11,971	8440 FT TVD
MNFR	12,063	8448 FT TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0-1-1-1	6 1/8	N	WBCO	HT	BHA	RIG	15887	15887			HPJSM, L/D 9-5/8" C/O ASSY. > CHECKED 2 X 7" JUNK BASKETS, CLEAN. > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
0630 - 0800	1.5	0-1-1-1	6 1/8	N	WBCO	HT	PEL	RIG	15887	15887			HOUSEKEEPING RIG FLOOR & L/D EXCESS DP HANDLING TOOLS. > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
0800 - 0930	1.5	0-1-1-1	EOW	C	COMP	HT	TBG	MSD	15887	15887			R/U AL-MASAOOD TBG HANDLING EQUIPMENT & JAM UNIT, R/U APC TOOL BOX AND EQUIPMENT. > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
0930 - 1000	0.5	0-1-1-1	EOW	C	COMP	PJSM	ESP	KSC	15887	15887			HELD SAFETY STAND DOWN MEETING WITH ALL PERSONNEL, DISCUSSED HAZARDS RELATED TO RUNNING COMPLETION ASSEMBLY & TUBING.
1000 - 1830	8.5	0-1-1-1	EOW	C	COMP	HT	ESP	KSC	15887	15887			HPJSM, P/U & M/U 6 X 2-7/8" BY-PASS TBG SECTION, APC ESP ASSY. >> ZENITH LOWER NIPPLE, 3-1/2" 9.2# NVAM PIN - 2-7/8" UBT. >> ZENITH MOTOR BASE PLUG 2-3/8" EUE, ZENITH TYPE E7. >> MOTOR,PERSEVERE,560/XT1 235 HP/ 2428 V/ 57.8 A, MONEL COATED >> WSP TANDEM SEALS PS BSB AR HL - SEVERE SEALS >> WSP PUMP INTAKE 538 SERIES >> WSP PUMP : 538SER, WE5500/ 76 STG >> ZENITH DISCHARGE SUB. >> Y-TOOL TOP NIPPLE 3 -1/2" VAM TOP PROFILE 2.75". >> CONNECT CONTROL LINE, AND PT T/ 2500 PSI. >> CABLE READINGS: PH/PH- 1.4 OHMS , PH/GR- 6.57 G.OHMS. (10 MIN). > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
1830 - 2200	3.5	0-1-1-1	EOW	C	COMP	HT	PKR	KSC	15887	15887			HPJSM, M/U HALL 4-1/2" R-NIPPLE, 2 X 4-1/2" 13.5# VM95HCSS VAM TOP HC TBG JT'S, 4 X 4-1/2" 13.5# VM95HCSS VAM TOP HC PUP JOINTS, PRAXIS 9 5/8" PACKER, AFLAS. > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
2200 - 2330	1.5	0-1-1-1	EOW	C	COMP	DTU	GAUG	GD1	15887	15887			HPJSM, GDMC SL RIH W/ 3.7" DRIFT & TAG R-NIPPLE, RIH W/ 3.6" DRIFT & TAG Y-TOOL. > POOH & R/D SL. > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
2330 - 0330	4	0-1-1-1	EOW	C	COMP	HT	ESPL	KSC	15887	15887			M/U ONE 4-1/2 TBG JT WITH SAFETY VALVE & POSITION PACKER AT ROTARY TABLE. QCI TERMINATE ESP MAIN POWER ELECTRIC CABLES ABOVE PKR. > APC ESP ENG. CHECK CABLE INTEGRETY & SENSOR READINGS, OK . > CABLE READING : PH/PH- 1.3 OHMS , PH/GR- 7.66 G.OHMS. (10 MIN). > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
0330 - 0430	1	0-1-1-1	EOW	C	COMP	OTH	ESPL	AP5	15887	15887			HPJSM, HANG AND SECURE CABLE SHEAVES ON MONKEY BOARD. > KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).
0430 - 0459	0.5	0-1-1-1	EOW	C	COMP	RPCS	SPCOM	MSD	15887	15887	254	460	RIH W/ APC ESP ASSY ON NEW 4-1/2", 13.5# TN-95HS 3SB TBG. >> EACH CONNECTION MADE UP WITH ALMASOOD JAM/CAM UNIT. >> PUMP THROUGH PLUG INSTALLED AT 2ND JOINT ABOVE PKR. >> CHECK ESP CABLE INTEGRITY EVERY 1000' WHILE RIH. >> FILL UP TBG EVERY 10 JOINTS WHILE RIH. >> KEEP PUMPING 70 PCF NACL VIS BRINE IN BACKSIDE (12 BPH).

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MNIF-191 WORKOVER-4 BI-60

11/01/2025 - 02/01/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	

Workover Objectives

Foreman Remarks

>> ODF TO THS: 29FT
>> GW-95 TO THS: 33.4 FT
>> ODF CORRECTION : -4.4 FT.

** 8-1/2" L-0-1-1 TOW @ 7344' & BOW @ 7363' (19 FT) , RAT HOLE @ 7379'.
** 8-1/2" OH L-0-1-1-1 TIE-IN @ 9750'
** 7" LINER SHOE @ 12401' , 7" TOL @ 7180'
========== WELL DATA ==========
- GOR: 154 SCF/BBL.
- H2S: 4.89 %
- RER 30 PPM @ 2137 M, RER 100 PPM @ 840 M & 1/2 LFL @ 89 M.
==========SAFETY & SIMOPS==========
* AMBULANCE, EMERGENCY BUS AND LIFE BOAT ON LOCATION.
* ALL WELL HEADS, HEADER LINES ARE BARRICADED WITH CONCRETE BLOCKS.
* RAWABI H2S MONITORING PACKAGE ON LOCATION & CONTINUOUSLY MONITORING.
==========ARAMCO PERSONNEL ON LOCATION==========
* ARM EXPEDITER ADWAN ALSHAMMARI ID #8509385 ON LOCATION SINCE 01/20/2026.
* ARAMCO FOREMAN NAWAF BIN ALI # 793386 ON LOCATION.
* RIG CLERK PUSPARAJ SYANGBO ID: 8957137 ON LOCATION.
* NAOD&WOD SAFETY ADVISOR KHUBAB AHMED QURESHI #8599754 ON LOCATION SINCE 25 JAN 2026 FOR HSE INSPECTION.
==========EQUIPMENT & SERVICES ON LOCATION==========
* SEA WATER PUMPS ON LOCATION ARE: FA-802594 & FA-803150
----------ADJACENT WELLS STATUS ----------
> NO SIMOPS OPERATION ON DS-10,(9 ADJACENT WELLS).
> ADJACENT WELLS ON DS-10: MNIF-190 / 192 / 193 / 194 / 195 / 196 / 197 / 198 / 199.
> ALL ADJACENT WELLS ARE SHUT-IN & ISOLATED, ALL X-TREE VLV & TRSSSV ARE CLOSED.
> ALL UPSTREAM LINES, HEADER LINES SECURED & BARRICADED.
========== WELLS WITH CENTRALIZED MAIN CAMP ==========
> MNIF-108, MNIF-173, MNIF-262, MNIF-145, MNIF-191.
========== NEXT LOCATION========== ==========
* MNIF-346 / DS-25 KOM WAS CONDUCTED ON 12/07/2025 (FIELD SERVICES 80% / WELL SITE 70%).
* MNIF-345 / DS-25 KOM WAS CONDUCTED ON 12/07/2025 (FIELD SERVICES 80% / WELL SITE 70%).
* MNIF-340 / DS-25 KOM WAS CONDUCTED ON 12/14/2025 (FIELD SERVICES 80% / WELL SITE 70%).
* MNIF-348 / DS-25 KOM WAS CONDUCTED ON 12/14/2025 (FIELD SERVICES 80% / WELL SITE 70%).
* MNIF-344 / DS-25 KOM WAS CONDUCTED ON 12/14/2025 (FIELD SERVICES 80% / WELL SITE 70%).
* MNIF-355 / DS-31 KOM WAS CONDUCTED ON 11/09/2025 (FIELD SERVICES 0% / WELL SITE 0%)
* MNIF-302 KOM WAS CONDUCTED ON 8/13/2025 (FIELD SERVICE 0% / WELL SITE 0%).
* MNIF-139 KOM WAS CONDUCTED ON 8/13/2025 (FIELD SERVICE 0% / WELL SITE 0%).
* MNIF-336 KOM WAS CONDUCTED ON 8/13/2025 (FIELD SERVICE 0% / WELL SITE 0%).
========== RENTAL EQ ========== ==========
- GECAT BACKHOE & DRIVER ON LOCATION SINCE 11/24/2025.
- SLB 3 X FRAC TANKS , C-PUMP ON LOCATION SINCE 01/03/2026 AT 20:00 HRS.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	9.5	115,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
41	0	0	7	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	9.5	115,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
0	0	0	7	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/11/2026	AS PER SCHEDULE	SEASONAL	N/A	COLD	4,957	PRE-TOUR MEETING/ PJSM

PERSONNEL AND SERVICES INFORMATION

Company	EX2	SCB	HCO	KSC	RZT	RIG	BDF	RUE	RIG	ARM	MI2	ARM	GD1	MSD
Category	WTSE	BRCR	SSSV	ALS	CTRG	RIG	DFMS	H2S	OTHR	OTHR	SCS	WSC	SLS	PRS
No. of Persons	6	1	1	6	16	50	1	1	15	3	1	2	3	4

Total 110

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11/01/2025 - 02/01/2026

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	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	24	0	18	0	24	12	24	12	12	0	24	20	24

TRUCKS/BOATS	Standby/Tankers	Others	Others	Others
	DH-4874	RIG AMBULANCE	rig EMERGENCY BUS	rig TEMPSC BOAT

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	376	0	0	700

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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DMMM-128 WORKOVER-1 BI-60

12/17/2025 - 03/22/2026

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910TE @ DMMM-128 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: 910TE
Well: DMMM-128
Wellbores: (0) DMMM_128_0

Charge #: (71-25011-0128)
Wellbores: (0) DMMM_128_0

Objective : (DMMM-128 IN DMMM DS-B (MAIN PAD))

Foreman(s): HAMANI, MOSTEFA ABDELMADJID / PLEKHANOV, MAXIM
Engineer: ALI, SYED MUHAMMAD / ALSAADOON, SAIF ABDULRAHMAN
Manager: HAQWI, MOHAMMED MOSA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12726	0135773939 OFFICE	0135773927 OFFICE

CONTRACTOR /CLERK VSA T: 0135773593 CLERK

Last 24 hr operations
CHC, RUN BACK TO BTM, CHC, SPOT LINER LUBRICATED PILL, POOH 8-1/2" STIFF REAMING BHA.

Next 24 hr plan
POOH 8-1/2" STIFF REAMING BHA WHILE L/D EXCESS DP, L/D 8-1/2" STIFF REAMING BHA, RIH 7" LOWER COMPLETION.

Location
DAMM DRILL SITE B (MAIN PAD) / 6KM SW FROM DM MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
29,121	9 5/8	26140	4365				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
29121	32 (12/27/2025@0600)	95	0	6	6

Formation Tops

Formations	Top Depth	Comments
PAAS	26,161	318' SHALLOWER
ABAR	26,250	325' SHALLOWER
PABS	27,155	1950' SHALLOWER
ABBR	27,221	2019' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	EOW	N	CT	CIRC	MPMP	RIG	29121	29121			CONT, SWEEP HOLE WITH 15/30 LO-VIS/HI-WT PILL & CHC 2 BTMS-UP. * DYNAMIC LOSSES 30-50 BPH @ 500 GPM.
0700 - 0730	0.5	0	EOW	N	CT	CIRC	MPMP	RIG	29121	29121			FLOW CHECK; WELL STATIC.
0730 - 1000	2.5	0	EOW	N	CT	ST	STDP	RIG	29121	29121	26400	29121	RIH ON ELEVATORS W/ 8-1/2" STIFF REAMING BHA ON 5-1/2" HWDP STDS, WASH DOWN LAST STD AND TAG BTM @ 29121'. - HOLE IN GOOD CONDITION.
1000 - 1800	8	0	EOW	N	CT	CIRC	MPMP	RIG	29121	29121			SWEEP HOLE WITH 2 X 15/30 LO-VIS/HI-WT PILL, CIRCULATE & CHC (3 BTMS UP). * DYNAMIC LOSSES 30-50 BPH @ 500 GPM. * SWEEP HOLE WITH TANDEM PILLS LOADED WITH LCM UP TO 40 PPB. * P/U WT: 285 KLB, SO WT: 150 KLBS, STRING WT: 228 KLBS, TRQ: 23 KLBS-FT @ 120 RPM. * RACK BACK 1 STAND EVERY BTM-UP. * FLOW CHECK; WELL STATIC. * SPOT 200 BBLS OF LUBRICATED CSG GO PILL W/5 PPB LUBRAGLIDE ON BTM.
1800 - 1830	0.5	0	EOW	N	CT	CIRC	MPMP	RIG	29121	29121			FLOW CHECK; WELL STATIC.
1830 - 1845	0.25	0	EOW	N	CT	TO	STDP	RIG	29121	29121	29000	28600	HPJSM, POOH 5 STD'S W/ 8-1/2" STIFF REAMING BHA, IN OPEN HOLE. - HOLE IN GOOD CONDITION.
1845 - 1915	0.5	0	EOW	N	CT	CIRC	MPMP	RIG	29121	29121			FLOW CHECK; WELL STATIC.
1915 - 2145	2.5	0	EOW	N	CT	ST	STDP	RIG	29121	29121	28600	26100	POOH W/ 8-1/2" STIFF REAMING BHA IN OPEN HOLE TO CSG SHOE. - HOLE IN GOOD CONDITION.
2145 - 2215	0.5	0	EOW	N	CT	CIRC	MPMP	RIG	29121	29121			FLOW CHECK; STATIC LOSSES 7 BPH.
2215 - 2245	0.5	0	EOW	N	CT	RR	TDS	RIG	29121	29121			HPJSM, SERVICE TDS & CHECK FOR POTENTIAL DROPPED OBJECTS.
2245 - 0459	6.25	0	EOW	N	CT	TO	STDP	RIG	29121	29121	26100	14200	POOH W/ 8-1/2" STIFF REAMING BHA ON 5-1/2" HWDP/DP STDS...ON GOING AT RPT.

Workover Objectives

Foreman Remarks

DMMM-128 DMMM ERD RE-ENTRY WELL, WILL BE DRILLED THROUGH ARABS A ,B RESERVOIRS AND COMPLETE AS ARABS A & B MANARA SMART OIL PRODUCER.

========== RER & STAGING AREAS ========
* 1/2 LFL: 71 M ,100 PPM @ 341 M, 30PPM @ 569 M.
* GOR: 305 SCF/STB, H2S: 1.83%.
* STAGING AREA #1 , COORDINATES: N: 2907810 E: 409505.
* STAGING AREA #2 , COORDINATES: N: 2905994 E: 409656.

========== RIG KPI'S ==========
* PLANNED D/P T.S (CSG) 20 STD/HR, ACTUAL: 20 STDS.

========== PERSONNEL ON BOARD =========
* ARAMCO CLERK ASAD SHAH ID# 8266406 ON LOCATION SINCE 05/14/2025.
* ARAMCO NEW CLERK ABDULLAH AL-SULAIMAN ID# 7218620 ON LOCATION SINCE 1/21/2026.

LIMITED MORNING REPORT

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12/17/2025 - 03/22/2026

* ARAMCO MATERIAL EXPEDITOR ABDULMOHSEN ALAJMI #8530513 ON LOCATION SINCE 01/26/2026.
* SAOGDD FCA FOUZAN ANSARI IS ON LOCATION SINCE 1/24/2026

========== SAFETY ==========

PRE-TOUR SAFETY MEETING: (2), WEEKLY SAFETY MEETING: (0), COLD PTW: (14), HOT PTW: (01), CONFINED SPACE: (0), CTA: (26), STOP CARDS: (44), NM: (0).

SAFETY TOPICS:
- DISCUSSED LIFE SAVING ACTIONS: ELECTRICAL, WORK AUTHORIZATION.
- EMPHASIS THE CREW TO STOP WORK IMMEDIATELY IF CONDITIONS CHANGE OR A CO-WORKER IS IN AN UNSAFE LOCATION AND NOTIFY THE SUPERVISOR.
- HAZARDS OF CURRENT OPERATION, IDENTIFY THE LINE OF FIRE AND DANGER ZONE, PINCH POINT OR DROP OBJECT.
- EMPHASIZE THE CREW TO USE SWA IF YOU OBSERVE ANY UNSAFE, CONDITION.
- HIGHLIGHTED OF OBSERVATIONS CREW FOR PREVIOUS DAY.
- HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
- SA-GWI-2026-004 - FATALITY SERVICING BOP - RE-RELEASE.

FIRE DRILL: (0), MAN DOWN DRILL: (0), VERTICAL RESCUE DRILL: (0), MAN-LOST DRILL: (0), CONFINED SPACE RESCUE DRILL: (0), H2S RELEASE DRILL: (0), H2S RESCUE DRILL: (0), PIT DRILL: (01), TRIP DRILL: (03), BOP FUNCTION TEST: (0), BOP/SPACE OUT DRILL: (03), ACCUMULATOR TEST: (0), FIRE WATER SYSTEM EQUIPMENT FUNCTION TESTS: (0), OIL SPILL DRILL: (0), COVID 19 DRILL: (0), SWA DRILL (0), SIMOPS DRILL(0), SECURITY THREATS DRILL(0).

========= JAR, SHOCK SUB & RENTAL TOOLS ========
- RECEIVED 6.5" NOV HYD DA JAR, SN: CW4043906-1 ON 01/21/2026 @ 17:00 HRS, P/U ON 01/22/2026 @ 10:00.
- P/U 120 JTS (3780') X 5" HTDP WITH RELATED ACCESSORIES ON 28-DEC-2025 AT 21:00 HRS.
- P/U 195 JTS (6142') X 5" HTDP WITH RELATED ACCESSORIES ON 29-DEC-2025 AT 16:30 HRS., TOTAL P/U 315 JTS (9922 FT)., L/D 225 JTS ON 01/24/2026.
- RECEIVED 67 JTS X WFD 5-1/2" HWDP SINCE 01/23/2026., P/U ON 01/25/2026.
- RECEIVED 8.5" DGLG REAMER SN: G307738 ON 01/24/2026 @ 10:00.

========= SPECIAL EQUIPMENT ON LOCATION ===============
- RIG VERTICAL FLARE STACK.
- 2 X 55 SEAT BUS STAND-BY ON LOCATION.
- RAWABI PLUME TRACKER SYSTEM INSTALLED ON 2 SECURITY VEHICLES.
- FIRE FLY TOOLS AND OPERATOR ON LOCATION SINCE 01/12/2026.
- HALL KILL PUMP WITH OPERATOR ON LOCATION SINCE 01/12/2026.

========== WELLSITE PERSONNEL & EQUIPMENT ON LOCATION ====================
- TAMIMI WATER SPRAY TANKER DRSS#3000371071 (PLATE# 2155 LRA ID# 2597981865).
- TAMIMI VACUUM TANKERS DRSS#3000376705 (PLATES: IDS# NRA 6417, 2464774419 - KDA 2305, 2566808180) - 1 TRIP PER DAY.
- TAMIMI BACKHOE ON LOCATION F/ 15-JAN-2026.

======WATER CONSERVATION IMPLEMENTED INITIATIVES===
- REDUCED WATER PITS: N.
- DIRECT WATER LINE-UP TO MUD WATER TANK SYSTEMS: N.

============SAUDIZATION================
- SAUDIZATION : 84%.

============VISITOR====================

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	1	2.5API	10	0 Volts	5.54	9.6	125,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
138	15.8HTHP	79	30	0	10 / 11	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
46	0.5	14	11	10 / 11	0	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	1	2.6API	10	0 Volts	5.54	9.8	126,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
136	15.8HTHP	79	29	0	9 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
45	0.5	14	11	9 / 11	0	360	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	1	2.4API	10	0 Volts	5.5	9.6	126,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
138	15.6HTHP	79	30	0	9 / 10	NCPOL	3.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
46	0.5	15	11	10 / 11	0	280	17.4

MUD TREATMENT

BCTRN	LUBRAGLIDE	NOXYGEN	BARACORE95
18 (5GLD)	30 (50LB)	1 (55GL)	3 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
23RR	29,121	29,121	DP Av	DC Av	Bit HHP	0	120	216	8.5	SEC
Pressure	**GPM**	**Jet Vel**	259.37	369.27	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,550	500	N/A				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
		POOH Reas								

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DMMM-128 WORKOVER-1 BI-60

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	839010	QH4S	N/A
	Gauge	Other	
	N/A		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	0	228	285	150	23		0
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Drillpipe	RIG	5	1	5	4.276	31	424.34	GPDS50	GPDS50	19.5	89,999.712	G105	PREM	RIG DP
12	Crossover	RIG	6.625	1	6.625	2.875	2.3	393.34	GPDS50	XT54	28	89,395.212			7403-2
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	5	5.5	3.25	153.28	391.04	XT54	XT54	52.51	89,330.812		CONV	TALLY
10	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	33.92	237.76	XT54	XT54	2,000	81,282.08			CW4043906 1
9	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	92.52	203.84	XT54	XT54	52.51	13,442.08		CONV	TALLY
8	Dogleg Reamer	NRT	8.5	1	8.5	3	3.86	111.32	XT54	XT54	58	8,583.854			G307738
7	Heavy Weight Drillpipe (HWDP)	RIG	5.5	1	5.5	3.25	30.93	107.46	XT54	XT54	52.51	8,359.974		CONV	TALLY
6	Crossover	RIG	6.625	1	6.625	2.813	2.45	76.53	XT54	NC46	88	6,735.84			17-1572
5	Drillcollar	RIG	6.25	1	6.25	2.813	31.01	74.08	NC46	NC46	88	6,520.24		SPRL	910604
4	Stabilizer	ARM	8.5	1	6.125	2.821	4.95	43.07	NC46	NC46	88	3,791.36			130005087
3	Drillcollar	RIG	6.25	1	6.25	2.813	31.02	38.12	NC46	NC46	88	3,355.76		SPRL	5828
2	Near Bit Stab.	ARM	8.25	1	6.75	2.813	6.26	7.1	NC46	4 1/2 REG	100	626			130005156
1	Bit	SEC	8.5	1	8.5		0.84	0.84	4-1/2" REG			0			839010

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	01/24/2026	NORMAL	N/A	NORMAL	3,135	DISCUSS ARAMCO HSE ALERTS, SAFETY OBSERVATIONS & CURRENT OPR

PERSONNEL AND SERVICES INFORMATION

Company	SLH	BC	WCR	WTC	OTH	RZT	RIG	BDF	MJH	RUE	RIG	ARM	HPE	OTH	ARM
Category	LHES	PSSC	CSR	OTHR	RENT	CTRG	RIG	DFMS	SEC	H2S	OTHR	OTHR	PCS	VAC	WSC
No. of Persons	6	2	3	2	1	16	49	2	8	2	13	3	1	5	2
Personnel on Loc. Hrs.	12	12	12	12	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	0	0	0	24	24	0	24	24	12	0	12	24

Total
115

TRUCKS/BOATS

Standby/Tankers
H-723

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	389	21	25	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ABSF-331 DEVELOPMENT DRILLING BI-60

04/01/2025 - 07/04/2026

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AD-150 @ ABSF-331 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily OffShore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig AD-150 Well ABSF-331 Wellbores: (0) ABSF_331_0	Charge #: (66-25019-0331) Wellbores: (0) ABSF_331_0	Objective : (THE WELL WILL BE DRILLED AS A SINGLE LATERAL OIL PRODUCER TARGETING ARBD RESERVOIR)	Foreman(s) KHAROUB, MOHAMED NABIL MOHAMED / ALMOSA, AHMED ABDULLAH Engineer MOUSA, MOHAMMAD ADEL Manager RAJHI, MOHAMMAD ALI THURAYA +882 16777 14204 | RIG FORMAN VSAT 0133788299 | CONTRACTOR /CLERK VSAT 0133788298 CONTRACTOR /CLERK VSAT 0133788296 (RADIO) | CONTRACTOR /CLERK VSAT 0138297724 (OIM)

Last 24 hr operations	Next 24 hr plan
CONT. N/D 13-5/8" BOP.	COMPLETE N/D 13-5/8" BOP AND BOP RISER. NU & PT TBG BONNET & X-TREE, RETRIEVE RBP & SET Y-TOOL PLUG, CLOSE X-TREE VALVES AND SECURE WELL.

Location	Next Location
ABSF-510, 330/339 PLATFORM	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,418	9 5/8	6278	6021	7	5,976	7,905	6,573

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11418	35.3 (01/14/2026@1245)	100	0	84	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1200	7	0	EOW	C	BOP	OTH	BOP	RIG	11418	11418			COMPLETE N/D CHOKE AND KILL LINES HCR`S & MANUAL VALVES
1200 - 1230	0.5	0	EOW	C	BOP	PJSM	BOP	RIG	11418	11418			HPJSM WITH ALL INVOLVED PERSONNEL PRIOR N/D UPPER BOP RAMS USING TOP DRIVE. DISCUSS JOB JSA, LINE OF FIRE, SITUATION AWARENESS, DROPPED OBJECTS, TANDEM LIFTS AND CRITICAL LIFTING PLAN, PINCH POINTS, USING HAND FREE TOOLS, COMMUNICATION AND CLOSE SUPERVISION.
1230 - 1715	4.75	0	EOW	C	BOP	ND	BOP	RIG	11418	11418			DISCONNECT BOP'S UPPER DOUBLE RAM, HOOK UP WIRES INTO UPPER DOUBLE RAM AND LIFT WITH TDS.
1715 - 1845	1.5	0	EOW	C	BOP	OTH	BOP	RIG	11418	11418			PREPARE FOR SKIDDING OPERATIONS AND HANDLING UPPER DOUBLE RAM.
1845 - 1915	0.5	0	EOW	C	BOP	PJSM	BOP	RIG	11418	11418			HPJSM WITH ALL INVOLVED CREW MEMBERS PRIOR SKIDDING OPERATIONS.
1915 - 2245	3.5	0	EOW	C	BOP	OTH	BOP	RIG	11418	11418			SKID IN CANTILEVER, LAND BOP'S UPPER DOUBLE RAM ON MAIN DECK, SKID OUT AGAIN TO WELL CENTER.
2245 - 0459	6.25	0	EOW	C	BOP	OTH	BOP	RIG	11418	11418			HPJSM, DISMENTALED LOWER SECTION OF BOP WORK PLATFORM AND R/D ON TEXAS DECK.. ONGOING.

Foreman Remarks

THE WELL WILL BE DRILLED AS A SINGLE LATERAL OIL PRODUCER TARGETING ARBD RESERVOIR, THE WELL WILL BE COMPLETED WITH ICDS WITH SSDS, DUAL ESP AND Y-TOOL TWO FIBER OPTIC PDHMS GAUGES.
==========PLATFORM SEQUENCE==========
ABSF-510 MLS: (COMPLETED TIE-BACK OPERATION), SUSPENDED FOR COMPLETION AND FLOW BACK.
ABSF-339: (SUSPENED FOR FLOWBACK)
ABSF-338: (SUSPENED FOR FLOWBACK)
ABSF-336: (SUSPENED FOR FLOWBACK)
ABSF-334: (SUSPENED FOR FLOWBACK)
ABSF-330: (SUSPENED FOR FLOWBACK)
ABSF-331: EOW" SECTION | (CURRENT)
ABSF-333: 12-1/4" SECTION | (SUSPENDED FOR 8-1/2" HS)
ABSF-335: 12-1/4" SECTION | (SUSPENDED FOR 8-1/2" HS)
ABSF-337: 12-1/4" SECTION | (SUSPENDED FOR 8-1/2" HS)
ABSF-332: 12-1/4" SECTION | (SUSPENDED FOR 8-1/2" HS)
========== CASING POINTS & WELL DESIGN ==========
32" PRESET CONDUCTOR AT 299 FT TVD/MD,
18-5/8" PLANNED DEPTH AT 581 FT MD, ACTUAL DEPTH AT 598 FT MD.
13-3/8" PLANNED DEPTH AT 3,510 FT MD, ACTUAL DEPTH AT 3520 FT MD.
9-5/8" PLANNED DEPTH AT 6,291 FT MD, ACTUAL DEPTH AT 6311 FT MD.
7" PLANNED DEPTH AT 7,654 FT MD, ACTUAL DEPTH AT 7,908 FT MD.
6-1/8" PLANNED DEPTH AT 9,591 FT MD, ACTUAL DEPTH AT 11418 FT MD.
==========RENTAL TOOLS ONBOARD==========
2X WEATHERFORD JAR.
SAMAA PBL.
CORTRAX ADS SCRAPER.
==========RIG DATA==========
LC-50 SAMPLE FOR WBM SENT ON APRIL 04TH, 2025 ON RAWABI-33, MANIFEST# 2400741902.
LC-50 SAMPLE FOR OBM SENT ON JUNE 12TH, 2025 ON RAWABI-3, MANIFEST# 2400757365.
==========
RIG LOCATION- ABSF-330/339 PF

* RIG HEADING 330 DEG
* WATER DEPTH 127.26 FT (LAT).
* AIR GAP 40 FT

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04/01/2025 - 07/04/2026

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* LAT: 26 DEG 54.0157' N
* LONG: 050 DEG 28.15.00' E
* RKB TO SL = 115 FT
* RKB TO ML = 242.26 FT.
* FINAL LEG PENETRATION: BOW 8.2 FT, PORT 8.2 FT, AND STBD 8.7 FT.
==========HSE==========
** HSE ALERT 04-26 (OPERATOR LIFTED BY WIRELINE CABLE) & HSE ALERT 05-26 (ROUSTABOUT LIFTED BY TAGLINE).
- H2S DRILL CONDUCTED ON 01/11/2026.
- ABANDON SHIP DRILL ON 01/11/2026.
- MAN -DOWN DRILL CONDUCTED ON 01/06/2026.
- FIRE DRILL CONDUCTED ON 12/17/2025.
- CONFINED SPAC ENTRY DRILL CONDUCTED ON 01/06/2026.
- OIL SPELL DRILL CONDUCTED ON 12/31/2025
- TRIP DRIL WAS CONDUCTED ON 01/11/2026.
- PIT DRILL WAS CONDUCTED ON 01/11/2026.
- ACUUMULATOR DRILL CONDUCTED ON 01/10/2026.
- MAN OVERBOARD WAS CONDUCTED ON 10/30/2025.
- RESCUE / LIFEBOAT DRILL WAS CONDUCTED ON 10/30/2025.
- SEARCH AND RESCUE DRILL WAS CONDUCTED ON 08/06/2025
- VERTICAL RESCUE DRILL CONDUCTED ON 10/28/2025
- SECONDARY EMERGENCY DRILL CONDUCTED ON 10/19/2025.
- WEEKLY HSE CAMPAIGN : SLIPS , TRIPS AND FALL HAZARDS.
==========PERSONNEL ONBOARD==========
- ARAMCO ME HASSAN AL-HAJJI #821429 ONBOARD SINCE 20-JAN-2026.
- ARAMCO FCT ABDULLAH ALHARBI #826205 ONBOARD SINCE 20-JAN-2026.
==========RIG VISIT ==========
- ADC RIG MANAGER OMAR EID ALRUWAILI #8685484 ARRIVED ON 26-JAN-2026.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	11,418	90.5	212	0	6,564	-1586.42	-788.7	5,812.52	1.04

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	10.2	95,500

FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	0HTHP	95	0	0	0 / 0	NACL	0

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
26	0	0	5	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	10.2	95,500

FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	0HTHP	95	0	0	0 / 0	NACL	0

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
26	0	0	5	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/10/2026	TRIP & PIT DRILLS	18 KNOTS NE	5-6 FT	SEASONAL	921	N/A

PERSONNEL AND SERVICES INFORMATION

Company	BAL	SCB	ITS	GOS	RIG	OES	RIG	ARM	WCS	BCM	OSL	BC	ARM	DEL
Category	ALS	BRCR	CSR	CTRG	RIG	DFMS	OTHR	OTHR	PDHMS	PCS	SLS	SSSV	WSC	WHES
No. of Persons	9	1	3	13	47	2	13	2	6	1	4	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	0	24	24	24	12	0	24	0	0	24	0

Total
105

TRUCKS/BOATS

Standby/Tankers
rawabi-211

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2318	765	1710	2628	0	4150

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HZEM-492204 EXPLORATION DRILLING BI-1514

01/05/2026 - 02/20/2026

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AD-71 @ HZEM-492204 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-71
Well: HZEM-492204
Wellbores: (0) HZEM_492204_0

Charge #: (87-25541-7977)
Wellbores: (0) HZEM_492204_0

Objective : (DRILL THE WELL AS GAS PRODUCER IN HZEM)

Foreman(s): KRUEGER, AUSTIN WILLIAM / ZGAOULA, YASSINE
Engineer: ALOTAIBI, FAISAL NASSER
Manager: MESHAL, MOHAMMED ABDULLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677711 069	0135767891	0135767856

Last 24 hr operations
P/U & RUN 8 1/2" RSS BHA W/ P/UP 5-1/2" DP, DRILL OUT DV. SLIP AND CUT DRILL LINE, CONT TO PICKUP DP SINGLES.

Next 24 hr plan
RIH W/ 8.5" SPERRY ICRUISE BHA ON 5.5" DP, DRILL FC & SHOE TRACK. DRILL 5' NEW HOLE. FIT. DRILL 8.5" VERTICAL AND NEGATIVE BUILD.

Location
FROM HOFUF 84 KM TOWARD SALWA, LEFT AT RIG SIGN, 11 KM ON SKID ROAD TO RIG.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,235	9 5/8	7221	7221				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7235	9.6 (01/18/2026@1500)	100	0	144	275

Formation Tops

Formations	Top Depth	Comments
DMMM	635	1' DEEPER
RUS	937	0'.
UMER	1,216	13'' SHALLOW.
ARUM	2,243	2' SHALLOW.
LAMS	2,654	10' SHALLOW.
AHMD	4,734	23' SHALLOW.
SFNY	5,257	15' SHALLOW
SHUB	5,876	12' DEEPER.
BYDH	6,275	6'DEEPER.
MDTM	7,160	13' SHALLOW

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	12	N	WH	SET	WBSH	RIG	7235	7235			INSTALLED SHORT WEAR BUSHING AS PER CIW ENGINEER.
0530 - 0800	2.5	0	12	N	DRLG	HT	BHA	SPS	7235	7235			HPJSM, P/U & M/U 8 1/2" SPERRY SUN RSS BHA. > P/U 6 1/2" NOV DRILLING JAR & + SAMAA PBL SUB.
0800 - 0845	0.75	0	12	N	DRLG	CIRC	MPMP	RIG	7235	7235			SHALLOW TESTED SPERRY SUN TOOLS. > 500 GPM, 1,500 PSI.
0845 - 1615	7.5	0	12	N	DRLG	TI	SPDP	RIG	7235	7235	66	4400	RIH W/ SPERRY SUN 8-1/2" ICRUISE RSS BHA WHILE P/U (FLUSHED & DRIFTED) 5-1/2" HWDP/DP FROM RACKS. > TOTAL JOINTS PICKED UP : 9 X 5.5'' HWDP/ 125/228 X 5-1/2" DP JOINTS. > FILLED UP EVERY 20 STDS. > P/U 20 JTS/HR.
1615 - 1830	2.25	0	12	N	DRLG	RW	BIT	SEC	7235	7235	4400	4970	WASHED DOWN LAST STAND & TAGGED TOP OF DV CLOSING PLUG. > PUSHED TOP WIPER PLUG THROUGH DV TOOL @ 4,468 FT WHILE PUMPING UNTIL LANDED ON BAFFLE PLATE. > FOLLOW TAM/ SPERRY PROCEDURE.
1830 - 2030	2	0	12	N	DRLG	DFS	RSS	SPS	7235	7235	4970	5075	DRILLED OUT TOP WIPER PLUG & BAFFLE PLATE. > REAMED UP/DOWN ACROSS DV TOOL. > DV TOOL @ 4,468 FT. > BAFFLE PLATE @ 4970 FT.
2030 - 2115	0.75	0	12	N	DRLG	TO	STDP	RIG	7235	7235	5075	3885	POOH AND RACKBACK 14 STAND 5-1/2"DP.
2115 - 2330	2.25	0	12	N	DRLG	RR	DWKS	RIG	7235	7235			SLIPPED & CUT DRILL LINE. > CALIBRATED ANTI-COLLISION SYSTEM. > MEANWHILE SECURED THE WELL & MONITORED THRU TRIP TANK. WELL STATIC.
2330 - 0145	2.25	0	12	N	DRLG	RR	TDS	RIG	7235	7235			TDS SERVICE. > CHANGE SERVER SUB AND WASH PIPE. > TEST WASH PIPE.
0145 - 0459	3.25	0	12	N	DRLG	TI	SPDP	RIG	7235	7235	3885	6600	RIH W/ SPERRY SUN 8-1/2" ICRUISE RSS BHA WHILE P/U (FLUSHED & DRIFTED) 5-1/2" DP FROM RACKS. > TOTAL JOINTS PICKED UP : 194/228 X 5-1/2" DP JOINTS. > FILLED UP EVERY 20 STDS. > P/U 21 JTS/HR.

Foreman Remarks

==========WELL OBJECTIVE==========
HZEM-492204 IS FIRST WELL ON HZEM-4922 PAD TO BE DRILLED BY AD-71 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING

LIMITED MORNING REPORT

HZEM-492204 EXPLORATION DRILLING BI-1514

01/05/2026 - 02/20/2026

TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 15 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 27,556 FT MD / 10,224 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 16,735 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 32.5 DAYS.

==========JOURNEY PRECAUTIONS==========

PRIOR TO EXITING BLACKTOP ONTO SKID ROAD ALL MUST CALL ARAMCO CLERK.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE, & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.

==========ARAMCO PERSONNEL==========

> ARAMCO MATERIAL EXPEDITOR SAMHAN ALDAWSARI ID# 8606818 ON LOCATION SINCE 1/14/2026.
> ARAMCO MATERIAL EXPEDITOR MESHAL E ALHAJRI #8669673 ON LOCATION SINCE 01/07/2026.
> ARAMCO PDP MOHAMMED ALHUMUD ID#825639 ON LOCATION SINCE 01/23/2026
> ARAMCO HSE ADVISOR ISLAM ISMAIL ID# 8646389 ON LOCATION SINCE 01/25/2026.

==========WELL INFO==========

- ACTUAL 18 5/8" CASING: 115# J/K-55, BTC AT 987 FT.
- ACTUAL 13 3/8" CASING: 68# J/K-55, BTC AT 4780 FT.
- ACTUAL 9 5/8" CASING 47# L-80, BTC AT 7,221 FT.
- PLANNED KOP#1 7300 FT MD / 7300 FT TVD
- PLANNED KOP #2 9,266 FT MD / 9,221 FT TVD.
- PLANNED LP 10,821 FT MD, 10,224 FT TVD.
- PLANNED 5 1/2" CASING 26# P-110 & 95HS, VAM TOP/ W563 AT 27,557 FT (MD), (10,224' TVD).

==========SAFETY==========

>NM: 1 (10889757).
>STOP CARDS: 70
>PTW: 23.
>DRILL: 0.
> SWA : 03.
>LTI FREE DAYS: 627 DAYS
>SSE: 0

LAST IHA: 28-NOV-2025 TO DEC 2, 2025:
-TOTAL FINDINGS :155 (09 P1, 63 P2, 83 P3) LAST UPDATE TILL DEC 4, 2025 - 138 CLOSED AND 17 OPEN.

EXTERNAL AUDIT:
-LPD AUDIT ON 20 SEPT, 2025 TOTAL FINDINGS: 11, CLOSED ITEMS: 11.
-DOECD (RHSEI) 20 MAR, 2025 TOTAL FINDINGS: 65 CLOSED ITEMS: 65.
-DOECD (WCI) 21 MAY, 2025 TOTAL FINDINGS: 09 CLOSED ITEMS: 09.

==========RENTAL TOOLS==========

SAMAA 6.75" PBL SUB SN# SPM675-SBP-211 ON LOCATION JAN 25/26 17:00
NOV 6.5" HYDRA-MECHANICAL DRILLING JAR SN# GF-J650-4385217 ON LOCATION JAN 25/26 17:00

==========FUEL USAGE==========

DAILY FUEL CONSUMPTION:
> RIG: 31.45 BBLS, CAMP: 4.40 BBLS

WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR PRODUCTION ENGRG DEPT / JAFURAH WATER MANAGEMENT UNIT FROM HZEM 863

OTHER:

> FOREMAN PERFORM DAILY COMMUNICATION WITH SP-260 & HP-706 AS PER ERP REQUIREMENT.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
78 PCF	0	3API	0	0 Volts	4.4	9.4	140,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	0HTHP	87	28	0	12 / 14	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	1	18	13	11 / 12	5	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
78 PCF	0	3.2API	0	0 Volts	4.4	9.2	140,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	0HTHP	87	29	0	12 / 15	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	1	18	13	10 / 12	5	280	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5.5	307	5.5	4.67	9,546.89	9,919.36	XT54	XT54	24.7	322,779.34	CYX105	PREM	FILE
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	94	372.47	XT54	XT54	55.24	86,971.157		CONV	
10	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	32.95	278.47	XT54	XT54	2,000	81,778.597			GFJ650-4701433
9	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	187.79	245.52	XT54	XT54	55.24	15,878.597		CONV	

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LIMITED MORNING REPORT

HZEM-492204 EXPLORATION DRILLING BI-1514

01/05/2026 - 02/20/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
8	Crossover	RIG	6.75	1	6.75	2.813	3.63	57.73	NC50	XT54	108	5,505.078			1001452-1
7	Float Sub	SPS	6.75	1	6.75	2.75	3.24	54.1	NC50	NC50	101.71	5,113.038			14217258
6	Float Sub	SPS	6.75	1	6.75	2.75	1.42	50.86	NC50	NC50	101.71	4,783.497			14206224
5	Stabilizer	SPS	8.25	1	6.5	2.875	5.89	49.44	NC46	NC46	100	4,639.069			14348718
4	Screen sub	SPS	6.75	1	6.75	2.813	6.22	43.55	NC50	NC50	100.8	4,050.069			11606940
3	Measurement While Drilling (MWD)	SPS	6.75	1	6.75		10.04	37.33			103.2	3,423.093			14167556
2	RSS	SPS	6.75	1	6.75		26.67	27.29	NC50	4 1/2 REG	89.5	2,386.965			IC6181XP
1	Bit	SEC	8.5	1	8.5		0.62	0.62				0			14414028R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	1/27/2026	N/A	N/A	SEASONAL	629	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	OTH	SPS	SAM	RIG	BAR	EN1	RUE	RIG	ARM	WSC	ARM
Category	CTRG	DPDS	DRF	RIG	DFMS	ECPOH	H2S	OTHR	OTHR	WTERLN	WSC
No. of Persons	15	3	1	39	9	1	1	34	4	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	24	24	12	12	12	12	12	24

Total
113

TRUCKS/BOATS

Standby/Tankers
B-814

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	681	438	16	1650

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HZEM-752212 EXPLORATION DRILLING BI-1514

01/21/2026 - 02/16/2026

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AD-72 @ HZEM-752212 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-72
Well: HZEM-752212
Wellbores: (0) HZEM_752212_0

Charge #: (87-24541-8504)
Wellbores: (0) HZEM_752212_0

Objective : (4TH SLOT ON PAD HZEM-7522 TO BE DRILLED AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TQMB.)

Foreman(s) KEDDAR, MOHAMED / HADJOU, ISHEB
Engineer OSAWARU, OSARIMWIAN NESTOR
Manager MESHAL, MOHAMMED ABDULLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677714 104	013-576-60 95	013-576-69 27

Last 24 hr operations
HARD BACKREAMED, TRIPPED OUT OF CASED HOLE, LAID DOWN MOTOR BHA, RETRIEVED WB, JETTED WH, RIGGED UP CSG RUNNING EQUIPMENT & CRT, MADE UP SHOE TRACK.

Next 24 hr plan
RUN 13-3/8 CSG, LAND HGR ON WELLHEAD, CIRCULATE PRIOR CEMENT JOB, RIG UP CEMENT HEAD & P/T SAME, PERFORM 13-3/8" CSG CEMENT JOB.

Location
FROM HOFUF 82 KM TOWARD SALWA, TURN RIGHT FOR 28 KM ON B/TOP, LEFT AT RIG SIGN ON SKID ROAD TO RIG.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,935							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4935	5.5 (01/22/2026@1630)	80	0	168	168

Formation Tops

Formations	Top Depth	Comments
DMMM	714	0
RUS	987	0
UMER	1,294	0
ARUM	2,555	-1
LAMS	3,176	9
AHMD	4,885	2

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1930	14.5	0	16	N	DRLG	BR	STRG	RIG	4935	4935	2628	1450	HARD BACKREAMED WITH NESR 16" MOTOR BHA. > UNABLE TO PULL ON ELEVATOR.
1930 - 2030	1	0	16	N	DRLG	TO	STDP	RIG	4935	4935	1450	1040	TRIPPED 16" NESR MOTOR BHA OUT OF OPEN HOLE ON ELEVATOR TO 18-5/8" CSG SHOE.
2030 - 2100	0.5	0	16	N	DRLG	RR	TDS	RIG	4935	4935			SERVICED TDS.
2100 - 2330	2.5	0	16	N	DRLG	TO	BHA	RIG	4935	4935	1040	78	TRIPPED OUT 16" NESR MOTOR BHA. > RACKED BACK 5-1/2" HWDP, 6-5/8" HWDP, 8-1/2" DC.
2330 - 0015	0.75	0	16	N	DRLG	HT	BHA	ND1	4935	4935			LAID DOWN 16" NESR MOTOR BHA. > LAID DOWN NESR MOTOR & MWD. > LAID DOWN REAMERS & BIT. > BIT DULL GRADE: 1-2-WT-A-X-I-BT-TD.
0015 - 0045	0.5	0	16	N	WH	RTRV	WBSH	RIG	4935	4935			RETRIEVED WEAR BUSHING AS PER CIW ENG.
0045 - 0130	0.75	0	16	N	WH	OTH	NA	RIG	4935	4935			MADE UP JETTING TOOL & JETTED WELLHEAD AS PER CIW ENG.
0130 - 0200	0.5	0	16	N	DRLG	OTH	NA	RIG	4935	4935			CLEANED & CLEARED RIG FLOOR.
0200 - 0400	2	0	16	N	CSG	HT	PEL	ITS	4935	4935			HELD PJSM. REMOVED TDS LINKS, RIGGED UP ITS 13-3/8" RUNNING CASING EQUIPMENT & CRT.
0400 - 0459	1	0	16	N	CSG	RCSG	CSTR	ITS	4935	4935	0	124	HELD PJSM. PICKED UP & MADE UP 13-3/8" SHOE TRACK > 13-3/8" DHP FLOAT SHOE, 2X 13-3/8" CSG JTS, 13-3/8" DHP FLOAT COLLAR, 1X CSG JTS. > CHECKED FLOATS - OK.

Foreman Remarks

HZEM-752212 IS THE 4TH SLOT ON PAD HZEM-7522 TO BE DRILLED BY RIG AD-72 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 21,884 FT (MD)/10,539' (TVD) WITH A TOTAL LATERAL LENGTH OF 10,554 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 23.5 DAYS.

==========

FROM HOFUF DRIVE 68 KM ON SALWA RD, TURN RIGHT FOR 27 KM ON BLACK TOP, TAKE LEFT & FOLLOW SINGS TO RIG.

==========

> ARAMCO ME ABDULRAHMAN ALMESHARI #8677096 ON LOCATION SINCE1/14/2026.
> ARAMCO PDP ALI ALBEDDAH #833832 ARRIVED ON LOCATION SINCE 1/24/2026.
> ARAMCO PDP MAHMOUD BANJAR #822393 ON LOCATION SINCE 1/27/2026.

==========

PLAN AS PER DP
18-5/8" CSG 115# J-55 BTC AT 1,036'.
13-3/8" CSG 68# J-55 BTC AT 4,934'.
9-5/8" CASING 47# L-80 BTC AT 7,531'.
1ST KOP AT 7,581' MD.
2ND KOP AT 9,624' MD.
LP AT 11,330' MD / 10,539' TVD.
5-1/2" CSG 26# LONG STRING COMPLETION AT 21,884' MD / 10,539' TVD.

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LIMITED MORNING REPORT

HZEM-752212 EXPLORATION DRILLING BI-1514

01/21/2026 - 02/16/2026

DAILY HSE REPORT:
SOC 172
SWA 13
PTW 18
LOTO 4
DRILL 1
DSLTI 608
NM NONE
SHARED ALERT: HSE ALERT - 09-26 - TRUCK ROLLOVER.
==========
IN HOUSE AUDIT, LAST AUDIT DATE DEC. 2025
- TOTAL FINDINGS 146, CLOSED ITEMS 100, OPEN ITEMS (46 P2)

EXTERNAL AUDIT, LAST AUDIT DATE APR. 2025
- DOECD (RHSEI): TOTAL FINDINGS 48, CLOSED ITEMS 48
- LPD: TOTAL FINDINGS 5, CLOSED ITEMS 5
- DOECD (PCI): TOTAL FINDINGS 72, CLOSED ITEMS 72
==========
RENTAL TOOLS :
==========
FOREMAN PERFORMING 2 X DAILY COMMUNICATION WITH RIG HP-703.
==========
WATER WELL HZEM-853.
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY IWS FROM HZEM-853.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	3.6API	0	0 Volts	0.7	9.8	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	87.8	25	0	11 / 14	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	1	20	12.2	8 / 10	5	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
71 PCF	0	0API	0	0 Volts	0	9	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
37	0	0	0	0 / 0	0	0	0

MUD TREATMENT

BRZN	CAUST	CONDET	ENVIROTHIN	NACL
16 (25KG)	4 (25KG)	8 (5GL)	11 (50LB)	23 (2200L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
2RR	1,040	4,935	DP Av	DC Av	Bit HHP	40	90	S423	16	ULTR
Pressure	**GPM**	**Jet Vel**	108.57	147.87	383	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,500	1,000	291				1	2	CT	S	X
Serial Numi	**Type**	**Jets**	**TFA**							
79571	RPS719S	10 x 12 /	1.104							
Gauge	**Other**	**POOH Reas**								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	196	200	192	21,000	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	**Mud Motor Hrs**						
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5.5	1	5.5	4.67	31.31	861.47	XT54	XT54	24.7	115,150.187	XD105	PREM	FILE
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	10	5.5	3.25	312.86	830.16	XT54	XT54	54	114,376.83		CONV	FILE
12	Crossover	RIG	6.625	1	6.625	2.813	3.59	517.3	XT54	NC50	70	97,482.39			1002143-11
11	Heavy Weight Drillpipe (HWDP)	RIG	6.625	2	6.625	4.5	62.04	513.71	6 5/8 FH	6 5/8 FH	70	97,231.09		CONV	FILE
10	Crossover	RIG	8.5	1	8.5	2.813	3.52	451.67	6 5/8 REG	6 5/8 FH	169	92,888.29			1002149-1
9	Drillcollar	RIG	8.5	3	8.5	2.813	91.29	448.15	6 5/8 REG	6 5/8 REG	169	92,293.41		SPRL	FILE
8	Crossover	RIG	9.5	1	9.5	3	3.35	356.86	7 5/8 REG	6 5/8 REG	200	76,865.4			H9-4387
7	Drillcollar	RIG	9.5	9	9.5	2.813	274.67	353.51	7 5/8 REG	7 5/8 REG	220	76,195.4		SPRL	FILE
6	FIlter Sub	ND1	9.5	1	9.5	4	4.93	78.84	7-5/8 REG	7-5/8 REG	200	15,768			OGI-TS-6865
5	Roller Reamer	RIG	16	1	9.75	3.15	8.57	73.91	7 5/8 REG	7 5/8 REG	200	14,782		3 POINT	528-4-299
4	Measurement While Drilling (MWD)	ND1	9.5	1	9.5	3.5	17.77	65.34	7-5/8 REG	7-5/8 REG	200	13,068			VP950002
3	Roller Reamer	RIG	16	1	9.75	3.15	8.81	47.57	7 5/8 REG	7 5/8 REG	200	9,514		3 POINT	528-4-3-354

LIMITED MORNING REPORT

HZEM-752212 EXPLORATION DRILLING BI-1514

01/21/2026 - 02/16/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
2	Mud Motor	ND1	12	1	12	6.19	37.26	38.76	7-5/8 REG	7-5/8 REG	200	7,752			BPG2120-30010
1	Bit	ULTR	16	1	16		1.5	1.5	7-5/8 REG		200	300			79571

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	NA	SEASONAL	575	2X DAILY SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	NCS	ULT	ITS	TGC	ND1	RIG	BAR	MH2	TUB	RIG	ARM	OTH	ARM	CAM
Category	PCS	BITS	CSR	CTRG	DPDS	RIG	DFMS	H2S	ISPCT	OTHR	OTHR	RENT	WSC	WHES
No. of Persons	3	1	4	13	4	43	11	1	4	17	2	4	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	0	24	24	24	12	12	24	24	24	24	24

Total
111

TRUCKS/BOATS

Standby/Tankers
DH5859

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	500	304	58	4800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-751812 EXPLORATION DRILLING BI-1514

01/19/2026 - 02/15/2026

أرامكو السعودية
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AD-73 @ HZEM-751812 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-73
Well: HZEM-751812
Wellbores: (0) HZEM_751812_0

Charge #: (87-24541-7636)
Wellbores: (0) HZEM_751812_0

Objective : (4TH SLOT ON PAD HZEM-7518 TO BE DRILLED AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TQMB)

Foreman(s): CHOUCHA, AHMED / DUPUIS II, FULTON
Engineer: ALMALKI, NAWAF HAMED / ALBLUSHI, OMAR AHMED
Manager: MESHAL, MOHAMMED ABDULLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677714 393	5767824	5767841

Last 24 hr operations
PUMP CMT JOB, N/D DIVERTER AND N/U CAMERON UNI-HEAD AND BOP'S. TEST BOP'S. SET WB

Next 24 hr plan
P/U 12" TAQA BHA & TIH TO CMT/FC. DRILL SHOE TRACK AND NEW 12" FORMATION,CHC, POOH.

Location
F/ HOFUF 68 KM ON SALWA RD, TURN RIGHT FOR 27 KM ON B/T, TAKE LEFT & FOLLOW SINGS 12 KM.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,965	13 3/8	4958	4958				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4965	7.7 (01/20/2026@1300)	0	0	168	267

Formation Tops

Formations	Top Depth	Comments
DMMM	722	-5
RUS	982	-1
UMER	1,296	-2
ARUM	2,583	+8
LAMS	3,175	- 8
AHMD	4,892	- 6

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0715	2.25	0	16	N	CSG	CMC	CSG	SCM	4965	4965			PERFORMED 13-3/8" CASING CEMENTING JOB AS FOLLOWS: - RIG PUMPED 100 BBLS OF 80 PCF ARAMCO SPACER. - SLB MIXED & PUMPED 466 BBLS 94 PCF LEAD SLURRY. - SLB MIXED & PUMPED 126 BBLS 118 PCF TAIL SLURRY. - DROPPED TOP WIPER PLUG. - SLB MIXED & PUMPED 10 BBLS 118 PCF SLURRY AND 20 BBLS SPACER BEHIND PLUG. - RIG DISPLACED WITH 699 BBLS MUD. - BUMPED PLUG & INCREASED PRESSURE TO 500 PSI OVER FCP. HOLD 10 MINUTES. - BLEED OFF RETURNED 4 BBLS, CHECKED FLOATS - OK. - NO CEMENT AT SURFACE .
0715 - 0745	0.5	0	16	N	CSG	WOC	CSG	SCM	4965	4965			R/D 13-3/8" CEMENT HEAD
0745 - 0830	0.75	0	16	N	WH	OTH	NA	RIG	4965	4965			BACKED OUT FMH RUNNING TOOL. L/D LANDING JOINT & RUNNING TOOL.
0830 - 0930	1	0	16	N	CSG	HT	PEL	SPR	4965	4965			L/D SAPESCO CASING RUNNING EQUIPMENT > PERFORM TOP JOB WITH 44 BBLS, GOOD CMENT AT SURFACE.
0930 - 1000	0.5	0	16	N	WH	OTH	NA	RIG	4965	4965			M/UP CIW JETTING TOOL. JET ACROSS WH & DIVERTER. L/D JETTING TOOL.
1000 - 1100	1	0	16	N	WH	PTST	WH	CAM	4965	4965			RIH & SET FMH PACK-OFF ASSY AS PER CIW ENGINEER: - PERFORMED OVERPULL TEST & P/T SAME TO 5000 PSI, OK. - 18 3/4" X 13 3/8" PACK OFF PN: 2345252-05-01-01 & SN: 122331864-01
1100 - 1300	2	0	16	N	BOP	ND	DVRT	RIG	4965	4965			HPJSM. N/D FLOW LINE, BELL NIPPLE AND 21-1/4" 2M DIVERTER.
1300 - 1500	2	0	16	N	WH	NU	WH	CAM	4965	4965			N/U 18-3/4" 5M X 13-5/8" 10M CIW UNI-HEAD. - TESTED VOID TO 5,000 PSI (OK). - TESTED SEALS TO 5,000 PSI (OK). > UNI-HEAD P/N: 2201888-0400321-A & SN: 122397476-02. > 2-1/16" GATE VALVE (5K) P/N: 141551-41-06-80, SN: 122397512-02. > 2-1/16" GATE VALVE (10K) P/N: 141551-31-19-02, SN: 122397522-02.
1500 - 1530	0.5	0	16	N	BOP	PJSM	BOP	RIG	4965	4965			HELD PJSM FOR N/U BOP OPERATION, REVIEWED JSA & ASSOCIATED HAZARDS.
1530 - 2115	5.75	0	16	N	BOP	NU	BOP	RIG	4965	4965			N/U 13-5/8" 10M CLASS A BOP STACK. RIGGED UP AND CONNECTED WELL CONTROL RELATED EQUIP.
2115 - 2245	1.5	0	16	N	BOP	NU	BNIP	RIG	4965	4965			N/U FLOW LINE & BELL NIPPLE. > FUNCTION TESTED ALL BOPE FUNCTIONS.
2245 - 2330	0.75	0	16	N	WH	OTH	NA	RIG	4965	4965			RIH W/ 3-STDS OF DP, M/U & SET 13 5/8" TEST PLUG AS PER CIW ENG.
2330 - 0315	3.75	0	16	N	BOP	BOPT	BOP	RIG	4965	4965			PRESSURE TESTED 13 5/8" 10K CLASS-A BOP AS PER ARAMCO STANDARDS... AT RT. > PRESSURE TESTED ANNULAR PREVENTER TO 300 LOW / 7,000 PSI HIGH FOR 10 MIN EA TEST - OK. > PRESSURE TESTED RAMS, HCR & MANUAL VALVES TO 300 PSI LOW/10,000 PSI HIGH FOR 10 MIN EA TEST - OK.
0315 - 0330	0.25	0	16	N	BOP	SDR1	NA	RIG	4965	4965			

LIMITED MORNING REPORT

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HZEM-751812 EXPLORATION DRILLING BI-1514

01/19/2026 - 02/15/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													PERFORMED ACCUMULATOR DRAWDOWN TEST. GOOD TEST.
0330 - 0415	0.75	0	16	N	WH	OTH	NA	RIG	4965	4965			RETRIEVED CAMERON 13 3/8" TEST PLUG ASSEMBLY & L/D TEST ASSY.
0415 - 0445	0.5	0	16	N	WH	RTRV	WBSH	RIG	4965	4965			SET CAMERON LONG WEAR BUSHING AS PER CAMERON ENG.
0445 - 0459	0.25	0	16	N	DRLG	PJSM	NA	RIG	4965	4965			HELD PJSM. PICKED UP & MADE UP TAQA (COUGAR) 12" MOTOR BHA.

Foreman Remarks

HZEM-751812 IS THE 4TH SLOT ON PAD HZEM-7518 TO BE DRILLED BY RIG AD-73 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 22,175 FT. (MD)/ 10,540 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 10,759 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 24.5 DAYS.
==========RIG LOCATION==========
FROM HOFUF: DRIVE 68 KM ON SALWA RD, TURN RIGHT FOR 27 KM ON B/T, TAKE LEFT & FOLLOW SINGS 12 KM.
========== JOURNEY PRECAUTIONS==========
CALL AD-73 RIG OFFICE AT 013-576-7824 OR ARAMCO RIG CLERK AT 013-576-7841 PRIOR TO TURNING OFF MAIN ROAD.
PROVIDE RIG OFFICE: NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT RECOMMENDED.
==========ARAMCO PERSONNEL==========

> ARAMCO MATERIAL EXPEDITOR HAMED ALOTAIBI ID# 8606816 ON LOCATION SINCE 01/14/2026.
> ARAMCO PDP MOHAMMED ALJOHER ID# 810429 ON LOCATION SINCE 01/21/2026.
> ARAMCO MATERIAL EXPEDITOR SATTAM ALOTAIBI ID#7204678 ON LOCATION SINCE 01/21/2026.
==========WELL INFO==========
PLAN (AS PER DP)

WELLBORE LATERAL :
28" HS, 24" CSG @ 720'.
22" HS, 18-5/8" CSG @ 1,029'.
16" HS, 13-3/8" CSG @ 4,958'.
12" HS, 9-5/8" CSG @ 7,531'.
PLANNED 8-1/2" HS, 5-1/2" CSG @ 22,175'/ 10,540' TVD.

KOP @ 9,628' MD.
LP @ 11,416' MD / 10,540' TVD.
5-1/2", 26#, P-110 VAM TOP LONG STRING COMPLETION @ 22,170' MD / 10,540' TVD.
==========SAFETY==========
> NEAR: 0
> SWA: 2
> STOP CARDS: 60
> PTW: 19
> DRILL: 0
> DWLTI: 609
> SA HSE ALERT:

LAST IHA: 11-18-25 CLOSED: 122, OPEN: 13 (P2), 14 (P3)
LAST 2 EXTERNAL AUDIT: CLOSED: 30 OPEN: 4 (P2), 1 (P3)
==========WELLSITE RENTAL==========
12" NOV SHOCK SUB SN: CW-1887899-1 ON LOCATION 01/20/2026 AT 06:00 AM.
==========
WATER WELL HZEM-853.
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY IWS FROM HZEM-853.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	3.2API	0	0 Volts	2.1	9.5	131,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	87	28	0	12 / 16	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	1	21	13	12 / 13	5	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	9.7	101
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
43	0	0	0	0 / 0	0	280	0

MUD TREATMENT

CACL2-98	GRAVL8-12	BCTRN	BARITE	BENT	CAUST	AQGL
4 (50KG)	10 (55LB)	4 (5GL)	5 (5000L)	1 (2500L)	1 (25KG)	10 (50LB)
PACR	**DUOVIS-NS**					
1 (50LB)	2 (55LB)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
3	1,029	4,965	DP Av	DC Av	Bit HHP	55	110	S423	16	REED

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HZEM-751812 EXPLORATION DRILLING BI-1514

01/19/2026 - 02/15/2026

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	Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
	2,500	1,050	N/A	114	155.27	0	1	1	NO	N	X
	Serial Numi	Type	Jets	TFA							
	S324294	TK76S3A	POOH Reas	N/A							
	Gauge	Other									
	0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	10.8	243	260	225	22,000	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						
	14						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	610	2 DAILY

PERSONNEL AND SERVICES INFORMATION

Company	GOS	CDS	RIG	BAR	RIG	ARM	SCM	SAP	ARM	CAM	
Category	CTRG	DPDS	RIG	DFMS	OTHR	OTHR	PCS	DHPMP	WSC	WHES	
No. of Persons	15	3	33	11	30	3	3	3	2	2	Total 105
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	0	24	24	24	24	24	24	24	24	24	

TRUCKS/BOATS

Standby/Tankers
C055

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	676	315	80	4950

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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HZEM-753012 EXPLORATION DRILLING BI-1514

01/28/2026 - 02/22/2026

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AD-74 @ HZEM-753012 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig AD-74 Well HZEM-753012 Wellbores: (0) HZEM_753012_0	Charge #: (87-24541-7653) Wellbores: (0) HZEM_753012_0	Objective : (DRILLING WELL AS GAS-UNCONVENTIONAL / DEVELOPMENT IN HZEM)	Foreman(s) STILBORN, CHADWICK QUARTEN / ZAREA, AHMED MOHAMMED / ALQAHTANI, ABDULLAH HADI Engineer Manager URDANETA CARBONELL, ESTEBAN DAVID ALMERZA, HUSSAIN RADHI	THURAYA +882 16 77 71 4395 RIG FORMAN VSAT 013 576 78 43 CONTRACTOR /CLERK VSAT 013 576 78 86

Last 24 hr operations	Next 24 hr plan
R/D ON HZEM-753002 & R/U ON HZEM-753012, SUSPEND DUE TO FOG.	R/U ON HZEM-753012.

Location	Next Location
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT AND DRIVE 25 KM SKID ROAD (FOLLOW SIGN BOARDS)	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	168	168

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
1030 - 0000	13.5	0	PRE	M	RM	RD	NA	RIG	0	0			HELD PRE-JOB SAFETY MEETING WITH ALL PARTIES INVOLVED IN RIG MOVE. > R/D AT HZEM-753002. MOVE & R/U ON HZEM-753012. > FINISHED SKIDDING TO HZEM-753012. > MOVED & SPOTTED CEMENT SILOS. BACKLOADED BLENDED CMT. > MOVED CATWALK. R/D ELECTRICAL CABLES. > MOVED CHOKE MANIFOLD, MGS, HYDRAULIC HOSES. > R/UP FESTOON/POWER CABLES & POWER UP. > R/D POSSUM BELLY & LADDER. > PMS DRAWORKS. SERVICED TDS. CHANGED SAVER SUB.. > R/D VENT LINES FROM OLD WELL. - - R/D ON HZEM-753012= 100 %. - R/M TO HZEM-753012 = 60 %. - R/U ON HZEM-753012 = 10 %. ---------- - RIG MOVE PERSONNEL & EQUIPMENT: > 1 RIGGER-1, 1 RIGGER-2. > 2 CRANE. > 2 FORKLIFTS. > 1 WINCH TRUCKS. > 2 LOW BED TRCUK. > 1 BOOM TRUCK
0000 - 0459	5	0	PRE	M	SUSP	OTH	NA	RIG	0	0			SUSPENDED OPERATION DUE TO HEAVY FOG & POOR VISIBILITY.

Foreman Remarks

HZEM-753012 IS THE 4TH SLOT ON PAD HZEM-7530 TO BE DRILLED BY RIG AD-74 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 21,791 FT. (MD) / 10,465FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 10,755 FT A 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 23.5 DAYS.
==========JOURNEY MANAGEMENT & LOCATION==========
CALL AD-74 RIG OFFICE AT 013-576-7843. PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF CO, NUMBER OF PERSONNEL, COLOR OF VEHICLE EMERGENCY CONTACT OF BASE PERSONNEL.
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT AND FOLLOW SIGN BOARDS.
==========ARAMCO PERSONNEL=======
- ARAMCO PDP ABDULKAREEM MORAYA #831032 ON LOCATION 10:00 ON 1/15/2026.
- ARAMCO PDP SAUD AL ZUBAIDI # 828388 ON LOCATION SINCE 1/21/2026.
- ARAMCO MATERIAL EXPEDITOR BASEL DHFIRI # 8553614 ON LOCATION SINCE 1/21/2026.
========== CASING DEPTH ==========
- PLANNED 18 5/8" CASING: 115# J/K-55, BTC AT 999 FT.
- PLANNED 13 3/8" CASING: 68# J/K-55, BTC AT 4,868 FT.
- PLANNED 9 5/8" CASING 47# L-80, BTC AT 7,460 FT.
- PLANNED KOP 9,543 FT MD / 9,514 FT TVD.
- PLANNED LP (TEN) 11,063 FT MD, 10,465 FT TVD.
- PLANNED 5 1/2" CASING 26# P-110 & 95HS, JPC-4 AT 21,791 FT (MD), (10,465' TVD).
==========DAILY SAFETY REPORT==========
NM: 0.
STOP CARDS: 60.
PTW: 8.
DRILL:
==========WATER SERVICE==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-853.

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HZEM-753012 EXPLORATION DRILLING BI-1514

01/28/2026 - 02/22/2026

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DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	COLD	590	2 X TOUR

PERSONNEL AND SERVICES INFORMATION

Company	RIG	SUW	RIG	ARM	BAR	PEW	ARM	SAP	OTH	BR1
Category	RIG	CTRG	OTHR	OTHR	DFMS	MEON	WSC	DHPMP	VAC	RINS
No. of Persons	40	15	24	3	5	8	3	2	1	1
Personnel on Loc. Hrs.	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
Operating Hours.	18.5	0	0	18.5	0	0	18.5	0	0	0

Total
102

TRUCKS/BOATS

Standby/Tankers
d374

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
230	N/A	468	250	10	1000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-753002 EXPLORATION DRILLING BI-1514

12/31/2025 - 01/28/2026

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AD-74 @ HZEM-753002 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig AD-74 Well HZEM-753002 Wellbores: (0) HZEM_753002_0	Charge #: (87-24541-7652) Wellbores: (0) HZEM_753002_0	Objective : (DRILLING WELL AS GAS-UNCONVENTIONAL / DEVELOPMENT IN HZEM)	Foreman(s) STILBORN, CHADWICK QUARTEN / ZAREA, AHMED MOHAMMED / ALQAHTANI, ABDULLAH HADI Engineer FAQEER, MOHAMMED FAISAL Manager ALMERZA, HUSSAIN RADHI THURAYA +882 16 77 71 4395 / RIG FORMAN VSAT 013 576 78 43 / CONTRACTOR /CLERK VSAT 013 576 78 86

Last 24 hr operations	Next 24 hr plan
SET BPV, N/D BOP, RELEASED RIG.	R/D ON HZEM-753002, R/U ON HZEM-753012.

Location	Next Location
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT AND DRIVE 25 KM SKID ROAD (FOLLOW SIGN BOARDS)	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
26,450	5 1/2	26390	10446				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
26450	25 (01/02/2026@1100)	100	0	167	168

Formation Tops

Formations	Top Depth	Comments
HNFD	10,830	46 FT SHALLOWER
TQMA	10,888	52 FT SHALLOWER
TQMB	10,982	71 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0515	0.25	0	EOW	C	WH	OTH	NA	RIG	26450	26450			RAN AND INSTALLED 13-5/8" X 5-1/2" PACK OFF ASSY AROUND TUBING HANGER NECK, PRESSURE TESTED TO 10,000 PSI.
0515 - 0545	0.5	0	EOW	C	WH	SET	BPV	FME	26450	26450			RIG SET BPV IN TBG HGR.
0545 - 0615	0.5	0	EOW	C	WH	PJSM	NA	RIG	26450	26450			HELD PRE JOB SAFETY MEETING WITH RIG CREW REGARDING N/D BELL NIPPLE AND 13-5/8" 10M BOP STACK.
0615 - 0745	1.5	0	EOW	C	BOP	ND	BOP	RIG	26450	26450			N/D BELL NIPPLE AND FLOW LINE.
0745 - 1030	2.75	0	EOW	C	BOP	ND	BOP	RIG	26450	26450			N/D 13-5/8" 10M BOP STACK IN ONE PIECE AND LANDED ON SKIDDING PLATFORM.
1030 - 1030	0	0	EOW	S	OT	RELS	NA	RIG	26450	26450			RIG RELEASED ON 01/27/2026 @ 10:30 AM. > FLUID INSIDE TUBING = 85 PCF FILTRATED BRINE. > TBG PRESSURE = 0 PSI. > TCA 9 X 5 PRESSURE = 0 PSI. > CCA 13 X 9 PRESSURE = 0 PSI. > CCA 18 X13 PRESSURE = 0 PSI. > BPV INSTALLED BPV S/N: GB1132825-8. OFF-LINE JOB AFTER RIG SKIDDING: > N/U FMC 13 5/8" 10M X 5-1/8" 15M BONNET ADAPTOR & 5-1/8" 15K GATE VALVE. > PERFORMED BONNET CAVITY PRESSURE TEST (UNIHEAD WITH TBG BONNET FLANGES) TO 10K PSI. > FMC 15K GATE VALVE P/N: 4000100987, S/N: 10SG-1294965. > FMC BONNET P/N: 4000100523, S/N: 17SG-1368365. > RIG CREW RETRIEVED BPV & INSTALLED TWCV & M/U BLIND FLANGE ON TOP OF THE VALVE. > P/T FMC 13 5/8" 10M X 5-1/8" 15M BONNET ADAPTOR & 5-1/8" 15M MASTER VALVE TO 15,000 PSI; GATE VALVE IN OPEN POSITION. > REMOVED BLIND FLANGE, RIG CREW RETRIEVED TWCV & INSTALLED BPV IN THE WELLHEAD. > TWCV S/N: GB132822-7. > BPV S/N: GB1132825-8. > M/U BLIND FLANGE WITH RING GASKET BX-169 825 INCONEL, P/T AGAINST 5-1/8" 15M MASTER VALVE TO 15,000 PSI. > GATE VALVE IN CLOSED POSITION.

Foreman Remarks

HZEM-753002 IS THE 3 RD SLOT ON PAD HZEM-7530 TO BE DRILLED BY RIG AD-74 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMATION AND DRILL TO 26,403 FT. (MD) / 10,465 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,225 FT A 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 31.5 DAYS.
==========JOURNEY MANAGEMENT & LOCATION==========
CALL AD-74 RIG OFFICE AT 013-576-7843. PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF CO, NUMBER OF PERSONNEL, COLOR OF VEHICLE EMERGENCY CONTACT OF BASE PERSONNEL.
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT AND FOLLOW SIGN BOARDS.
==========ARAMCO PERSONNEL=======
- ARAMCO PDP ABDULKAREEM MORAYA #831032 ON LOCATION 10:00 ON 1/15/2026.

LIMITED MORNING REPORT

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HZEM-753002 EXPLORATION DRILLING BI-1514

12/31/2025 - 01/28/2026

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- ARAMCO PDP SAUD AL ZUBAIDI # 828388 ON LOCATION SINCE 1/21/2026.
- ARAMCO MATERIAL EXPEDITOR BASEL DHFIRI # 8553614 ON LOCATION SINCE 1/21/2026.

========== CASING DEPTH ==========

- 18 5/8" CASING: 115# J/K-55, BTC @ 991 FT.
- 13 3/8" CASING: 68# J/K-55, BTC @ 4868 FT.
- 9 5/8" CASING 47# L-80, BTC @ 7440 FT.
- PLANNED 5 1/2" CASING 26# P-110 AND 95HS VAM TOP @ +/- 26,350 FT (MD), (10,465' TVD).

==========DAILY SAFETY REPORT ==========

NM: 0.
STOP CARDS: 60.
PTW: 8.
DRILL: .

========== IN HOUSE AUDITS & EXTERNAL AUDITS==========

IN HOUSE AUDITS:

1ST QUARTER IHA: TOTAL FINDINGS: 28, ALL CLOSED.
2ND QUARTER IHA: TOTAL FINDINGS: 28, ALL CLOSED.
3RD QUARTER IHA: TOTAL FINDINGS: 29, ALL CLOSED.

EXTERNAL AUDITS:

LPCR: TOTAL FINDINGS: 29, ALL CLOSED.
CORPORATE: TOTAL FINDINGS: 14, ALL CLOSED.
RHSEI: TOTAL FINDINGS: 45, ALL CLOSED.
LPD: TOTAL FINDINGS: 21, ALL CLOSED.

==========WATER SERVICE ==========

WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-853.

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DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	26,450	90	346.5	0	10,447	4720.03	-1269.07	16,035.64	0.08

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	0	0API	0	0 Volts	1.1	9	325,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	79	0	0	0 / 0	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
27	0	0	21	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	0	0API	0	0 Volts	1	9	325,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	79	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
27	0	0	21	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/11/2026	N/A	N/A	N/A	COLD	590	2 X TOUR

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	BAR	PEW	RIG	ARM	OTH	SAP	ARM	FME
Category	CTRG	RIG	DFMS	MEON	OTHR	OTHR	VAC	WTERLNE	WSC	WHES
No. of Persons	15	40	2	8	19	5	1	2	3	1
Personnel on Loc. Hrs.	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Operating Hours.	0	5.5	0	5.5	5.5	5.5	5.5	5.5	5.5	5.5

Total
96

TRUCKS/BOATS

Standby/Tankers
d374

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
230	N/A	468	250	10	1000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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JNAB-173802 EXPLORATION DRILLING BI-1514

01/16/2026 - 02/13/2026

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AD-75 @ JNAB-173802 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-75
Well: JNAB-173802
Wellbores: (0) JNAB_173802_0

Charge #: (87-25699-7724)
Wellbores: (0) JNAB_173802_0

Objective : (GAS PRODUCER)

Foreman(s) SAYED, SAID MADY / MOHAMED, AHMED ABDELRHMAN
Engineer ALHARBI, WALEED SALEM
Manager MESHAL, MOHAMMED ABDULLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 14396	0112858618	0112858611

Last 24 hr operations
N/D DIVERTER, N/U & P/T UNIHEAD, N/U BOP & BELL NIPPLE, P/T BOP.

Next 24 hr plan
P/T BOP, SET LONG WEAR BUSHING, P/U & RIH W/ TAQA 12" MOTOR BHA, CLEAN OUT SHOE TRACK, DRILL 12" SECTION

Location: JNAB-173802
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,752	13 3/8	4742	4742				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4752	9.7 (01/18/2026@1200)	88	0	186	275

Formation Tops

Formations	Top Depth	Comments
DMMM	735	15 FT DEEPER
RUS	971	5 FT SHALLOWER
UMER	1,452	11 FT DEEPER
ARUM	2,608	7 FT SHALLOWER
LAMS	3,237	17 FT SHALLOWER
AHMD	4,692	17 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0600	1	0	16	N	BOP	ND	BNIP	RIG	4752	4752					CONTINUED N/D FLOW LINE, BELL NIPPLE.
0600 - 0800	2	0	16	N	BOP	ND	DVRT	RIG	4752	4752					N/D 21 1/4" 2M DIVERTER STACK AND SPACER SPOOL.
0800 - 0900	1	0	16	N	CSG	TOP	CSG	SCM	4752	4752					PERFORMED 2ND CEMENT TOP JOB. > PUMPED 70 BBLS 118 PCF OF CEMENT. > OBSERVED GOOD RETURNS AT SURFACE & LEVEL STATIC.
0900 - 1230	3.5	0	16	N	WH	NU	WH	CAM	4752	4752					HPJSM, INSTALLED 18 3/4" 5M X 13 5/8" 10M CAM UNI-HEAD AND P/T NECK SEAL ASSEMBLY TO 5,000 PSI AS PER CAM ENGINEER. > UNI-HEAD P/N: 2201888-0400321 & S/N: 122397482-01 > 2 1/16" 5M VALVE P/N: 141551-31-19-02 & S/N: 122397528-01 > 2 1/16" 10M VALVE P/N: 141551-41-06-80 & S/N: 122397530-01
1230 - 1615	3.75	0	16	N	BOP	WO	BOP	RIG	4752	4752			RI	965566	AD CRANE FAILURE, WAIT ON REPLACEMNT CRANE
1615 - 1645	0.5	0	16	N	BOP	PJSM	BOP	RIG	4752	4752					HPJSM WITH ALL PARTIES INVOLVED IN N/U 13-5/8" 10M CLASS-A BOP TO DISCUSS JOB PROCEDURES AND ASSOCIATED HAZARDS.
1645 - 0015	7.5	0	16	N	BOP	NU	BOP	RIG	4752	4752					N/U 13-5/8" 10M CLASS-A BOP & ALL RELATED EQUIPMENT.
0015 - 0145	1.5	0	16	N	BOP	NU	BNIP	RIG	4752	4752					N/U FLOW LINE AND BELL NIPPLE.
0145 - 0245	1	0	16	N	WH	OTH	NA	RIG	4752	4752					M/U & SET CAM 13 5/8" TEST PLUG AS PER CAM ENGINEER.
0245 - 0315	0.5	0	16	N	BOP	PJSM	BOP	RIG	4752	4752					HPJSM WITH ALL PARTIES INVOLVED IN P/T 13-5/8" 10M CLASS-A BOP TO DISCUSS JOB PROCEDURES AND ASSOCIATED HAZARDS.
0315 - 0459	1.75	0	16	N	BOP	BOPT	BOP	RIG	4752	4752					PRESSURE TESTING 13-5/8" 10M CLASS-A BOP AS PER ARAMCO STANDARDS....ONGOING

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 1230	3.75	3.75	965566		RI	FOT	CRN	RIG	4752	AD CRANE FAILURE

Foreman Remarks

JNAB-173802 IS THE 3RD SLOT ON JNAB-1738 PAD TO BE DRILLED BY RIG AD-75 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR A (TQMA) BELOW THE HIGH GR ZONE.
THE WELL IS PLANNED TO LAND AT +/- 17 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 22,003 FT. (MD)/ 10,491 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 10,738 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION.
THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 24.5 DAYS.
DRIVING DISTANCE FORM DH MAIN GATE 275 KM.

==========JOURNEY MANAGEMENT & LOCATION==========
CALL AD-75 RIG OFFICE AT 011-285-8618. PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF CO, NUMBER OF PERSONNEL, COLOR OF VEHICLE EMERGENCY CONTACT OF

LIMITED MORNING REPORT

JNAB-173802 EXPLORATION DRILLING BI-1514

01/16/2026 - 02/13/2026

BASE PERSONNEL.
DIRECTIONS FROM HOFUF: 60 KM TO SALWA, TAKE 60 KM TO SALWA, TAKE RIGHT 25 KM ON BLACK TOP, 2KM SKID ROAD TO JNAB-173802.

========== SURFACE COORDINATE==========
N-2726654.01, E-428113.52

==========SAFETY DATA==========
- DAYS WITHOUT (LTI) LOSS TIME INJURY: 558 DAYS.
- JSA REVISED: 24, PTW: 24, LOTO: 0, INDUCTION: 04, DRILLS: 0.
- TOTAL SOC'S: 45, STOP WORK AUTHORITY: 01.
- IN-HOUSE AUDIT - DEC-25: AUDIT ITEMS: 104, CLOSED ITEMS: 81, REMAINING OPEN: 23.
- IN-HOUSE AUDIT - SEP-25: AUDIT ITEMS: 174, CLOSED ITEMS: 173, REMAINING OPEN: 01.
- NO SLS OPEN ITEMS.
- NEAR MISS REPORTED: 0.

==========ARAMCO PERSONNEL:==========
> ARAMCO MATERIAL EXPEDITOR AHMED K. AL WOUHIMED, ID# 8553343 ON LOCATION SINCE 1/14/2026.
> ARAMCO FOREMAN ALI, MOHAMMAD B ID#289911 ON LOCATION SINCE 01/21/2026.

==========RENTAL TOOLS ==========
> NONE

==========WELLINFO==========
PLAN (AS PER DP):

WELLBORE LATERAL :
28" HS, 24" 176# X-42 CSG @ 775',
22" HS, 18-5/8" 115# J/K55 CSG @ 1,007'.
16" HS, 13-3/8" 68# J/K55 CSG @ 4,742'.
PLANNED 12" HS, 9-5/8" 47# L-80 CSG @ 7,416'.
PLANNED 8-1/2" HS, 5-1/2" 26# P-110 & VM-95HCSS CSG @ 22,003' MD / 10,491' TVD.

PLANNED KOP @ 9,520' MD / 9,482' TVD
PLANNED LP @ 11,266' MD / 10,491' TVD
==========WELLSITE RENTAL EQUIPMENT==========
> 2 VACUUM TANKERS FOR WASTE PIT.
> DUMP TRUCK
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL JNAB-826.
==========
FOREMAN MADE DAILY COMMUNICATIONS AS PER ERP REQUIREMENTS.
==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9	87,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
40	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9.1	88,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
41	0	0	0	0 / 0	0	0	0

MUD TREATMENT

CACL2-98	BENT	GRAVL8-12
5 (50KG)	1 (2500L)	8 (25KG)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	N/A	SEASONAL	559	2X DAILY SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	CDS	RIG	BAR	HSS	RIG	ARM	SCM	SAP	ARM	CAM
Category	CTRG	DPDS	RIG	DFMS	OTHR	OTHR	OTHR	PCS	WTERLNE	WSC	WHES
No. of Persons	16	3	44	3	10	18	1	3	2	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	12	24	24	24
Operating Hours.	0	0	24	24	12	12	12	2	12	24	12

Total
105

TRUCKS/BOATS

Standby/Tankers

LIMITED MORNING REPORT

JNAB-173802 EXPLORATION DRILLING BI-1514

01/16/2026 - 02/13/2026

	N/A					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	483	161	48	2950
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

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HZEM-491602 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/15/2026

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AD-76 @ HZEM-491602 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-76
Well: HZEM-491602
Wellbores: (0) HZEM_491602_0

Charge #: (87-25541-7954)
Wellbores: (0) HZEM_491602_0

Objective : (DRILLED AS GAS PRODUCER IN HZEM)

Foreman(s): CHEFFAH, SALIM / MORRIS, STEVEN LEIGH
Engineer: ALMOMEN, HASSAN MOHAMMED
Manager: ALMERZA, HUSSAIN RADHI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 3824	013-572-92 85	013-572-92 86

Last 24 hr operations
DRILL 8-1/2" VERTICAL & CURVE SECTION.

Next 24 hr plan
DRILL AHEAD 8.5" CURVE & LATERAL HOLE SECTION WITH SPERRY RSS.

Location
FROM HOFUF 84 KM TOWARD SALWA, LEFT AT RIG SIGN, 16 KM ON SKID ROAD TO RIG

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,855	9 5/8	7208	7208				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8947	15.2 (01/13/2026@0030)	100	908	144	251

Formation Tops

Formations	Top Depth	Comments
DMMM	685	+7
RUS	939	+1
UMER	1,222	+3
ARUM	2,262	+3
LAMS	2,679	-72
SFNY	5,271	-26
SHUB	5,886	-6
BYDH	6,271	-10
MDTM	7,176	-12
SULY	7,678	-11
HITH	8,205	-5
ABAR	8,664	-2
ABBR	8,762	-5
ABCR	8,873	-6
ABDR	9,001	-8
JUBL	9,170	-27

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1715	12.25	0	8 1/2	N	DRLG	D	RSS	SPS	8947	9290			SPERRY ICRUISE DRILL AHEAD 8-1/2" NEGATIVE SECTION WITH 88 PCF OBM AND FULL RETURNS. * SENT DOWN LINK AS REQUIRED. * PUMP 50 BBL/45' OF DRILL & N' SEAL PILL STARTING FROM TOP ARAB-B. * LIMITED ROP TO MAX 30 FPH FROM 8850'(100' ABOVE ARAB-D) TILL KOP TO AVOID INDUCING LOSSES AS PER PLAN. * KOP AT 9290' MD, 9242' TVD.
1715 - 1745	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	9290	9290			TDS SERVICE & DROP INSPECTION.
1745 - 0459	11.25	0	8 1/2	N	DRLG	D	RSS	SPS	9290	9855			SPERRY ICRUISE DRILL AHEAD 8-1/2" CURVE SECTION WITH 88 PCF OBM AND FULL RETURNS. * SENT DOWN LINK AS REQUIRED. * SURVEY AT 9,850.0' - 33.00 DEG INC, 322.00 DEG AZ, 9764.0' TVD - 4.0' ABOVE & 14.0' LEFT OF PLAN.

Foreman Remarks

HZEM-491602 IS 3RD WELL ON HZEM-4916 PAD TO BE DRILLED BY AD-76 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 14 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 26,762 FT MD / 10,217 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 15,919 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION.
==========
JOURNEY MANAGEMENT
PRIOR TO EXITING BLACKTOP ONTO SKID ROAD ALL MUST CALL ARAMCO CLERK @ 013-572-9286.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-863.
==========
ROBUA AL-SMAN SPRAY TRUCK ON LOCATION FROM 10/01/2025 WORKING 10 HRS PER DAY.
AL-FUWAILEH VACUUM TANKER 6486-SJA ON LOCATION FROM 3/1/2025 HAULING WBM TO DISPOSAL.
==========
ARAMCO MATERIAL EXPEDITOR ABDULAZIZ ALAJMI #8405156 ON LOCATION SINCE 01/19/2026.
ARAMCO URDD2 PDP BADER ALHAJRI ID# 826154 ON LOCATION SINCE 1/19/2026.
==========
18-5/8" CSG: @ 1005'.
13-3/8" CSG: @ 4,745'.
9-5/8" CSG: @ 7,208'.
5-1/2" CSG: @ +/- 26,762'
========== AD HSE REPORTING==========
STOP CARDS: 55.
WORK PERMITS: 20.

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

HZEM-491602 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/15/2026

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NEAR MISSES: 0.
DRILLS: 2 X TRIP DRILLS.
========== IN HOUSE AUDITS & EXTERNAL AUDITS==========
IN HOUSE AUDITS:
1ST QUARTER IHA: TOTAL FINDINGS: 33, ALL CLOSED.
2ND QUARTER IHA: TOTAL FINDINGS: 31, ALL CLOSED.
3RD QUARTER IHA: TOTAL FINDINGS: 38, ALL CLOSED.
4TH QUARTER IHA: TOTAL FINDINGS: 36, ALL CLOSED.

EXTERNAL AUDITS:
RHSEI: TOTAL FINDINGS: 41, (ALL CLOSED)
WCEI: TOTAL FINDINGS: 7, ALL CLOSED.
LPD: TOTAL FINDINGS: 9, ALL CLOSED.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	8,977	10.75	240.47	95	8,936	-66.13	-63.96	301.82	0.37
0	9,072	10.97	240.44	95	9,029	-68.82	-68.7	319.02	0.23
0	9,166	11	241.67	94	9,121	-71.46	-73.48	336.27	0.25
0	9,261	11.61	242.88	95	9,214	-74.1	-78.5	354.16	0.69
0	9,356	13.88	263.4	95	9,307	-75.82	-84.55	372.6	5.29
0	9,450	15.1	287.83	94	9,398	-75.08	-91.52	388.36	6.58
0	9,545	18	305.39	95	9,489	-71.32	-98.77	399.7	6.05
0	9,640	22.69	313.39	95	9,578	-64.89	-106.48	409.1	5.72
0	9,734	27.06	317.64	94	9,664	-56.28	-114.89	419.72	5.02
0	9,828	31.98	320.25	94	9,745	-45.62	-124.14	433.91	5.4

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
88 PCF	2	0API	62.5	630 Volts	10.29	0	264,761.08
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
160	2.8HTHP	16.25	17	0	10 / 14	OBM	1
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	27	21.25	8 / 9	0	32,000	4.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
88 PCF	2	0API	62	600 Volts	10.38	0	253,385.54
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
155	2.6HTHP	16.75	18	0	10 / 14	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	27	21.25	8 / 9	0	32,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
88 PCF	2	0API	62	570 Volts	9.85	0	249,921.62
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
155	2.8HTHP	17	17	0	9 / 13	OBM	1.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	0	26	21	7 / 8	0	31,600	4.2

MUD TREATMENT

BAROFIBRS	MRBL-M	CAOH2	STELSEALFN	STELSL400	SOLFLKM	WELL-SEAL M
26 (25LB)	4 (2200L)	146 (25KG)	44 (50LB)	20 (50LB)	20 (50LB)	20 (50LB)
BORE-SHIELD	**EZ-MUL**	**INVERMUL**	**CARBOTROL**	**S-SCAV S**	**STELSL50**	**BARITE**
2 (55GL)	8 (55GL)	14 (55GL)	179 (50LB)	16 (50LB)	24 (50LB)	14 (5000L)
CACL2-80	**GELTONE**					
5 (2200L)	16 (50LB)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5	7,220	9,852	DP Av	DC Av	Bit HHP	16	180	S323	8.5	SEC
Pressure	**GPM**	**Jet Vel**	320.96	N/A	149	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,620	550	211				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
14462153	GT65RHS1	3 x 13 / 3 x 14	0.84							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	44.5	270	275	265	4,000		44.5
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5.5	1	5.5	4.67	31.33	411.3	XT54	XT54	24.7	26,720.632	CYX105	PREM	FILE
11	Heavy Weight	RIG	5.5	6	5.5	3.25	188.04	379.97	XT54	XT54	61.6	25,946.781		CONV	FILE

LIMITED MORNING REPORT

HZEM-491602 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/15/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
	Drillpipe (HWDP)														
10	Hydraulic Jar	SJS	6.75	1			31.04	191.93			90	14,363.517			OSC112758A
9	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	94.02	160.89	XT54	XT54	55.24	11,569.917		CONV	FILE
8	Crossover	RIG	6.75	1	6.75	2.813	3.65	66.87	NC50	XT54	100.66	6,376.252			1007456-4
7	Circ. Valve	RIG	6.75	1	6.75	2.125	10.68	63.22	NC50	NC50	100	6,008.843			WES675SBP412
6	Float Sub	SPS	6.75	1	6.75	2.875	2.38	52.54	4 1/2 REG	4 1/2 REG	100	4,940.843			13692179
5	Stabilizer	SPS	6.75	1	6.75	3.125	5.88	50.16	NC50	NC50	95.82	4,702.843			143248710
4	Screen sub	SPS	6.75	1	6.75	3	6.78	44.28	NC50	4 1/2 REG	100	4,139.422			14221598
3	Sub	TK1	6.906	1	6.906	2.24	10.24	37.5	4 1/2 REG	4 1/2 REG	100	3,461.422			13077874
2	RSS	SPS	6.75	1	6.75	4.612	26.65	27.26	NC50	4 1/2 REG	89.5	2,437.422			14361319
1	Bit	SEC	8.5	1	8.5	2	0.61	0.61	4-1/2" REG	NA	85.65	52.246			14462153

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	MEDIUM	N/A	SEASONAL	402	2X PRE TOUR

PERSONNEL AND SERVICES INFORMATION

Company	SCC	SPS	RIG	BAR	RUE	RIG	ARM	OTH	SAP	ARM
Category	CTRG	DPDS	RIG	DFMS	H2S	OTHR	OTHR	VAC	WTERLNE	WSC
No. of Persons	14	7	39	12	1	23	2	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	12	12	8	12	24

Total
103

TRUCKS/BOATS

Standby/Tankers
1778

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	413	210	36	3400

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

HMYM-560414 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/01/2026

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AD-77 @ HMYM-560414 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-77
Well: HMYM-560414
Wellbores: (0) HMYM_560414_0

Charge #: (87-25710-8160)
Wellbores: (0) HMYM_560414_0

Objective : (GAS WELL UNCONVENTIONAL/DEVELOPMENT IN HMYM)

Foreman(s): MONTELLANO VILLEGAS, CARLOS MARCELO / ELAYAT, MOHAMED GHONIM
Engineer Manager: ALAYIDH, NAIF MUSHABBAB / JAHDALI, OMAR HAMEED

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
+882167771 3823	0135729284	0135729281

Last 24 hr operations
RUN 5-1/2" LONG COMPLETION STRING, RUN SLICKLINE DRIFT AS PER PLAN.

Next 24 hr plan
CONT. RUN 5-1/2" LONG COMPLETION STRING TO CP, LAND FMH, S/L DRIFT, BRAKE DISK & CHC, PERFORM 5-1/2" CMT JOB, INSTALL PACK OFF, N/D BOP.

Location
HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 13 KM, U-TURN, 12 KM TO SKID ROAD, FOLLOW SIGN BOARD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
19,340	9 5/8	7568	7568				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
19340	23.1 (01/05/2026@0200)	100	0	88	115

Formation Tops

Formations	Top Depth	Comments
DMMM	630	+34 FT.
RUS	945	+11 FT.
UMER	1,323	-4 FT
ARUM	2,518	+ 4 FT.
LAMS	2,643	+14 FT.
AHMD	5,159	+12 FT.
SFNY	5,719	+ 1 FT.
SHUB	6,267	+10 FT.
BYDH	6,636	+9 FT.
MDTM	7,536	+5 FT.
SULY	8,014	+22 FT
HITH	8,515	+18 FT
ABAR	8,955	+15 FT.
ABBR	9,061	+15 FT.
ABCR	9,146	+15 FT.
ABDR	9,330	+21 FT
JUBL	9,484	+23 FT.
JBSR	10,115	+198 FT.
HNIF	10,364	+14 FT
HNFA	10,452	+24 FT
HNFB	10,471	+14 FT
HNFC	10,518	+14 FT
HNFD	10,542	+10 FT
TQMA	10,562	+12 FT
TQMB	10,578	+12 FT

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	EOW	C	COMP	DTU	GAUG	HSL	19340	19340			HALLIBURTON SLICKLINE DRIFTED STRING WITH 4.423" GC TO 2,310 FT, OK. POOH & L/D SLICKLINE EQUIPMENT. > MONITOR WELL ON TRIP TANK DURING S/L OPERATIONS.
0530 - 0600	0.5	0	EOW	C	COMP	HT	TBG	HCO	19340	19340			P/U & MADE UP HALL AIR GLIDE (URFC) W/ 2 PUP JTS.
0600 - 1315	7.25	0	EOW	C	COMP	RPCS	UPCOM	SPR	19340	19340	8098	12294	RUN 5-1/2", 26#, P-110, AM-HBC LONG COMPLETION STRING USING SAPESCO POWER TONG & JAM UNIT. > FILLING UP STRING EVERY 10 JOINTS. > INSTALLED MARKER JOINTS #5 AS PER TALLY. > RAN 300 OF 471 JOINTS.
1315 - 1930	6.25	0	EOW	C	COMP	RPCS	UPCOM	SPR	19340	19340	12294	15142	RUN 5-1/2", 26#, JEP-95, JPC-4 LONG COMPLETION STRING USING SAPESCO POWER TONG & JAM UNIT. > FILLING UP STRING EVERY 10 JOINTS. > RAN 370 OF 471 JOINTS.
1930 - 2130	2	0	EOW	C	COMP	DTU	GAUG	HSL	19340	19340			HPJSM, R/U HALLIBURTON SLICK LINE SHEAVES & TOOLS, RIH 3RD SL RUN W/ 4.423" GAUGE CUTTER TO DEPTH 7,032 FT (20 FT ABOVE AIR GLIDE). > R/D SLICK LINE SHEAVES AND TOOLS.
2130 - 0459	7.5	0	EOW	C	COMP	RPCS	UPCOM	SPR	19340	19340	15142	18960	RUN 5-1/2", 26#, JEP-95, JPC-4 LONG COMPLETION STRING USING SAPESCO POWER TONG & JAM UNIT. > FILLING UP STRING EVERY 10 JOINTS. > RAN 464 OF 471 JOINTS.

Foreman Remarks

HMYM-560414 IS THE SECOND WELL ON HMYM-5604 PAD TO BE DRILLED BY AD-77 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING HNFC AND TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT ~ 25' +/- 5 FT TVD BELOW TOP OF TQMA SOURCE ROCK AND DRILL TO TD OF 19,284 FT. MD / 10,585 FT TVD WITH A TOTAL LATERAL LENGTH OF 7,800 FT AT 167 DEGREE AZIMUTH AND 7,500 FT AS THE EFFECTIVE LATERAL LENGTH.THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION.THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 17.5 DAYS.

==========

LIMITED MORNING REPORT

HMYM-560414 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/01/2026

WELL INFO:
- 18-5/8" CSG AT 984 FT MD/TVD.
- 13-3/8" CSG AT 5,188 FT MD/TVD.
- 9-5/8" CSG AT 7,568 FT MD/TVD.
- KOP-1 @ 7,986 FT MD/TVD.
- KOP-2 @ 9,521 FT MD/ 9,484 FT TVD.
- LP 11,200' MD, 10,586.25' TVD
- TD @ 19,340 FT. MD / 10,575 FT TVD.
- PLANNED 5-1/2" LONG STRING AT 19,284 FT MD / 10,586 FT TVD.

==========

FLAT TIME KPI PLAN VS ACTUAL:
NU DIVERTER [HR]: 5.0 VS N/A
ND DIVERTER [HR]: 2.0 VS N/A
NU 13-5/8" 10M BOP [HR]: 7.5 VS N/A
PT 13-5/8" 10M BOP [HR]: 6.5 VS N/A
ND 13-5/8" 10M BOP [HR]: 5.0 VS N/A
NU 18-5/8" SOW [HR]: 5.0 VS N/A
N/U UNIHEAD [HR]: 4.0 VS N/A
5-1/2" DP TI [STD/HR]: 19.0 VS N/A
5-1/2" DP TO [STD/HR]: 19.0 VS N/A
24" CSG TI [JT/HR]: 4.0 VS N/A
18-5/8 CSG TI [JT/HR]: 7.0 VS N/A
13-3/8" CSG TI [JT/HR]: 11.5 VS N/A
9-5/8" CSG TI [JT/HR]: 14.0 VS N/A
5-1/2" TBG TI [JT/HR]: 13.0 VS 14.87

==========ARAMCO PERSONNEL==========- ----

- ARAMCO MATERIAL EXPEDITOR ALI ALGHAMDI #8606034 ON LOCATION SINCE 01/10/2026.
- ARAMCO MATERIAL EXPEDITER ABDULAZIZ ALJAHDALI #8701407 ON LOCATION SINCE 01/14/2026 AND LEFT ON 01/27/2026.
- ARAMCO FIELD COMPLIANCE TECHNICIAN BURADHA, MOATH # 776890 ON LOCATION SINCE 01/25/2026.

==========

SAFETY REMARKS:
- NEAR MISS: 01 SLS#10914464
- DRILLS: 0
- STOP CARDS: 43.
- STOP WORK AUTHORITY: 03.
- LTI FREE DAYS: 378.

IN-HOUSE AUDITS:
02/18/2025: TOTAL FINDINGS: 205, OPEN ITEMS :4, , CLOSED ITEMS: 201.
11/21/2025: TOTAL FINDINGS: 102, OPEN ITEMS :79 , CLOSED ITEMS: 23.

EXTERNAL AUDIT DOECD (HSE GAP ANALYSIS):
09/03/2025 :RIG ACHIEVED 91.0 % SCORE, WAITING FOR THE APPROVED ACTION PLAN NCR FOR THE OPEN ITEMS.

==========

> ERP: CONDUCT DAILY COMMUNICATION WITH RIG SP-259 & HP-700 AS PER ERP REQUIREMENTS.

==========

- DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): DAILY 38 BBL, TOTAL 1587 BBL FOR HMYM-560414.

==========

- 1 X WATER SPRAYER TANKER.

==========

CALL AD-77 RIG OFFICE AT 013-572-9284 OR ARAMCO RIG CLERK AT 013-572-9281 PRIOR TO TURNING OFF MAIN ROAD. PROVIDE RIG OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. ** NIGHT DRIVING IS NOT RECOMMENDED.

==========

DIRECTIONS:
HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 13 KM, U-TURN, 12 KM TO SKID ROAD, FOLLOW SIGN BOARD.

==========

OTHER:
- WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL HMYM-845.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	19,340	89.9	166	0	10,585	-2549.29	589.43	8,584.47	0.14

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	2	0API	56.4	474 Volts	11.88	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	6.4HTHP	12.7	20	0	11 / 16	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	29	30.9	9 / 10	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	2	0API	56.4	477 Volts	11.88	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	6.4HTHP	12.7	19	0	11 / 15	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0	29	30.9	10 / 11	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HMYM-560414 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/01/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	NORMAL	N/A	SEASONAL	379	2 X PRE-TOUR MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	SPR	SCC	RIG	BAR	SNS	RIG	ARM	SCM	HSL	OTH	SAP	ARM	CAM
Category	CSR	CTRG	RIG	DFMS	H2S	OTHR	OTHR	PCS	SLS	VAC	WTERLNE	WSC	WHES
No. of Persons	8	14	42	6	1	31	2	7	4	1	2	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	12	12	0	4	10	10	24	0

Total
122

TRUCKS/BOATS

Standby/Tankers
DH-6040

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	469	144	97	3950

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

HZEM-491404 EXPLORATION DRILLING BI-1514

12/13/2025 - 02/11/2026

أرامكو السعودية
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AD-78 @ HZEM-491404 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-78
Well: HZEM-491404
Wellbores: (0-1) HZEM_491404_1

Charge #: (87-25541-7941)
Wellbores: (0-1) HZEM_491404_1

Objective : (DRILLED AS GAS PRODUCER IN HZEM)

Foreman(s): SHATA, BELAL TAHA / HEMIDA, MOHAMED SAID
Engineer: ALLUHAIDAN, OMAR HUSSAIN / ALMURAISEL, ABDULAZIZ TARIQ / ALHARBI, WALEED SALEM
Manager: JAHDALI, OMAR HAMEED

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 13826	013-572-92 83	013-572-92 82

Last 24 hr operations
DRILL 8.5" NEGATIVE BUILD AND CURVE SECTIONS.

Next 24 hr plan
DRILL 8.5" CURVE AND LATERAL SECTIONS.

Location
FROM HOFUF 84 KM TOWARD SALWA, LEFT AT RIG SIGN, 16 KM ON SKID ROAD TO RIG.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,000	9 5/8	7229	7229				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8630	24.5 (01/03/2026@1700)	100	1,370	144	252

Formation Tops

Formations	Top Depth	Comments
MDTM	7,177	+41
SULY	7,707	-31
HITH	8,241	-54
ABAR	8,724	-66
ABBR	8,833	-67
ABCR	8,907	-66
ABDR	9,085	-21
JUBL	9,254	-31

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1	8 1/2	N	DRLG	D	RSS	SDM	8630	8745			RSS DRILLED 8-1/2" NEGATIVE NUDGE SECTION WITH 85 PCF WBM AND FULL RETURNS. > SEND DOWN LINKS AS REQUIRED. > CONTROL PARAMETERS TO MITIGATE SHOCKS & VIBRATIONS.
0600 - 0615	0.25	0-1	8 1/2	N	DRLG	CIRC	MPMP	RIG	8745	8745			FLOW CHECK AT BTM OF HITH FORMATION - WELL STATIC.
0615 - 1530	9.25	0-1	8 1/2	N	DRLG	D	RSS	SDM	8745	8940			RSS DRILLED 8-1/2" NEGATIVE NUDGE SECTION WITH 85 PCF WBM AND FULL RETURNS. > SEND DOWN LINKS AS REQUIRED. > CONTROL PARAMETERS TO MITIGATE SHOCKS & VIBRATIONS. > CONTROL PARAMETERS THROUGH ARAB-D: 380-400 GPM - 120 RPM - ROP :30 FT/HR. > PUMP 50 BBL/STD OF DRILL & SEAL PILL FROM TWICE PER STAND F 9,000' (100' ABOVE ARAB-D).
1530 - 1900	3.5	0-1	8 1/2	N	DRLG	D	RSS	SDM	8940	9300			RSS DRILLED 8-1/2" NEGATIVE NUDGE SECTION WITH 85 PCF WBM AND 80%-98% RETURNS. > SEND DOWN LINKS AS REQUIRED. > CONTROL PARAMETERS TO MITIGATE SHOCKS & VIBRATIONS. > CONTROL PARAMETERS THROUGH ARAB-D: 380-400 GPM - 120 RPM - ROP :30 FT/HR. > PUMP 50 BBL/STD OF DRILL & SEAL PILL FROM 3 TIMES PER STAND F 9,000' (100' ABOVE ARAB-D).
1900 - 1930	0.5	0-1	8 1/2	N	DRLG	RR	TDS	RIG	9300	9300			RIG SERVICE TDS.
1930 - 0459	9.5	0-1	8 1/2	N	DRLG	D	RSS	SDM	9300	10000			RSS DRILLED 8-1/2" CURVE SECTION WITH 85-87 PCF WBM AND FULL RETURNS. > SEND DOWN LINKS AS REQUIRED. > CONTROL PARAMETERS TO MITIGATE SHOCKS & VIBRATIONS. > PUMP 50 BBL/STD OF DRILL & SEAL PILL FROM TWICE PER STAND TILL 9,750' (500' AFTER ARAB-D). > KOP#2: 9,315'. > SURVEY AT 9895' - 34.61 DEG, 8.72 AZ, 6.54 ABOVE & 10.63 LEFT OF PLAN.

Foreman Remarks

HZEM-491404 IS THE FIRST WELL ON HZEM-4914 PAD TO BE DRILLED BY AD-78 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 14 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 27,111 FT. MD / 10,222 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 16,207 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 32.5 DAYS.

==========

JOURNEY MANAGEMENT
PRIOR TO EXITING BLACKTOP ONTO SKID ROAD ALL MUST CALL ARAMCO CLERK @ 013-572-9282.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.

==========

WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-863.

==========

FOREMAN PERFORM DAILY COMMUNICATION WITH RIG AD-76 AS PER ERP REQUIREMENTS.

LIMITED MORNING REPORT

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==========
> ARAMCO NEW MATERIAL EXPEDITER KHALID ALQAHTANI #7320300 ARRIVED ON LOCATION FROM 1/27/2026.
> ARAMCO PDP OMAR ALMANSOOR #839855 ON LOCATION FROM 01/18/2026.
> URDD OE&C HSE FCC MAHMOUD ABDELMAGEED #8067034 ON LOCATION FROM 01/24/2026.
> EXPEC ARC ABDULLA AWUDH #752729 ON LOCATION FROM 01/27/2026.
> EXPEC ARC MOHAMMAD ALOTAIBI #782124 ON LOCATION FROM 01/27/2026.
==========
STOP CARDS =50.
PTW = 10.
DRILLS =1 SWA DRILL.
NEAR MISS = 0.
==========
IN HOUSE AUDITS:
1ST QUARTER IHA: TOTAL FINDINGS: 78, 1 OPENED, 77 CLOSED.
2ND QUARTER IHA: TOTAL FINDINGS: 119, 25 OPENED, 94 CLOSED.
EXTERNAL AUDITS:
PRE-PCI: TOTAL FINDINGS: 338, 3 OPENED, 335 CLOSED.
GAP-ANALYSIS: TOTAL FINDINGS: 49, 6 OPENED, 43 CLOSED.
==========
18-5/8" CSG @ 974'.
13-3/8" CSG @ 4,787'.
9-5/8" CSG @ 7,229'.
KICK OFF POINT 1 @ 7,290' MD.
SIDETRACK KICK OFF: 7,620' MD.
KICK OFF POINT 2 @ +/- 9,258' MD.
LANDING POINT @ +/- 10,904' MD.
TD @ +/- 27,111'.
==========
> NOV 6-1/2" HYDRAULIC JARS, SERIAL #GFJ650-4385222 ARRRIVED ON LOCATION 1-23-2026.
> CORETRAX PBL SUB, SERIAL #DVBA0228/CC118 & DVSA4-1037/CC8A0101 ARRRIVED ON LOCATION 1-23-2026

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	8,656	16.19	110.41	94	8,629	-54.37	61.1	268.33	0.88
0-1	8,753	16.48	101.86	97	8,722	-56.67	69.07	293.11	2.49
0-1	8,845	15.67	92.79	92	8,810	-57.67	76.74	314.95	2.86
0-1	8,943	15.44	86.85	98	8,905	-57.64	84.74	336.26	1.64
0-1	9,037	15.5	75.19	94	8,995	-56.46	92.26	354.85	3.3
0-1	9,129	15.51	67.22	92	9,084	-54.05	99.34	371.02	2.31
0-1	9,224	15.6	62.24	95	9,175	-50.73	106.35	386.59	1.41
0-1	9,321	15.73	54.81	97	9,269	-46.57	113.14	401.42	2.07
0-1	9,420	17.26	41.43	99	9,364	-40.85	119.45	414.19	4.13
0-1	9,512	18.24	29.69	92	9,451	-33.92	124.38	422.97	4.03
0-1	9,605	21.35	25.77	93	9,539	-25.42	128.82	430.79	3.63
0-1	9,702	25.86	22.5	97	9,628	-14.61	133.63	441.03	4.84
0-1	9,799	29.36	16.23	97	9,714	-1.68	138.12	453.2	4.69
0-1	9,895	34.61	8.72	96	9,795	13.44	141.39	465.97	6.85
0-1	9,993	39.52	7.39	98	9,873	31.26	143.9	483.12	5.08

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	2	3.6API	0	0 Volts	2.5	10.1	150,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
115	12.8HTHP	83.8	24	0	11 / 14	NCPOL	5.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	1	15	16.2	10 / 11	5	0	14.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	2	3.2API	0	0 Volts	2.1	10.2	150,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	13.8HTHP	84	24	0	11 / 14	NCPOL	4.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	1	14	16	9 / 10	5	0	14.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	2	3.4API	0	0 Volts	2.1	10.4	150,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	12.6HTHP	84	24	0	10 / 13	NCPOL	5.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	1	13	16	9 / 10	5	0	14.4

MUD TREATMENT

BFIBRE-SF	MAXSHIELD	MARBLE-CRSE	MRBL-M	BAROFIBRS	CAUST	DEXT
56 (25LB)	3 (55GL)	2 (2200L)	6 (2200L)	104 (25LB)	5 (50LB)	40 (25KG)
MICA-CRSE	**STELSL400**	**STELSL50**	**SODASH**			
80 (25KG)	35 (50LB)	24 (50LB)	5 (50KG)			

BIT DATA

Bit Number / Serial Num	MD In / Type	MD Out / Jets	Run Footag / TFA	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur

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12/13/2025 - 02/11/2026

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8RR	7,650	10,000	DP Av	DC Av	Bit HHP	23	160	M423	8.5	SMT
Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
1,590	500	431	291.79	N/A	562	N/A	N/A	N/A	N/A	N/A
SA01645	MDSI516PIPC	6 x 9 /	0.373							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	36.8	270	278	270	10,000		36.8

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs
	0		

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	31.5	423.09	XT54	XT54	24.7	69,994.321	S135	PREM	RIG
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	7	5.5	3.625	219	391.59	XT54	XT54	60	69,216.271		CONV	RIG
13	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	31.23	172.59	XT54	XT54	1,510	56,076.271			GFJ650-4701433
12	Heavy Weight Drillpipe (HWDP)	RIG	5.5	2	5.5	3.25	63	141.36	XT54	XT54	52	8,918.971		CONV	FILE
11	Crossover	RIG	6.75	1	6.75	3.25	2.64	78.36	XT54	NC50	84	5,642.971			47150-3B
10	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	9.23	75.72	NC50	NC50	27.7	5,421.211			DVBA0228LL1A118
9	FIlter Sub	SDM	6.875	1	6.875	2.75	6.85	66.49	NC50	NC50	84	5,165.54			675-8042
8	Float Sub	SDM	7	1	7	2.875	2.35	59.64	NC50	NC50	84	4,590.14			50232-001
7	Float Sub	SDM	7	1	7	3	1.93	57.29	6 5/8 REG	6 5/8 REG	84	4,392.74			13623
6	Non Magnetic Drill Collar (NMDC)	SDM	6.75	1	6.75	2.5	7.75	55.36	NC50	NC50	84	4,230.62		SPRL	1188837
5	Saver Sub	SDM	6.844	1	6.844	3	1.19	47.61	NC50	5 1/2 FH	168	3,579.62			1652363
4	Measurement While Drilling (MWD)	SDM	6.75	1	6.75	5.1	27.34	46.42	51/2 FH	51/2 FH	83	3,379.7			MDCIX-588783
3	Sub	RIG	6.906	1	6.906	4	5.86	19.08	NC50	5 1/2 FH	0	1,110.48			OFS-22989
2	RSS	SDM	6.75	1	6.75	2.5	12.57	13.22	NC50	4.5" REG	84	1,110.48			SN01
1	Bit	SMT	8.5	1	8.5	0	0.65	0.65	4.5" REG	NA	84	54.6	0		SA01645

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	01/26/2026	LOW	N/A	SEASONAL	354	2 X PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	SCC	SDM	RIG	BAR	MH2	RIG	ARM	SAP	ARM	CRW	HCM
Category	CTRG	DPDS	RIG	DFMS	H2S	OTHR	OTHR	WTERLNE	WSC	WBCS	PCS
No. of Persons	16	3	43	12	1	16	3	2	2	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	24	12	12	24	12	0

Total
101

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	370	273	8	1550

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
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Report ID: OPERLMTDMRREP

MHWZ-213201 EXPLORATION DRILLING BI-1514

01/01/2026 - 04/09/2026

AD-81 @ MHWZ-213201 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-81
Well: MHWZ-213201
Wellbores: (0) MHWZ_213201_0

Charge #: (87-25644-4276)
Wellbores: (0) MHWZ_213201_0

Objective : (MHWZ-213201 WILL BE LANDED 220 FT INTO SARAH RESERVOIR TO TOTAL DEPTH 20,456' MD/ 15,012' TVD)

Foreman(s) LAGGOUN, MESSAOUD / ALI, ADNAN NAJI
Engineer ALYAHYA, MOHAMMED YAHYA / ALHAJRI, SAUD SALEM
Manager ALJABRI, SAMEH SALEM

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677713 832	013-577-66 93	013-577-22 90

Last 24 hr operations
ROTARY DRILL 12" HOLE SECTION TO 9-5/8" CP AT 13,490 FT. CHC. POOH 12" ROTARY BHA WITH BACK REAMING.

Next 24 hr plan
POOH 12" ROTARY BHA, RETRIEVE WB. CHANGE UPR'S TO 9-5/8" CSG RAM. P/T ANNULAR & CSG RAM. R/U SAPESCO EQTS. DUMMY RUN FMH HGR. RIH 9-5/8" CSG.

Location
MHWZ FIELD, MHWZ-213 PAD, 438 KM F/ DHARAN MAIN GATE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,490	13 3/8	6718	6718				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13000	21.8 (01/06/2026@0900)	100	490	284	438

Formation Tops

Formations	Top Depth	Comments
HNIF	6,678	4' SHALLOWER
TQMN	7,127	4' SHALLOWER
UFDR	7,303	5' SHALLOWER
DHRM	7,724	2' SHALLOWER
LFDR	7,786	2' SHALLOWER
HURN	8,448	7' SHALLOWER
MRRT	8,777	5' SHALLOWER
MNJR	8,972	2' SHALLOWER
JILH	9,641	1' SHALLOWER
JLDM	10,028	5' SHALLOWER
BJDM	10,235	5' SHALLOWER
SUDR	11,603	1' DEEPER
SDDM	11,949	2' DEEPER
KHFF	12,377	1' DEEPER
KFAR	12,438	AS PROGNOSIS
KFBR	12,557	3' DEEPER
KFCR	13,091	2' DEEPER
KFDA	13,396	4' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1530	10.5	0	12	N	DRLG	D	TDS	RIG	13000	13353			ROTARY DRILL 12" HOLE SECTION W/ MWD & 105 PCF OBM, 100% CIRCULATION. > WOB: 35-50 KLBS, RPM: 145, FR: 780 GPM, TQ: 12-15 KFT.LB, SPP: 4125 PSI. > SWEEP HOLE WITH 50 BBL HVP EVERY 45 FT. > NESR MWD MULFUNCTIONED AT DEPTH 13060 FT @ 07:15 AM.
1530 - 1600	0.5	0	12	N	DRLG	RR	TDS	RIG	13353	13353			SERVICE TDS
1600 - 2000	4	0	12	N	DRLG	D	TDS	RIG	13353	13490			ROTARY DRILL 12" HOLE SECTION W/ MWD & 105 PCF OBM, 100% CIRCULATION TO 9-5/8" CP @13,490 FT. > WOB: 45-50 KLBS, RPM: 145, FR: 760 GPM, TQ: 12-16 KFT.LB, SPP: 4100 PSI. > C-C SEPARATION FROM MHWZ-213202 AT 13,500 FT: 327.83 FT.
2000 - 2230	2.5	0	12	N	DRLG	CIRC	MPMP	RIG	13490	13490			PUMP SWEEP, CHC. SPOT HI-VIS PILL ON BTM.
2230 - 2300	0.5	0	12	N	DRLG	OTH	NA	RIG	13490	13490			FLOW CHECK. WELL STATIC.
2300 - 2330	0.5	0	12	N	DRLG	TO	STDP	RIG	13490	13490	13490	13015	TRIP OUT OF OPENED HOLE ON ELEVATOR W/ 12" ROTARY BHA ON 5 STD 5-1/2" DP. > HOLE IN GOOD SHAPE. > MONITOR WELL THRU TRIP TANK AND TRIP SHEET.
2330 - 2345	0.25	0	12	N	DRLG	OTH	NA	RIG	13490	13490			FLOW CHECK. WELL STATIC.
2345 - 0145	2	0	12	N	DRLG	TO	STDP	RIG	13490	13490	13015	10350	TRIP OUT OF OPENED HOLE ON ELEVATOR W/ 12" ROTARY BHA ON 5-1/2" DP . > MONITOR WELL THRU TRIP TANK AND TRIP SHEET. > AT 10350 FT ENCOUNTERED TIGHT SPOT.
0145 - 0459	3.25	0	12	N	DRLG	BR	STRG	RIG	13490	13490	10350	9600	TRIP OUT OF OPENED HOLE W/12" ROTARY BHA ON 5-1/2" DP WITH SOFT BACK REAMING.

Foreman Remarks

MHWZ-213201 WILL BE DRILLED AS HZ WELL ON MHWZ-213 NEW PAD AS A PART OF THE UNCONVENTIONAL SARAH FORMATION DEVELOPMENT PROGRAM IN MHWZ FIELD. THE WELL WILL LAND 220' BELOW THE TOP OF SARH RESERVOIR AND DRILLED IN 8-3/8" HZ SECTION TO A TOTAL DEPTH 20,457' MD / 15,012' TVD
==========
ARAMCO PERSONNEL:
** ARAMCO RIG CLERK BASIT SAEED ID# 8022268 ON LOCATION SINCE 12/26/2025.
** ARAMCO FOREMAN MOSLEH A. DOSSARY ID# 8675671 ON LOCATION SINCE 01/04/2026.
** ARAMCO MATERIAL EXPEDITOR AHMED ALSHARIF ID# 7313706 ON LOCATION 01/12/2026.
** ARAMCO FCT SALEH SAHALI ID# 772560 ON LOCATION 01/17/2026.

LIMITED MORNING REPORT

MHWZ-213201 EXPLORATION DRILLING BI-1514

01/01/2026 - 04/09/2026

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SAFETY DATA:
** TOTAL SOC: 50
** SLS SOC: 10;SLS SAFE ACT: 04,SLS UNSAFE ACT: 03,SLS SAFE CONDITION: 0,SLS UNSAFE CONDITION: 3
** JSA REVIEWED: 1, PTW: 8 , LOTO: 1
** DRILLS: PIT: 00, TRIP: 00, H2S : 00, BOP: 00, FIRE: 00, VERTICAL RESCUE DRILL: 00, STOP TOUR: 01, RESCUE FROM CONFINED SPACE DRILL: 00, OIL SPILL DRILL: 00, MAN DOWN: 00, ACCUMULATOR DRILL: 00, FIRE DRILL:00
** DAYS SINCE LOSS TIME INJURY (DSLTI): 459
** DISCUSSED: RECENT ARAMCO HSE ALERTS, LINE OF FIRE & ZONE MANAGEMENT.
==========
PLANNED CASING POINTS MHWZ-213201:
L-0: 18-5/8" CASING: 1621' (ACTUAL: 1,630 FT)
L-0 :13-3/8" CASING: 6,732' (ACTUAL: 6,718 FT)
L-0 : 9-5/8" CASING: 13,492'.
L-0 : 5-1/2" CASING POINT: 20,429' MD/14,977' TVD.
==========
RENTAL EQUIPMENT:
** 9" NPS HYDRAULIC JAR (SN: VHJDA-91-0003) ON LOCATION SINCE 01-22-2026.
** THREE NAPESCO FIXBLADES STABILIZERS FOR 12" HOLE, RECEIVED ON 01-20-2026.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL MHWZ-824 & MHWZ-815

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	1	0API	57	821 Volts	5.83	0	266,444
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.8HTHP	14	17	0.1	11 / 15	OBM	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	30	29	11 / 12	0	0	2.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	1	0API	57	880 Volts	5.83	0	266,444
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
161	2.8HTHP	14	18	0.1	11 / 15	OBM	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
59	0	30	29	11 / 12	0	0	2.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	1	0API	57	865 Volts	5.41	0	278,177
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
159	3HTHP	13	19	0.1	12 / 16	OBM	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	30	30	11 / 12	0	0	2.8

MUD TREATMENT

BARITE	GELTONE	CAOH2	CACO3-25	CACO3-50	MRBL-M	STELSL50
2 (5000L)	7 (50LB)	24 (50LB)	8 (50LB)	8 (50LB)	1 (2200L)	8 (50LB)

STELSEALFN
8 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4RR	10,045	13,490	DP Av	DC Av	Bit HHP	50	145	M223	12	HTC
Pressure	**GPM**	**Jet Vel**	163.76	259.62	309	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
4,100	760	236				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
7915794	DD506	6 x 15 /	1.035							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	186.5	328	390	370	15,500		104
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5.5	1	5.5	4.67	31.8	1,195.87	XT54	XT54	24.7	244,242.304	HS3-125	PREM	RIG
16	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	275.05	1,164.07	XT54	XT54	52.56	243,456.844		CONV	RIG
15	Crossover	RIG	8	1	8	2.875	3.6	889.02	XT54	6 5/8 FH	149.5	229,000.216			H9-4397
14	Heavy Weight Drillpipe (HWDP)	RIG	6.625	6	6.625	4.5	185.51	885.42	6 5/8 FH	6 5/8 FH	85.5	228,462.016		CONV	RIG
13	Crossover	RIG	8.5	1	8.5	2.813	3.53	699.91	6 5/8 FH	6 5/8 REG	149.5	212,600.911			H9-4398
12	Drillcollar	RIG	8.5	3	8.5	2.813	92.87	696.38	6 5/8 REG	6 5/8 REG	166	212,073.176		SPRL	RIG
11	Hydro-Mechanical	NPJ	9	1	9	2.813	30.67	603.51	6 5/8 REG	6 5/8 REG	2,660	196,656.756			VHJDA-91-0003

LIMITED MORNING REPORT

MHWZ-213201 EXPLORATION DRILLING BI-1514

01/01/2026 - 04/09/2026

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
	Jar														
10	Drillcollar	RIG	8.5	15	8.5	2.813	464.7	572.84	6 5/8 REG	6 5/8 REG	166	115,074.556		SPRL	RIG
9	FIlter Sub	ND1	8	1			5.24	108.14			147	37,934.356			6875
8	Stabilizer	NPD	11.75	1	8.25	2.813	7.66	102.9	6-5/8 REG	6-5/8 REG	1,455	37,164.076			85058
7	Non Magnetic Drill Collar (NMDC)	ND1	8.25	1	8	2.813	30.28	95.24	6 5/8 REG	6 5/8 REG	144.25	26,018.776		SPRL	573031
6	Measurement While Drilling (MWD)	ND1	8.14	1			17.76	64.96			144.85	21,650.886			800038
5	Non Magnetic Drill Collar (NMDC)	ND1	8	1			14.55	47.2			165	19,078.35			6263/2
4	Stabilizer	NPD	11.75	1	8.25	2.813	9.04	32.65	6-5/8 REG	6-5/8 REG	1,455	16,677.6			25145
3	Pony Collar	RIG	8.5	1			15	23.61			147	3,524.4			240161
2	Near Bit Stab.	NPD	11.875	1	8.25	2.5	7.33	8.61	6 5/8 REG	6 5/8 REG	180	1,319.4			60018
1	Bit	HTC	12	1	12		1.28	1.28	6-5/8" REG			0			7915794

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	01/17/2026	SEASONAL	N/A	WINDY COLD	460	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	BHT	OTH	ND1	RIG	SMI	RIG	ARM	OTH	SAP	ARM	HDV	CAM	SCM
Category	BITS	CTRG	DPDS	RIG	DFMS	OTHR	OTHR	VAC	WTERLNE	WSC	DV	WHES	PCS
No. of Persons	1	13	2	38	2	19	4	1	4	2	1	2	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	12	12	12	12	24	2	6	4

Total 92

TRUCKS/BOATS

Standby/Tankers
ARAMCO CAR C006

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	450	378	357	31	5190

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

MHWZ-205201 EXPLORATION DRILLING BI-1514

11/20/2025 - 03/02/2026

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AD-82 @ MHWZ-205201 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig AD-82 Well MHWZ-205201 Wellbores: (0) MHWZ_205201_0	Charge #: (87-25644-4273) Wellbores: (0) MHWZ_205201_0	Objective : (MHWZ-205201 GAS-PRODUCER WELL, WILL BE LANDED 200 FT INTO SARAH FORMATION TOTAL DEPTH 20,442' MD.)	Foreman(s) ALMOGHANNY, OSAMA ADEL / BOUMAZA, AZIZ Engineer UD DIN, GHIAS NIZAM Manager ALJABRI, SAMEH SALEM THURAYA 8821677713 829 / RIG FORMAN VSAT 013-576-33 37 / CONTRACTOR /CLERK VSAT 013-577-33 52

Last 24 hr operations	Next 24 hr plan
RSS DRILL 8-3/8" LATERAL SECTION.	RSS DRILL 8-3/8" LATERAL SECTION TO TD @ 20,442 FT.

Location	Next Location
MHWZ FIELD, MHWZ-205 PAD, 440 KM F/ DHARAN MAIN GATE.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
17,600	9 5/8	13500	13500				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
17338	50.9 (12/08/2025@0800)	100	262	284	440

Formation Tops

Formations	Top Depth	Comments
KFDA	13,408	15' DEEPER.
BKDC	13,909	39' DEEPER
UNZA	13,930	9' SHALLOWER
QUSB	14,090	466' SHALLOWER
QBHS	14,702	41' SHALLOWER
SARH	14,757	37' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0030	19.5	0	8 3/8	N	DRLG	D	RSS	SPS	17338	17560			SPS RSS DRILL 8-3/8" LATERAL SECTION W/ 112 PCF OBM & 100% CIRCULATION. - WOB: 35-38 KLB, TORQUE: 9-13 KLB.FT, RPM: 90 RPM, FR: 420 GPM, SPP: 3380 PSI, ROP: 11.4 FT/HR. - PUMP TANDEM PILL AS NEEDED. - WASH UP & REAM DOWN 1 SINGLE EACH CONNECTION.
0030 - 0100	0.5	0	8 3/8	N	DRLG	RR	TDS	RIG	17560	17560			SERVICE TDS & GREASE WASH PIPE.
0100 - 0459	4	0	8 3/8	N	DRLG	D	RSS	SPS	17560	17600			SPS RSS DRILL 8-3/8" LATERAL SECTION W/ 112 PCF OBM & 100% CIRCULATION. - WOB: 35-38 KLB, TORQUE: 9-12 KLB.FT, RPM: 90 RPM, FR: 420 GPM, SPP: 3350 PSI, ROP: 10 FT/HR. - PUMP TANDEM PILL AS NEEDED. - WASH UP & REAM DOWN 1 SINGLE EACH CONNECTION.

Foreman Remarks

MHWZ-205201 WILL BE DRILLED AS HORIZONTAL WELL AS A PART OF THE UNCONVENTIONAL SARAH FORMATION DEVELOPMENT PROGRAM IN MHWZ FIELD.
THE WELL WILL LAND 200' BELOW TOP OF SARH FORMATION AT 90 DEG INCLINATION & AZIMUTH OF 330 DEG, 5,000 FT EFFECTIVE HORIZONTAL LATERAL WITH TOTAL DEPTH 20,442' MD/14,962' TVD.
==========JOURNEY MANAGEMENT==========
CALL ARAMCO RIG CLERK @ 013-5773352 OR ARAMCO FOREMAN OFFICE AT 013-5763337 PRIOR TO TURNING OFF MAIN BLACKTOP.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE, & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.
==========RIG DRIVING DIRECTION==========
> 21 KM WEST OF HARADH TOWARD AL KHARJ (2.7 KM PAST SASCO GAS STATION). TURN RIGHT.
> DRIVE 42 KM ON BLACK TOP. FOLLOW RIG SIGNS & TURN RIGHT ON TO SKID ROAD.
> DRIVE 58 KM SKID ROAD FOLLOWING RIG SIGNS TO LOCATION.
==========ARAMCO PERSONNEL==========
ARAMCO/ADC PERSONNEL:
- ARAMCO CLERK JOYEL ADRIAN JOHN #8096397 ON LOCATION SINCE 09/11/2025.
- ARAMCO MATERIAL EXPADIATER HUSSAIN AL-ABDULJEBBAR #8501848 ON LOCATION SINCE 12/28/2025.
- ARAMCO MATERIAL EXPADIATER AHMED AL-NASRI #7215943 ON LOCATION SINCE 01/14/2026.
- ARAMCO URDD FCT MOHAMMED ALSHAMRANI #818302 ON LOCATION SINCE 01/21/2025.
==========SAFETY DATA==========
SOC: 40, JSA REVISED: 13, JSA REVIEWED:13, LOTO: 00, CONFINED SPACE : 00, LTI: 453.
SAFE ACT: 09, UNSAFE ACT: 10, SAFE CONDITION: 08, UNSAFE CONDITION: 13.
DRILLS: 02 (01 SWA DRILL, 01 PIT DRILL) / NEAR MISS: 00.
6TH IN-HOUSE AUDIT (DEC-2025): TOTAL: 30, CLOSED: 18, OPEN: 12 POINTS.
WCI: TOTAL 06, CLOSED: 06, OPEN: 00 (ALL CLOSED).
RHSEI AUDIT: TOTAL: 34, CLOSED: 34, OPEN: 00 (ALL CLOSED).
LPD AUDIT: TOTAL: 24, CLOSED: 24, OPEN: 00 (ALL CLOSED).
HSEGA AUDIT AUG 2025: - SCORED - 92.8%.
==========RENTAL TOOLS==========
- 7 " CORETRAX PBL W/ 4-1/2" IF CONN, SN: DVSA4-1038/CC1A1102 RECEIVED ON JAN 14, 2026 AT 00:30 AM, RIH ON JAN 16, 2026.
- 75 JTS OF 5-1/2" DRILL PIPE S-135 W/ XT54 CON FROM AD-82 DRSS# 1004791686 RECEIVED ON JAN 05,2026.
- 120 JTS OF 5-1/2" DRILL PIPE S-125 W/ XT54 CON FROM WFD DRSS# 1004788351 RECEIVED ON JAN 04,2026.
==========WELLSITE RENTAL EQUIPMENT==========
- AL AJINAH SPRAY TANKER, DRSS# 3000341044, ON LOCATION SINCE 10/21/25, PLATE: 5963 BVA & IQAMA #2557634637.
==========PLANNED CASING POINTS==========
- 22" HOLE SECTION, 18-5/8" CASING @ 1,658' (50' INTO AHMADI).
- 17" HOLE SECTION, 13-3/8" CASING @ 6,784' (49' INTO HANIFA).
- 12" HOLE SECTION, 9-5/8" CASING @ 13,500' (100' INTO KFDA).
- 8-3/8" HOLE SECTION, (200 FT INTO SARAH), (KOP AT 14,100' MD, LP AT 15,442' MD / 14,956' TVD).
- 5-1/2" LONG COMPLETION STRING @ 20,442' MD/14,962' TVD.

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

MHWZ-205201 EXPLORATION DRILLING BI-1514

11/20/2025 - 03/02/2026

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==========WATER WELL==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL MHWZ-823 & MHWZ-824.
==========FORMATION LITHOLOGY==========
- LAST SAMPLE @ 17,580' (100 % SANDSTONE).
- MAX GAS @ 17,463': 6.86 %.
==========NEXT WELL==========
- NEXT WELL: MNHZ-150100 75% PROGRESS.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	17,354	90.13	330.18	93	14,962	738.82	-444.47	2,828.77	0.45
0	17,449	90.16	330.3	95	14,962	763.95	-458.84	2,923.75	0.13
0	17,544	89.87	329.77	95	14,962	789.04	-473.31	3,018.73	0.63

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
112 PCF	2	0API	54	955 Volts	6.12	0	291,633
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	2.2HTHP	12	16	0	10 / 15	OBM	1.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
66	0	37	34	8 / 9	0	0	3.6

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
112 PCF	0	0API	53.5	979 Volts	6	0	286,647
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
151	0HTHP	12.5	16	0	10 / 16	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	38	34	9 / 10	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
112 PCF	2	0API	53.5	979 Volts	6	0	281,661
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	2HTHP	12.5	17	0	10 / 16	OBM	1
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
68	0	38	34	9 / 10	0	0	3.4

MUD TREATMENT

ASPHASOL	BARITE	CARBOTROL	STELSL50	STELSEALFN	CAOH2
12 (50LB)	2 (5000L)	18 (50LB)	6 (50LB)	6 (50LB)	40 (55LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
8	15,610	17,600	DP Av	DC Av	Bit HHP	38	95	M422	8.375	SMT
Pressure	**GPM**	**Jet Vel**	258.06	N/A	98	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,350	420	174				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA00735	ZR616C	6 x 13 /	0.778							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	213	375	390	350	13,000	Shock Sub Serial	Shock Sub Hrs
							0
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5.5	75	5.5	4.67	2,368	18,603.14	XT54	XT54	24.7	494,546.3	S135	PREM	RIG FILE
16	Drillpipe	RIG	5.5	120	5.5	4.67	3,765	16,235.14	XT54	XT54	24.7	436,056.7	HS3-125	PREM	RIG FILE
15	Drillpipe	RIG	5.5	249	5.5	4.67	7,914.18	12,470.14	XT54	XT54	24.7	343,061.2	XD105	PREM	RIG FILE
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	30	5.5	3.25	919.81	4,555.96	XT54	XT54	53	147,580.954		CONV	RIG FILE
13	Drillpipe	RIG	5.5	108	5.5	4.67	3,435.55	3,636.15	XT54	XT54	24.7	98,831.024	XD105	PREM	RIG FILE
12	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	92.17	200.6	XT54	XT54	54	13,972.939		CONV	RIG FILE
11	Crossover	RIG	6.75	1	6.75	3.25	3.64	108.43	XT54	NC50	96	8,995.759			H9-4291
10	Multi Activation Circulating Sub	CRW	7	1	7	2.25	20.31	104.79	NC50	NC50	97	8,646.319			DVSA4-1038/CC1A1102
9	FIlter Sub	SPS	6.75	1	5.5	4	5.54	84.48	NC50	NC50	96.36	6,676.249			13024514
8	Float Sub	SPS	6.75	1	5	3	3.62	78.94	NC50	NC50	100.77	6,142.415			113994612
7	Float Sub	SPS	6.75	1	5	3	1.47	75.32	NC50	NC50	100.77	5,777.628			13023679
6	FIlter Sub	SPS	6.75	1	6.375	2.8	6.43	73.85	NC50	NC50	96.36	5,629.496			13777119
5	Non Magnetic Drill Collar (	SPS	6.75	1	6.75	2.5	20.32	67.42	NC50	NC50	99.7	5,009.901		SPRL	14042477

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MHWZ-205201 EXPLORATION DRILLING BI-1514

11/20/2025 - 03/02/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
	NMDC)														
4	Stabilizer	SPS	6.75	1	6.75	3.125	3.59	47.1	NC50	NC50	95.82	2,983.997			90821030
3	Measurement While Drilling (MWD)	SPS	6.75	1	6.75		16.06	43.51			16	2,640.003			90817296/90818533
2	RSS	SPS	6.75	1	6.75		26.65	27.45	NC50		89.42	2,383.043			14492190
1	Bit	SMT	8.375	1	8.375		0.8	0.8	4-1/2" REG			0			SA00735

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	1	MILD	NA	SEASONAL	454	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SBT	RZT	SPS	RIG	SMI	HMS	RIG	ARM	OTH	SAP	ARM
Category	BITS	CTRG	DPDS	RIG	DFMS	MLS	OTHR	OTHR	VAC	DHPMP	WSC
No. of Persons	1	17	4	38	2	4	20	4	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	12	0	24	24	24	24	12	12	10	24	24

Total
95

TRUCKS/BOATS

Standby/Tankers
B-941

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	400	479	214	9	2000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ADHN-1 EXPLORATION DRILLING-1 BI-1514

12/24/2025 - 04/05/2026

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AD-83 @ ADHN-1 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-83
Well: ADHN-1
Wellbores: (0-1) ADHN_1_1

Charge #: (81-23551-4224)
Wellbores: (0-1) ADHN_1_1

Objective : (ADHN-1-1 WILL LAND 100' TVD BELOW TOP OF SARH AND DRILL HZ TO TOTAL DEPTH 20,098 FT MD.)

Foreman(s) DELLALOU, AHMED / AIT SEDDIK, ABDENNOUR
Engineer ALDOSSARY, MOHAMMED ADNAN
Manager ALJABRI, SAMEH SALEM

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088 216 777 13833	5763332	5763335

Last 24 hr operations
DRESS & MILL WINDOW, CHC, POOH & L/D 8-3/8" MILLING BHA, P/T BOP'S.

Next 24 hr plan
P/T BOP'S, P/U & RIH 8-3/8" SPS MOTOR BHA, ORIENT SPS MOTOR W/ SDC GYRO, DISPLACE WBM BY OBM, INITIATE SIDETRACK AND START DRILLING 8-3/8" CURVE SECTION.

Location
10 KM SOUTH OF HRDH GOSP-1, RIGHT ON SKID RD 66 KM TO RIG

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,318	9 5/8	14500	14500				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13316	18.4 (01/09/2026@2000)	100	2	239	367

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0900	4	0-1	8 3/8	N	MILL	MILL	MILL	RAC	13316	13316	13316	13316	TF	965466	MILL AND DRESS WINDOW WITH 8-3/8" RAWABI TRI-MILL BHA F/ 13295 FT 13304, AND CLENOUT RAT HOLE TO 13318 FT. > REAM WINDOW SEVERAL TIMES & PASS THROUGH WITH/WITHOUT ROTATION & PUMP ON/OFF. > PERIODICALLY PUMP HI-VIS PILL. > CLEANED MAGNETS EVERY 30 MIN. > TOTAL METAL JUNK RECOVRED 38 KG
0900 - 0915	0.25	0-1	8 3/8	N	DRLG	DO	NA	RAC	13316	13318	13316	13318			DRILL 02 FT NEW FORMATION WITH RAWABI 8-3/8" TRI-MILL .
0915 - 1100	1.75	0-1	8 3/8	N	DRLG	CIRC	MPMP	RIG	13318	13318			TF	965466	SWEEP HOLE W/ 50 BBL HVP & CHC. > SMOOTH & POLISH WINDOW WHILE CIRCUALTION.
1100 - 1130	0.5	0-1	8 3/8	N	DRLG	CIRC	MPMP	RIG	13318	13318			TF	965466	FLOW CHECK WELL STATIC, SLUG PIPE.
1130 - 1145	0.25	0-1	8 3/8	N	DRLG	TO	STDP	RIG	13318	13318	13318	12840	TF	965466	POOH W/ RAWABI 8-3/8" MILLING ASSY ON 5-1/2" DP. - MONITOR WELL ON TT, WELL STATIC.
1145 - 1200	0.25	0-1	8 3/8	N	DRLG	CIRC	MPMP	RIG	13318	13318			TF	965466	FLOW CHECK, WELL STATIC.
1200 - 1745	5.75	0-1	8 3/8	N	DRLG	TO	STDP	RIG	13318	13318	12840	1820	TF	965466	POOH W/ RAWABI 8-3/8" MILLING ASSY . - MONITOR WELL ON TT, WELL STATIC.
1745 - 1800	0.25	0-1	8 3/8	N	DRLG	CIRC	MPMP	RIG	13318	13318			TF	965466	FLOW CHECK, WELL STATIC.
1800 - 1815	0.25	0-1	8 3/8	N	DRLG	TO	STDP	RIG	13318	13318	12840	1820	TF	965466	POOH W/ RAWABI 8-3/8" MILLING ASSY TO TOP OF BHA. - MONITOR WELL ON TT, WELL STATIC.
1815 - 1830	0.25	0-1	8 3/8	N	DRLG	CIRC	MPMP	RIG	13318	13318			TF	965466	FLOW CHECK, WELL STATIC.
1830 - 2115	2.75	0-1	8 3/8	N	DRLG	HT	BHA	RIG	13318	13318			TF	965466	L/D RAWABI 8-3/8" MILL ASSY & SPS FLOAT SUB. - 8-3/8" LEAD MILL: 2/8" UNDER GAUGE. - 8-3/8" FOLLOW MILL & 8-3/8" WATERMELON MILL : FULL GAUGE.
2115 - 2145	0.5	0-1	8 3/8	N	DRLG	OTH	NA	RIG	13318	13318					CLEAR & CLEAN RIG FLOOR.
2145 - 2230	0.75	0-1	8 3/8	N	WH	OTH	NA	RIG	13318	13318					HPJSM. M/U BOP JETTING TOOL, RIH & JET WELLHEAD AREA & BOP, L/D JETTING TOOL.
2230 - 2315	0.75	0-1	8 3/8	N	WH	RTRV	WBSH	RIG	13318	13318					P/U & M/U WEAR BUSHING RT & RETRIEVE SAME AS PER CIW ENG, L/D RETRIEVING TOOL.
2315 - 0000	0.75	0-1	8 3/8	N	WH	OTH	NA	RIG	13318	13318					M/U BOP JETTING TOOL, RIH & JET WELLHEAD AREA & BOP, L/D JETTING TOOL.
0000 - 0130	1.5	0-1	8 3/8	N	WH	OTH	NA	RIG	13318	13318					RIH WITH 5 STDS HWDP, M/U CIW 11" TESTER PLUG & AND LAND IN WELLHEAD, CONFIRM LANDING AS PER CIW ENG. > MONITOR WELL THRU WH OUTLETS.
0130 - 0459	3.5	0-1	8 3/8	N	BOP	BOPT	BOP	RIG	13318	13318					HELD PJSM, PRESSURE TEST 13-5/8" 15K BOP AND RELATED EQUIPMENT AS PER ARAMCO STANDARDS...ONGOING.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
26 Jan 1745	16	48.25	965466		TF	FOT	WPSTK	RWD	13298	UNABLE TO PASS W/ 8-3/8" SPS RSS BHA THROUGH WINDOW AT 13297 FT AFTER MANY ATTEMPTS. TOW: 13291 FT, BOW:

LIMITED MORNING REPORT

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ADHN-1 EXPLORATION DRILLING-1 BI-1514

12/24/2025 - 04/05/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
															13304 FT.

Foreman Remarks

==========WELL OBJECTIVE==========
ADHN-1_1 IS PART OF THE ADDAHNA UNCONVENTIONAL APPRAISAL PROGRAM, WILL BE SIDETRACKED INSIDE 9-5/8" CASING & WILL LAND AT 100' TVD INSIDE SARH FORMATION AT 16,098' MD / 15,314' TVD WITH 90 DEGREE INCLINATION AND 330 DEGREE AZIMUTH, THE PROPOSED TOTAL DEPTH OF THE WELL 20,098' MD / 15,314' TVD, WITH AN EFFECTIVE LATERAL OF 4,000 FT. AT TD.
==========RIG LOCATION DIRECTIONS==========
FROM DMG, TAKE DMM - HARADH ROAD: 291 KM, EXIT RIGHT TO HARADH - AL KHARJ ROAD 10 KM , THEN RIGHT ON SKID RD 66 KM TO RIG FOLLOW UP RIG SIGN BOARD.
- ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
==========DAILY SAFETY REPORT==========
TOPICS DISCUSSED IN TODAY'S SAFETY MEETING : HANDS FREE TOOL CAMAPGIN, HEAVY EQUIPMENT MOVEMNT PRECAUTIONS, IMPORTANCE OF HOUSEKEEPING & ARRANGMENT FOR WORKSITE IN PREVENTING INCIDENTS, PINCH POINTS, SMOKING POLICY, ENFORCEMENT FOR SWA, CLOSE SUPERVISION FOR EACH SINGLE TASK, LINE OF FIRE - DANGER ZONE, FATIGUE MANAGMENT, DROPS OBJECTS, WORKING AT HEIGHT, PTW DAILY AUDIT FINDINGS, HOUSEKEEPING.

- STOP CARDS : 30
- HSE ALERT: 05-26 LOADER TIPPED OVER WHILE PREPARING WALKWAY.
- DRILLS : 02*TRIP DRILLS & 1* PIT DRILL.
- NEAR MISS : 01 (10910944).
- DAYS SINCE LOSS TIME INJURY (DSLTI): 484
- PREVIOUS IN-HOUSE AUDIT 2025 OUTSTANDING ITEMS : TOTAL FINDINGS: 138, CLOSED: 138 , OPEN: 00
- 5TH IN-HOUSE AUDIT 2025 : TOTAL FINDINGS: 39, CLOSED: 39 , OPEN: 00
- 6TH IN-HOUSE AUDIT 2025 : TOTAL FINDINGS: 43, CLOSED:31, OPEN: 12
- 1ST IN-HOUSE AUDIT JAN 2026: TOTAL FINDINGS: 44, CLOSED: 28, OPEN : 16
- TOTAL OPEN FINDINGS : 28
- WCE 2024 TOTAL FINDINGS: 18 , CLOSED: 18 , OPEN: 00
- RHSEI 2025: TOTAL FINDINGS: 33 , CLOSED: 33 , OPEN: 00
==========SAUDI ARAMCO PERSONNEL==========
- ARAMCO CLERK MOHAMED YUSUF BADGE #8149587 ARRIVED ON LOCATION SINCE 12/24/2025.
- ARAMCO MAT EXP ALI MUSTAFA AL-IBRAHIM #7204114 ON LOCATION SINCE 1/08/2026.
- ARAMCO URDD FCT IBRAHIM N. ALDOSSARY, BADGE #782613 LEFT LOCATION ON 1/26/2026.
- ARAMCO MAT EXP ALI A. ALSHURAYYAN #7204702 ON LOCATION SINCE 01/22/2026.
- ARAMCO HSE ADVISOR: RAULAN ORTAYEV #8554141 ON LOCATION SINCE 01/24/2026
==========RENTAL TOOLS ==========
- MUDLOGGING CABIN WITH ADVANCED GAS & CUTTINGS SERVICES UNIT RECEIVED ON 01/18/2025.
- CORETRAX 7" PBL RECEIVED ON 1/21/26 @02:00. P/U ON 1/25/26 @01:00, L/D ON 1/26/26 @ 06:30.
- 6.5" NOV HMJ: SN# BOT651142DJ ON LOCATION 1/21/26 @10:30. P/U ON 1/25/26 @02:00, L/D ON 1/26/26 @ 06:00.
==========WELLSITE RENTAL EQUIPMENT==========
- AL MADEED W.TRUCK - ON LOCATION -01/01/26 - DRSS #3000370020 -PLATE - LRA 7398, DOOR-1162, BADGE#2526392184 - 2 LOADS .
==========NEW LOCATION==========
- UDYN-80.
==========CASING DATA==========
- ACTUAL 36" CASING @ 117'.
- ACTUAL 30" CSG @ 469'.
- ACTUAL 24" CSG @ 2571'.
- ACTUAL 18-5/8" CSG @ 5009'.
- ACTUAL 13-3/8" CSG @ 11095'.
- ACTUAL 9-5/8" CSG @ 14500'.
- ACTUAL 7" LINER 15095' & TOL @13396'.
- ACTUAL L-1, 8-3/8" WINDOW @ 13291'-13304'.
- PLAN L-1, L-P @ 16,031' MD, 7" LINER @16098' & TOL @12850'.
- PLAN L-1, 4-1/2" CSG @ 20,031' MD.
==========WATER SERVICES==========
WATER WELL: ADHN-803 & RBDA-802.
- WATER SERVICES, PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO & PED SERVICES (COMPLETION).

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
110 PCF	0	0API	0	0 Volts	2.16	9.8	600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
145	0HTHP	75	40	0.1	16 / 25	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
70	0	23	25	14 / 16	0	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
110 PCF	0	0API	0	0 Volts	2.16	9.8	600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	75	41	0.1	16 / 25	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
72	0	23	25	14 / 16	0	200	0

MUD TREATMENT

XC	BARITE	CAUST	BCTRN	SUNSWEEP
8 (55LB)	26 (5000L)	3 (50LBP)	1 (5GL)	1 (5GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

Username: YUAYANAL
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12/24/2025 - 04/05/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/19/2026	01/19/2026	N/A	N/A	SEASONEL	485	2 X DAILY PRE TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RWD	SPS	RIG	SMI	SGR	RIG	ARM	OTH	SAP	ARM	CRW	SEC	CAM	SCD
Category	CTRG	WPSTK	DPDS	RIG	DFMS	MLS	OTHR	OTHR	VAC	WTERLNE	WSC	WBCS	BITS	WHES	DPDS
No. of Persons	13	1	4	37	3	7	18	4	1	2	2	1	1	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	12	14	8
Operating Hours.	0	24	24	24	24	24	12	12	10	24	24	0	0	14	2

Total
98

TRUCKS/BOATS

Standby/Tankers
ARAMCO CAR / C010

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
365	N/A	688	256	54	1200

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

JLMN-84 EXPLORATION DRILLING BI-1514

01/06/2026 - 02/24/2026

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AD-84 @ JLMN-84 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-84
Well: JLMN-84
Wellbores: (0) JLMN_84_0

Charge #: (87-25714-1384)
Wellbores: (0) JLMN_84_0

Objective : (WELL IS TARGETING THE SARAH RESERVOIR WITHIN A W-E MINOR DISTRIBUTARY CHANNEL)

Foreman(s) BENASKEUR, KHALED / BENLARBI, MOHAMED EL AMINE
Engineer ALBAKHURJI, ABDULLAH BASSAM
Manager GARNI, HUSAM MANSOUR

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 3818	112858533	112858536

Last 24 hr operations: RIH 12 1/4" REFURBISHED BIT, DRILL 12 1/4" SECTION

Next 24 hr plan: ROTARY DRILL 12 1/4" HOLE SECTION

Location: JLMN-84

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,232	13 3/8	3024					

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6959	12.7 (01/15/2026@1200)	0	234	1161	1,161

Formation Tops

Formations	Top Depth	Comments
JAUF	2,401	-37
TWLF	3,484	-48
SHRR	8,317	-32

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1630	11.5	0	12 1/4	N	DRLG	RW	BIT	RIG	8232	8232	5000	8232	WASHED AND REAMED DOWN TIGHT HOLE/UNDER GAUGE HOLE - 950 GPM, 80 RPM, 4- 25 TQ - WOB: 0-10 KLBS
1630 - 2015	3.75	0	12 1/4	N	DRLG	D	TDS	RIG	8232	8407			ROTARY DRILL 12-1/4" HOLE SECTION W/ 80 PCF NACL POLYMER MUD W/ 100% RETURN CLEANED OUT BOTTOM HOLE AND PATTERN BIT AT LOW PARAMETERS - WOB: 45 KLBS. - RPM: 100-110 @ 15-26 KFT-LBS. - GPM: 950 GPM @ 3050 PSI. - AVG ROP - 46.6 FPH. - PUMPED 40BBL HI-VIS SWEEP EVERY 45' - WASHED UP & REAMED DOWN ONE SINGLE - DROPPED 4 RAPID SWEEP STICKS EVERY CONNECTION - RECORDED SCR EVERY 500'
2015 - 2045	0.5	0	12 1/4	N	DRLG	RR	TDS	RIG	8407	8407			TDS SERVICE
2045 - 0459	8.25	0	12 1/4	N	DRLG	D	TDS	RIG	8407	8466			ROTARY DRILL 12-1/4" HOLE SECTION W/ 80 PCF NACL POLYMER MUD W/ 100% RETURN ROP DROPPED AT 8425' WITH HIGH ERRATIC TORQUE, ADJUST PARAMETERS TO MITIGATE TORQUE - WOB: 30-45 KLBS. - RPM: 80-100 @ 3-28 KFT-LBS. - GPM: 950 GPM @ 3000 PSI. - AVG ROP - 7.15 FPH. - PUMPED 40BBL HI-VIS SWEEP EVERY 45' - WASHED UP & REAMED DOWN ONE SINGLE - DROPPED 4 RAPID SWEEP STICKS EVERY CONNECTION

Foreman Remarks

THE MAIN OBJECTIVE OF THIS WELL IS TO INTERSECT SARAH RESERVOIR WITHIN A W-E MINOR DISTRIBUTARY CHANNEL AND COMPLETE THE WELL FOR PRODUCTION,
THE EXPECTED THICKNESS OF SARAH FORMATION IS +/- 176 FT.
==========JOURNEY MANAGEMENT==========
*1161 KM FROM DMM GATE. FOLLOW ROUTE F/ ARAR TO TURAIF 120 KM TURN RIGHT & FOLLOW RIG SIGN (AD-84) TO LOCATION, 60 KM SKID ROAD.
*CALL ARAMCO OFFICE AT 0112858536 / 0112858533 PRIOR TO TURNING OFF MAIN BLACKTOP.
*PROVIDE CLERK - NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
*JLMN-84 IS LOCATED 4 KM W OF JLMN-90, 12 KM NE OF JLMN-42 AND 8 KM NW OF JLMN-100.
==========SAFETY DATA==========
DAYS WITHOUT (LTI) LOSS TIME INJURY: 534 DAYS.
- JSA REVISED:22, PTW:22 LOTO:4, INDUCTION:2, DRILLS:0, NM:0
- TOTAL SOC'S:53, STOP WORK:3, SUBSTANDARD ACTIONS:18, POSITIVE CARDS:16, SUBSTANDARD CONDITION:19
- LAST INHOUSE AUDIT: 11-12-2025 TOTAL FINDINGS 32, CLOSED 20, OPEN 12
- LAST LP RSI AUDIT: 07-26-2025 TOTAL FINDINGS 11, CLOSED 11, OPEN 00
- DISCUSSED SAFETY STOP CARDS, HOUSEKEEPING, PINCH POINTS WHILE WORKING WITH BHA & STOP WORK AUTHORITY IMPLEMENTATION.
==========ARAMCO PERSONNEL==========
- RIG CLERK SYED MOHAMMAD ASIM - BADGE #8154932, ON LOCATION SINCE 10/28/25
- ARAMCO SAFETY ADVISOR SHAILESH WARKAR #8980959 ON LOCATION 01/25/2026 AT 10:30 HRS.

==========RENTAL TOOLS==========
- COUGAR 12" SHOCK SUB, SN#STS-1200-140 ON LOCATION 14/01/2026, P/U 15/01/2026 @ 1100, L/D 17/01/2026 @ 0830, B/L ON 23/01/2026 @1400
- COUGAR 9" HMDJ SN#DJ6-900-032 ON LOCATION 14/01/2026, P/U 19/01/2026 @ 0030, L/D ON 21/01/2026 @ 0300, B/L ON 23/01/2026 @1400
- COUGAR 9" HMDJ SN#DJ6-900-091 ON LOCATION 23/01/2026 @1400, P/U @1750, L/D 1/26/26 @15:15, P/U 1/26/26 @19:45

LIMITED MORNING REPORT

JLMN-84 EXPLORATION DRILLING BI-1514

01/06/2026 - 02/24/2026

==========RENTAL PIPE==========
160 JTS OF 5-1/2", 24.7#, S135 W/ XT-54 CONNECTION, RECEIVED ON LOCATION ON 06/26/2025,
==========WELLSITE RENTAL EQUIPMENT==========

* 1 EA SAMARA TAXI SERVICE ON LOCATION ON 1/22/2025, CAR NUMBER 8582 TNR.
* 1 EA AL-FUWAILEH TANKER ON LOCATION 11/01/2025 PLATE# 9332 LJA UNDER DRSS#3000353648.

==========LITHOLOGY==========
- LAST SAMPLE: 8450' 20% SHALE, 50% SANDSTONE, 30% SILTSTONE
- LAST TRIP GAS: 0
- LAST CONNECTION GAS: 0
- MAX F.GAS: 2.7% @8421'
- MIN F.GAS: 0.02%

==========WELL HISTORICAL DATA==========
- 24" CSG SHOE @ 119 FT.
- 18-5/8" CSG SHOE @ 997 FT.
- 13-3/8" CSG SHOE @ 3024 FT.
- 9-5/8" CSG SHOE PLANNED @ 9,656 FT.
- 4-1/2" CSG SHOE PLANNED @ 13,148 FT.

==========

* WATER WELL: JLMN-843, AND STWW-15001
* WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY PURE LINE**.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5RR	8,232	8,466	DP Av	DC Av	Bit HHP	35	100	M223	12.25	HTC
234.00	299.24	222								
Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
3,000	950	205				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
7912435	DD506TX	6 x 18 /	1.491							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	108.7	320	330	315	28		66.3
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5.5	144	5.5	4.67	0	1,194.9	XT54	XT54	24.7	139,400.535	XD105	PREM	RIG
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	469.68	1,194.9	XT54	XT54	52.51	139,400.535		CONV	ON FILE
10	Crossover	RIG	6.5	1	6.5	2.875	3.63	725.22	XT54	NC46	91	114,737.638			H9-4650
9	Drillcollar	RIG	6.5	3	6.5	2.83	91.4	721.59	NC46	NC46	91	114,407.308		SPRL	
8	Crossover	RIG	6.5	1	6.5	2.875	1.6	630.19	XT54	NC46	90.78	106,089.908			H9-4637
7	Drillcollar	RIG	8.5	3	8.5	3	91.55	628.59	6 5/8 REG	6 5/8 REG	169	105,944.66		SPRL	
6	Hydraulic Jar	CTC	9	1			29.97	537.04			169	90,472.71			DJ6-900-91
5	Drillcollar	RIG	8.5	15	8.5	2.813	458.13	507.07	6 5/8 REG	6 5/8 REG	169	85,407.78		SPRL	ON FILE
4	String Reamer	RIG	12.25	1	8.5	3.81	8.57	48.94	6 5/8 REG	6 5/8 REG	169	7,983.81			528.4.5.270
3	Drillcollar	RIG	8.5	1	8.5	2.813	30.9	40.37	6 5/8 REG	6 5/8 REG	166	6,535.48		SPRL	ON FILE
2	Near Bit Roller Reamer	RIG	12.25	1	8.5	3	8.32	9.47	6 5/8 REG	6 5/8 REG	169	1,406.08		3 POINT	528.4.5.183
1	Bit	HTC	12.25	1	12.25		1.15	1.15				0			7912435

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	N/A	N/A	N/A	535	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SLC	SUW	RIG	BDF	PW	XLG	RIG	ARM	OTH	OTH	ARM	FME	GCD
Category	CSV	CTRG	RIG	DFMS	ISPCT	MLS	OTHR	OTHR	RENT	VAC	WSC	WHES	ISS
No. of Persons	1	15	37	2	4	4	21	2	9	1	2	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	12	12	12	12	12	12	12	10	24	0	0

Total
101

TRUCKS/BOATS

Standby/Tankers
P/U: DOOR#C012, PLATE#6975 LTB

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	233	220	40	4550

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LIMITED MORNING REPORT

JLMN-84 EXPLORATION DRILLING BI-1514

01/06/2026 - 02/24/2026

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Username: YUAYANAL
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Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

QTAD-3 EXPLORATION DRILLING BI-1514

11/25/2025 - 02/11/2026

أرامكو السعودية
saudi aramco

AD-85 @ QTAD-3 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: AD-85
Well: QTAD-3
Wellbores: (0) QTAD_3_0

Charge #: (85-25902-1382)
Wellbores: (0) QTAD_3_0

Objective : (WELL OBJECTIVES: QTAD-3 IS AN APPRAISAL WELL TARGETING SARAH FORMATION IN QATTAD FIELD IN THE WIDYAN)

Foreman(s): BENKABOUCHE, MOHAMMED / DYER, ROBERT WALTER
Engineer: ALMASLOOM, ABDULTAYEB MOHAMMED
Manager: GARNI, HUSAM MANSOUR

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+8821 6777 13814	0112858540	0112858537

Last 24 hr operations
PERFORM WIPER TRIP, CHC, POOH FOR BAKER WIRELINE LOG #2

Next 24 hr plan
POOH FOR BAKER WIRELINE LOG #2, RUN BAKER WIRELINE LOG #2 (SPECTRAL GR - NEUTRON - DUAL DENSITY- SPECTROSCOPY- RESISTIVITY)

Location
RIG LOCATION 1083 KM F/DMG, LOCATED 0.833 KM S45E OF JLMN-853 AND 2.01 KM S86E OF JLMN-854.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,512	9 5/8	12547	12492				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15512	47.1 (12/12/2025@0230)	100	0	1083	1,083

Formation Tops

Formations	Top Depth	Comments
JILH	2,006	22 FT SHALLOWER
KHFF	2,127	16 FT SHALLOWER
UNYZ	3,147	20 FT SHALLOWER
BRTH	3,587	92 FT SHALLOWER
JUBH	4,907	43 FT DEEPER
JAUF	5,522	393 FT SHALLOWER
QASR	6,442	465 FT SHALLOWER
TWLF	6,643	438 FT SHALLOWER
SHRR	11,063	402 FT SHALLOWER
QUSB	12,300	162 FT DEEPER
QBHS	14,735	148 FT SHALLOWER
SARH	14,765	156 FT SHALLOWER
QASM	15,024	161 FT SHALLOWER
QWRH	15,262	293 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	8 3/8	E	CT	TI	STDP	RIG	15512	15512	8854	12500	TRIPPED IN CASED HOLE 8-3/8" CLEAN OUT BHA. - FILLED DRILL STRING EVERY 20 JTS.
0700 - 0730	0.5	0	8 3/8	E	DRLG	OTH	NA	AR1	15512	15512			ACCUMULATED FILL UP TIME.
0730 - 0900	1.5	0	8 3/8	E	CT	CIRC	MPMP	RIG	15512	15512			CIRCULATED ONE BOTTOM UP AT 9-5/8" SHOE. * FR=250 GPM, SPP=1022 PSI * MAX TRIP GAS @ SHOE = 0.2%
0900 - 1215	3.25	0	8 3/8	E	CT	TI	STDP	RIG	15512	15512	12500	15512	TRIPPED IN OPEN HOLE 8-3/8" CLEAN OUT BHA. * HOLE IN GOOD CONDITION * FILLED DRILL STRING EVERY 20 JTS. * WASHED DOWN LAST 2 STAND
1215 - 1530	3.25	0	8 3/8	E	CT	CIRC	MPMP	RIG	15512	15512			CIRCULATED HOLE CLEAN * PUMPED HI-VIS PILL * MAX GAS TRIP=20.9% AFTER 72 HR OF LAST CIRCULATION * TOOK SLOW PUMP RATE * SPOTTED 200 BBLS OF HI-VIS AT BOTTOM
1530 - 1545	0.25	0	8 3/8	E	CT	CIRC	MPMP	RIG	15512	15512			FLOW CHECKED THE WELL. WELL STATIC
1545 - 1630	0.75	0	8 3/8	E	CT	TO	STDP	RIG	15512	15512	15512	15010	TRIPPED OUT OF OPEN HOLE WITH 8-3/8" CLEAN OUT BHA. * HOLE IN GOOD CONDITION * FILLED UP CONTINOUSLY WITH TRIP TANK. * POOH 5 STANDS
1630 - 1645	0.25	0	8 3/8	E	CT	CIRC	MPMP	RIG	15512	15512			FLOW CHECKED THE WELL. WELL STATIC
1645 - 1915	2.5	0	8 3/8	E	CT	TO	STDP	RIG	15512	15512	15010	12547	TRIPPED OUT OF OPEN HOLE WITH 8-3/8" CLEAN OUT BHA TO 9-5/8" SHOE. * HOLE IN GOOD CONDITION * FILLED UP CONTINUOUSLY WITH TRIP TANK.
1915 - 1930	0.25	0	8 3/8	E	CT	CIRC	MPMP	RIG	15512	15512			FLOW CHECKED THE WELL AT 9-5/8" CSG SHOE. WELL STATIC
1930 - 2200	2.5	0	8 3/8	E	CT	RR	DWKS	RIG	15512	15512			SLIPPED & CUT DRILL LINE. *MONITOR WELL VIA TRIP TANK.
2200 - 2230	0.5	0	8 3/8	E	CT	RR	DWKS	RIG	15512	15512			RECALIBRATED & TESTED CROWN/FLOOR ANTI-COLLISION SYSTEM, GOOD.
2230 - 2300	0.5	0	8 3/8	E	CT	RR	TDS	RIG	15512	15512			RIG SERVICE- GREASED WASHPIPE & TRAVELING BLOCK.
2300 - 0459	6	0	8 3/8	E	CT	TO	STDP	RIG	15512	15512	12547	1799	TRIPPED OUT IN CASED HOLE WITH 8-3/8" CLEAN OUT BHA.

LIMITED MORNING REPORT

QTAD-3 EXPLORATION DRILLING BI-1514

11/25/2025 - 02/11/2026

Foreman Remarks

WELL OBJ: QTAD-3 IS AN APPRAISAL WELL TARGETING SARAH FORM IN QATTAD FIELD IN WIDYAN SUB-BASIN. WELL WILL APPRAISE SARAH IN JALAMID N. SEISMIC BLOCK # 4 BY TARGETING POROUS COARSE-GRAINED SARAH FACIES, WHERE CHANNEL LOCATED IN HIGH PRESS ZONE. THE MODELING PERFORMED INDICATES 265' OF CHANNEL THICKNESS WITH 65' RESERVOIR THICKNESS. THE PROPOSED TOTAL DEPTH IS 15,749 ' TVD, APPROX 250' BELOW QWRH.
==========JOURNEY MANAGEMENT==========
RIG LOCATION & JOURNEY MANAGEMENT: 1083 KM F/ DAMMAM GATE.
F/ AR'AR CITY TRAVEL 30KM, TURN RIGHT, TRAVEL 40KM ON SKID ROAD FOLLOW SIGN BOARD F/ BLACK TOP.
PROVIDE CLERK - NAME OF COMPANY, # OF PERSONNEL, VEHICLE COLOR & EMER CONTACT # OF BASE PERSONNEL.
NIGHT DRIVING BY 3RD PARTY PERSONNEL IS NOT RECOMMENDED.
==========SURFACE COORDINATE==========
N-3482756.12, E-660829.27
==========SAFETY DATA==========
- DAYS WITHOUT LOSS TIME INJURY: 500 DAYS.
- JSA REVISED:04, PTW:08, LOTO: 01, INDUCTION: 04, DRILLS: 0
-TOTAL SOC'S: 23, STOP WORK:1, SUBSTANDARD ACTIONS:04,
- SUBSTANDARD CONDITION: 06, POSITIVE CARDS:13.
- DOECD RHSEI AUDIT TOTAL: 40, CLOSED: 40, OPEN: 0.
-1ST INHOUSE AUDIT (19-02-2025) - TOTAL FINDINGS: 42, CLOSED: 42, OPEN: 0
-2ND INHOUSE AUDIT (22-09-2025) - TOTAL FINDINGS: 59, CLOSED: 59, OPEN: 0
-3RD INHOUSE AUDIT (15-11-2025) - TOTAL FINDINGS: 25, CLOSED: 13, OPEN: 11
- GAP ANALYSIS AUDIT NOV 2025 - SCORED - 94.6%.
- HSE ALERT SHARED: BEC MEETING. LOADER TIPPED OVER WHILE PREPARING WALKWAY
==========ARAMCO PERSONNEL==========
ARAMCO CLERK - KAMRAN ASGHAR - BADGE #8698704 - ARRIVED ON LOCATION 03-AUG-2025
ARAMCO FIELD SUPERINTENDENT - ELCHIN ARIF MAMIYEV - BADGE# 720806 ON LOCATION 1/24/26
==========LITHOLOGY==========
MAX TRIP GAS: 20.9%
==========RIG PERSONNEL==========
CREW SHORTAGE 0
==========RENTAL TOOLS==========
- 6-1/2" COUGAR HMJ S/N: DJ6-650-577 ON LOC 24-JAN-2026, P/U 23:00 HRS ON 1/26/2026
==========RENTAL PIPE==========
- 160 JTS OF 5-1/2", 24.7#, S135, XT-54 CONNECTION, RECEIVED ON LOCATION ON: 07-AUG-2025
==========WELLSITE RENTAL EQUIPMENT==========
- 1 EA SAMARA TAXI ON LOCATION: 30-DEC-2025 PLATE#: 7921XVR, DOOR-88
- 1 EA RBOUA AL-SAMAN SPRAY TANKER ON LOCATION: 10-OCT-2025. PLATE: 7005TXA
- ROBOUA TANKER #: 3776-LXA & 3899-LXA. DRSS# 3000374885. 1/13/2026 TOTAL=2 TRIP
==========ARAMCO VEHICLE==========
PLATE-4057-UTB, DOOR-C013
==========WW==========
WW: TWW-11504 6.93KM, JLMN-853 0.83KM
PUMPS & FLEXIBLE HOSES PROVIDED BY PURELINE F/ WATER WELLS TWW-11504 9KM, JLMN-853
==========UPCOMING WELL==========
NEXT WELL: KHAD-3, 30% COMPLETE
==========CSG DATA==========
- 18-5/8" 115# J-55 BC CSG SHOE SET @: 788'
- 13-3/8" 72# VM95HC VT CSG SHOE SET @: 3492'
- 9-5/8" 58.4# VM110HC VT-HC-NB CSG SHOE SET @: 12,547'MD, 12,492' TVD
- 4-1/2" 15.1# VM125HC VT-HA-KA CSG SHOE: 15,807' +/-

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
110 PCF	1	0API	57	622 Volts	3.23	0	44,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.8HTHP	14	21	0.1	12 / 18	INVER	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
75	0	54	29	10 / 12	0	0	3

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
110 PCF	1	0API	57	607 Volts	3.23	0	44,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.8HTHP	14	22	0.1	12 / 19	INVER	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
76	0	54	29	10 / 12	0	0	3

MUD TREATMENT

BARITE
3 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
7RR	15,512	15,512	DP Av	DC Av	Bit HHP	N/A	N/A	135	8.375	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	I-Row	O-Row	DC	Location	Bearings
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
Z126AT	GTXG3	3 x 18 /	0.746							
Gauge	**Other**	**POOH Reas**								
N/A										

Username: YUAYANAL
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Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

QTAD-3 EXPLORATION DRILLING BI-1514

11/25/2025 - 02/11/2026

أرامكو السعودية
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DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
							0

Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
8	Drillpipe	RIG	5.5	1	5.5	4.67	31.53	1,267.55	XT54	XT54	24.7	133,915.59	CYX105	PREM	ON FILE
7	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	460.86	1,236.02	XT54	XT54	52.51	133,136.799		CONV	ON FILE
6	Crossover	RIG	6.5	1	6.5	2.875	3.65	775.16	XT54	NC46	91.69	108,937.041			H9-4765
5	Drillcollar	RIG	6.5	3	6.5	2.813	92.24	771.51	NC46	NC46	91.69	108,602.372		SPRL	ON FILE
4	Hydro-Mechanical Jar	CDS	6.5	1	6.5	2.5	29.28	679.27	NC46	NC46	1,400	100,144.887			DJ6-650-577
3	Drillcollar	RIG	6.5	21	6.5	2.813	645.14	649.99	NC46	NC46	91.69	59,152.887		SPRL	ON FILE
2	Bit Sub	RIG	6.5	1	6.5	2.875	4	4.85	4 1/2 REG	NC46	0	0			H9-4817
1	Bit	HTC	8.375	1	8.375		0.85	0.85	4.5 REG			0			Z126AT

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	N/A	SEASONAL	N/A	SEASONAL	500	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	BDF	WUD	RIG	XLG	RIG	ARM	SJC	OTH	OTH	ARM	BAW
Category	CTRG	RIG	DFMS	MPD	MED	MLS	OTHR	OTHR	PCS	RENT	VAC	WSC	WLS
No. of Persons	15	38	1	8	1	4	26	4	1	5	1	2	9
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	0	24	12	24	24

Total
115

TRUCKS/BOATS

Standby/Tankers
PLATE-4057-UTB, DOOR-C013

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	750	251	165	47	3800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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NEW RIG MOBILIZATION BI-MOB

11/18/2022 - 01/31/2026

أرامكو السعودية
saudi aramco

ADC-110 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-110
Well: *MOBILIZATION*
Wellbores:
Charge #: ()
Wellbores:
Objective : (WATER INJECTOR)

Foreman(s) DAVIDSON, SIMON / STUCCHI, ALESSANDRO
Engineer ALOTAIBI, MASHARI RASHED
Manager FARTAS, ZAHIR EL AMAR

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 4135	013-673744 1	013-673807 2

Last 24 hr operations
N/U 13 5/8" BOP, BELL NIPPLE OVERSHOT AND DIVERTER. OFFLOAD FIRST SPUD BOAT. MIX WBM AND OBM.

Next 24 hr plan
P/U & R/B 5 1/2" DP. OFFLOAD 2ND SPUD BOAT. MIX WBM AND OBM.

Location: SFNY-4030/4039 PLATFORM
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,135	13 3/8	5124	4812				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
5135	0 (@)	100			

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1200	7		PRE	M	MAIN	RU	NA	RIG					CONT. INSTALL KILL AND CHOKE COFLEXS. - ARRANGE SCAFFOLDING AS NEEDED. - OFFLOAD CARGO AND BULKS FROM VESSEL.
1200 - 1400	2		PRE	M	MAIN	RU	NA	RIG					INSTALL HYDRAULIC HOSES . - ARRANGE SCAFFOLDING AS NEEDED. - OFFLOAD CARGO AND BULKS FROM VESSEL.
1400 - 1500	1		PRE	M	MAIN	PJSM	NA	RIG					HOLD PRE SPUD AND STUCK PIPE PREVENTION MEETING.
1500 - 1630	1.5		PRE	M	MAIN	RU	NA	RIG					INSTALL HYDRAULIC HOSES . - ARRANGE SCAFFOLDING AS NEEDED. - OFFLOAD CARGO AND BULKS FROM VESSEL.
1630 - 2230	6		PRE	M	MAIN	RU	NA	RIG					NIPPLE UP BELL NIPPLE AND SECURE SAME, INSTALL OVERSHOT AND SECURE SAME. - OFFLOAD CARGO AND BULKS FROM VESSEL. - COMMENCE MIXING 70 PCF WBM.
2230 - 0459	6.5		PRE	M	MAIN	RM	NA	RIG					N/U DIVERTER. - CONTINUE MIXING 70 PCF WBM.

Foreman Remarks

==========RIG POSITION & DATA==========
*LAT: 28 DEG 21.627' N, LONG: 049 DEG 02.905' E
*RIG HEADING: 333 DEG
*FINAL PENETRATIONS STBD 11.0 FT - BOW 11.2 FT - PORT 11.0 FT.
* AIR GAP= 45'
* WATER DEPTH= 96.8'
* RKB TO MSL = 108.58'
* RKB TO ML= 205.38'
==========
HELD FIRE AND EVACUATION DRILLS 01/21/2026
==========
ARAMCO HSE AHMED ALRUQAYI BADGE# 791182 ARRIVED ONBOARD 01/23/2026
ARAMCO MATERIALS ALSHAMMARI, MOHAMMED BADGE# 8552734 ARRIVED ONBOARD 01/24/2026
TUSHAR GHAG ARAMCO AUDITOR BADGE # 8585287 ARRIVED ONBOARD 01/26/2026
SAAD ALSHEHRI ARAMCO DRILLING ENG BADGE# 795046 ARRIVED ONBOARD 01/27/2026 FOR PRE-SPUD MEETING & STUCK PIPE PREVENTION.
==========
ADC RIG MANAGER VISIT KAMEL MEDJEBOUR BADGE# 8740064 01/27/2026
==========

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	10-20 KNTS	2-4 FT SWELL	SEASONAL	919	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	BR1	GOS	RIG	BDF	BHI	ARM	SJC	ARM	CAM	MI2
Category	RINS	CTRG	RIG	DFMS	LWD	OTHR	PCS	WSC	WHES	SCS

Total: 83

Username: YUAYANAL
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Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/18/2022 - 01/31/2026

	No. of Persons	1	13	56	1	2	3	3	2	1	1
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	12	0	24	12	12	12	0	24	0	0

TRUCKS/BOATS

Standby/Tankers	Others
rawabi-207	rawabi-324

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
645	1591	1268	2511	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
1 X RIG PHONE NOT WORKING THURAYA NOT WORKING PRINTER NOT WORKING. AVIATION RADIO NOT WORKING.		

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LIMITED MORNING REPORT

MRJN-863 DEVELOPMENT DRILLING BI-60

05/05/2024 - 04/11/2026

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ADC-130 @ MRJN-863 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-130
Well: MRJN-863
Wellbores: (0-1-1) MRJN_863_2

Charge #: (66-23073-0863)
Wellbores: (0-1-1) MRJN_863_2

Objective : (DUAL LATERAL TARGETING SFNY)

Foreman(s) ALOHALI, MUHANNAD MOHAMMED / AJAJI, ABDULAZIZ ADEL
Engineer PURWAGAUTAMA, GUSTIORO / ALMANSOUR, MOHAMMED NASSER
Manager SHAMMARY, FAHAD SALEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14205	013-673-19 14 (FOREMA N)	013-829-77 72 (RADIO ROO

CONTRACTOR /CLERK VSA T: 013-673-15 00 (CLERK)

Last 24 hr operations: N/U DIVERTER & OVERSHOT. RIH WITH SLB ICC JETTING & ORIENATATION ASSY.

Next 24 hr plan: SET THE CSLT,POH, PU/MU & RIH W/ 6 1/8" BHI MRSS/MWD/LWD ASSY, DRILL 6-1/8" HS.

Location: MRJN-504, 860/869 PLATFORM

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,525	9 5/8	9007	8050	7	5,197	10,523	6,289

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10525	127.1 (12/26/2025@1200)	100	0	252	

Formation Tops

Formations	Top Depth	Comments
AHMD	5,840	5561 FT TVD
CPCK	5,895	5604 FT TVD
WARA	6,243	5852 FT TVD
MDDD	6,329	5906 FT TVD
SFNY	6,692	6191 FT TVD
SFNR	7,036	6191 FT TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1-1	8 1/2	N	LOG	ND	SNIP	RIG	10525	10525			N/D SHOOTING NIPPLE.
0600 - 0930	3.5	0-1-1	8 1/2	N	BOP	NU	DVRT	RIG	10525	10525			N/U DRILQUIP MANDREL, OVERSHOT & DIVERTER HOUSING
0930 - 1000	0.5	0-1-1	8 1/2	N	DRLG	OTH	NA	RIG	10525	10525			CLEAN & CLEAR RIG FLOOR.
1000 - 1230	2.5	0-1-1	8 1/2	N	TINL	HT	BHA	RIG	10525	10525			HPJSM, P/U AND M/U SLB ICC SURVEY BHA AND FLUSH TEST WITH 300 GPM
1230 - 1545	3.25	0-1-1	8 1/2	N	TINL	HT	BHA	RIG	10525	10525			CONTINUE TO P/U AND M/U SLB ICC SURVEY BHA. SCRIBE AND CONFIRM OFFSET FROM MWD TO COLLAR.
1545 - 1745	2	0-1-1	8 1/2	N	TINL	ST	STDP	RIG	10525	10525	126	2916	CONTINUE TO RIH SLB ICC SURVEY BHA ON 4" DP AT CONTROL SPEED 2MIN/STAND
1745 - 1815	0.5	0-1-1	8 1/2	N	TINL	RR	TDS	RIG	10525	10525			SERVICE TDS
1815 - 1845	0.5	0-1-1	8 1/2	N	TINL	HT	BHA	RIG	10525	10525			CHANGE HANDLING GEARS TO 5 1/2" DP
1845 - 2000	1.25	0-1-1	8 1/2	N	TINL	ST	STDP	RIG	10525	10525	2916	5187	CONTINUE TO RIH SLB ICC SURVEY BHA ON 5 1/2" DP AT CONTROL SPEED 2MIN/STAND
2000 - 2315	3.25	0-1-1	8 1/2	N	TINL	ST	STDP	RIG	10525	10525	2916	7896	CONTINUE TO RIH SLB ICC SURVEY BHA ON 5 1/2" DP AT CONTROL SPEED 2MIN/STAND. TAGGED ICC 7896FT BIT DEPTH (ICC DEPTH 7828FT)
2315 - 0030	1.25	0-1-1	8 1/2	N	TINL	CIRC	MPMP	RIG	10525	10525			P/U STRING TO 7840FT AND JET ACROSS ICC WITH JETTING TOOL WITH 300GPM, RECIPROCATE STRING 20FT UP AND DOWN WHILE JETTING.
0030 - 0230	2	0-1-1	8 1/2	N	TINL	CIRC	MPMP	RIG	10525	10525			RIH FROM 7860 TO 7896FT BITH DEPTH TO LOCATE ICC KEY SLOT SEVERAL TIME, NO SUCCESS.
0230 - 0459	2.5	0-1-1	8 1/2	N	TINL	CIRC	MPMP	RIG	10525	10525			P/U STRING TO 7840FT AND JET ACROSS ICC WITH JETTING TOOL WITH 300GPM, RECIPROCATE STRING 20FT UP AND DOWN WHILE JETTING.

Foreman Remarks

WELL OBJECTIVE:
MRJN-863 WILL BE DRILLED AS A MAINTAIN POTENTIAL DUAL LATERAL WELL TARGETING SFNY RESERVOIR WITH PILOT HOLE IN MARJAN FIELD. THE WELL WILL BE COMPLETED AS DUAL LATERAL L-4 WITH SMART COMPLETION (ICV), ICD SAND SCREENS, AND ELECTRIC SUBMERSIBLE PUMP.

==========PLATFORM MRJN-504, 861/869 SEQUENCE==========
TOTAL 9 WELLS IN THE PLATFORM.

- MRJN-864 DL RTWI L-2 W/ ESP & SMART COMPLETION (SUSPENDED FOR FLOWBACK).
- MRJN-865 DL SFNY L-4 W/ ESP AND SMART COMPLETION: (SUSPENDED FOR FLOWBACK).

LIMITED MORNING REPORT

MRJN-863 DEVELOPMENT DRILLING BI-60

05/05/2024 - 04/11/2026

- MRJN-861 DL KHFJ L-4 W/ ESP AND SMART COMPLETION: (SUSPENDED FOR FLOWBACK).
- MRJN-863 DL SFNY (PH) L-4 W/ ESP & SMART COMPLETION: (CURRENT WELL).
- MRJN-504 MLS OBSERVATION: CEMENTED TIEBACK COMPLETED AND SUSPENDED.

WELLS COMPLETED BY RIG ADC-110 AND WAITING FOR FLOWBACK:
- MRJN-867 SL KHFJ WITH ESP Y TOOL.
- MRJN-862 SL KHFJ WITH ESP Y TOOL.
- MRJN-868 DL SHUB L-2 WITH ESP Y TOOL.
- MRJN-866 DL RTWI L-2 WITH ESP AND SMART COMPLETION.

==========CURRENT WELL: MRJN-863==========
** PLAN VS ACTUAL CSG POINTS (L0-1-1)
PLANNED TOW (5515 FT MD/5296 FT TVD)- ACTUAL (5507' MD)
PLANNED BOW (5527 FT MD/5307 FT TVD) -ACTUAL (5520' MD)
PLANNED 8-1/2" HOLE : 4138 FT TE (9653 FT MD / 6266 FT TVD) - ACTUAL (10525 FT MD / 6289 FT TVD)
PLANNED 6-1/8" HOLE: 4267 FT IN SFNY (13920 FT MD / 6293 FT TVD)

** PLAN VS ACTUAL CSG POINTS (L0-1-2)
PLANNED TOW (7390 FT MD/6241 FT TVD)
PLANNED BOW (7402 FT MD/6241 FT TVD)
PLANNED 6-1/8" HS TD : 4010 FT IN SFNY (11,400 FT MD / 6274 FT TVD)

==========SAFETY & DRILLS==========
** HSE ALERTS REVIEWED WITH CREWS: 08-26, 09-26, 10-26.
** HELD H2S DRILL ON 22-JAN-26.
** HELD FIRE DRILL ON 22-JAN-25.
** HELD ABANDON SHIP DRILL ON 22-JAN-26.
** HELD SECONDARY DRILL ON 27, NOV, 2025.
** HELD MAN DOWN DRILL ON 8,1, 26.
** HELD H2S RESCUE DRILL ON 8,1,26.
** HELD MAN OVERBOARD ON 09,11,25.
** HELD RESCUE AT HEIGHTS DRILL ON 04, 11, 25.
** HELD CONFINED SPACE DRILL ON 15, 11, 25.
** OIL SPILL EQUIPMENT DRILL: 25,09,25.
** WEEKLY HSE CAMPAIGN (FIRE INCIDENTS).

==========PERSONNEL ONBOARD==========
** ARAMCO MATERIAL EXPEDITOR BAQER JERANI # 822104 DEPARTED RIG ON JAN 27, 2026.
** ARAMCO MATERIAL EXPEDITOR MAHER AL OTABI # 8616934 ARRIVED RIG ON JAN 13, 2026.
** ARAMCO MATERIAL EXPEDITOR MISHARI ALGHAMDI # 821851 DEPARTED RIG ON JAN 24, 2026.
** ARAMCO MATERIAL EXPEDITOR RAED ALJURBUA # 8389808 ARRIVED RIG ON JAN 21, 2026.
** ARAMCO PDP RAYAN A SALAMA #810451 DEPARTED RIG ON JAN 26, 2026.
** ARAMCO PDP AYMAN ALHARBI #828430 ARRIVED RIG ON JAN 27, 2026.
** ARAMCO HSE MOHAMMED ALQATARI #825182 ARRIVED RIG ON JAN 27, 2026.
** ARAMCO HSE BADER ALDOSARI #796745 ARRIVED RIG ON JAN 27, 2026.

==========DRILLING CONTRACTOR MANAGEMENT VISITS==========
- ADC RIG MANAGER LAST VISIT DEC 29, 2025
- ADC OPERATION MANAGER LAST VISIT AUG 19 2025

==========RENTAL EQUIPMENT ON BOARD==========
NOV CENTRIFUGE.
4-3/4" WFD JAR.
4-3/4" WFD PBL.
==========SUSPENSION KIT ON BOARD==========
- 2 X 7" EZSV WITH BRASS.
- 2 X 9-5/8" EZSV WITH BRASS.
==========LC-50 SAMPLE==========

==========RIG DATA==========
FINAL POSITION: LAT: 28 DEG 30.99' N, LONG: 049 DEG 32.15' E.
RIG HEADING: 330 DEG.
WATER DEPTH: 160.4 FT.
AIR GAP = 46 FT
RKB TO HULL: 64 FT
RKB TO MSL = 109.7 FT
RKB TO ML = 269.2 FT
ODF CORRECTION = - 2.7 FT
ODF TO MSL = 107 FT
ODF TO ML = 266.5 FT

INITIAL PENETRATION:
BOW LEG 13 FT; PORT LEG 12.6 FT; STBD LEG 12.3 FT
FINAL PENETRATION:
BOW LEG 14 FT; PORT LEG 13.80 FT; STBD LEG 13.20 FT

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	52	600 Volts	17.75	0	251,268
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.6HTHP	27	22	0	14 / 18	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
	0	31	21	10 / 11	0	0	0

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MRJN-863 DEVELOPMENT DRILLING BI-60

05/05/2024 - 04/11/2026

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Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	52	480 Volts	17.75	0	251,268
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.6HTHP	27	21	0	15 / 20	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
88	0	33	21	10 / 11	0	0	0

MUD TREATMENT

CACO3-25	CACO3-50	MRBL-M	MRBL-F	SOLFLKF	SOLFLKM	WELL-SEAL M
40 (25KG)	40 (25KG)	1 (2200L)	13 (2200L)	44 (50LB)	88 (50LB)	50 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
11RR	10,454	10,454	DP Av	DC Av	Bit HHP	16	140	217	8.5	VAR
Pressure	**GPM**	**Jet Vel**	262.61	367.65	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,900	450	N/A				1	1	WT	A	E
Serial Numi	**Type**	**Jets**	**TFA**							
7500646	HE4GMRS	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	96	201	238	173	5		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	N/A	16-18 WNW	2-5 FT	N/A	922	N/A

PERSONNEL AND SERVICES INFORMATION

Company	GOS	BHI	WWB	RIG	BDF	BAR	SML	RIG	ARM	HCM	BRD	ARM	WWW	BAW
Category	CTRG	DPDS	DRF	RIG	DFMS	DFMS	MULS	OTHR	OTHR	PCS	SCS	WSC	WTSE	WLS
No. of Persons	14	2	1	46	1	1	4	5	4	3	1	2	2	5
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	24	24	24	24	24	12	24	24	24	0	5

Total
91

TRUCKS/BOATS

Standby/Tankers
rawabi-209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2800	1320	1560	2504	0	2025

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-1946 WORKOVER-1 BI-60

01/27/2026 - 03/18/2026

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ADC-14 @ HRDH-1946 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADC-14 Well HRDH-1946 Wellbores: (0) HRDH_1946_0	Charge #: (71-25058-1946) Wellbores: (0) HRDH_1946_0	Objective : (DE-COMPLETE, CUT AND MILL 7" PKR, MILL 7" LNR, SIDETRACK, DRILL IN 1 HOLE-SIZE, COMPLETED WITH 4-1/2)	Foreman(s) MUBARK, YAQOOB YOUSEF / MAHMOUD, MOHAMED MAHMOUD / BARDALAH, KAREEM MOHAMMAD Engineer Manager ALJASEM, MOHAMMED JAWAD / ALDOSARI, ABDULRAHMAN MUTLAQ THURAYA +882167771 1078 | RIG FORMAN VSAT 577-3938 | MOBILE 056-852-59 54 FAX VSAT 880-7327 | CONTRACTOR /CLERK VSA T 577-3509

Last 24 hr operations	Next 24 hr plan
RIG DOWN AT HRDH-1941 & RIG MOVE TO HRDH-1946.	RIG DOWN AT HRDH-1941 & RIG MOVE TO HRDH-1946.

Location	Next Location
HRDH	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,307	9 5/8	11225	11225	7	10,930	14,307	14,300

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14307	0 (@)	100	0	218	218

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	RM	RD	NA	RIG	14310	14310			HELD DAILY SAFETY MEETING WITH ALL PERSONNEL INVOLVED IN RIG DOWN & RIG MOVE, DISCUSSED RIG DOWN & RIG MOVE OPERATIONS HAZARDS, COMMUNICATION, JOB SPECIFIC JSA & LIFT PLANS FOR RIG EQUIPMENT. DISCUSSED SAFETY PRECAUTION FOR HAZARDS OF RIG MOVE INCL FALL PROTECTION, OVER HEAD LOADS, SLIPS, TRIPS & FALLS. RIG DOWN AT HRDH-1941 & & RIG MOVE TO HRDH-1946. >> RIG DOWN: 30%. >> RIG MOVE: 20%. >> RIG UP: 5%. >> DISMANTLE CHOCK MANIFOLD, POOR BOY DEGASSER & MUD TANKS AND LOADED ON TRUCKS. >> HPJSM, R/D BOP WINCHES. >> RIG DOWN TDS. >> SECURE ROTARY HOSES, SERVICE LOOP AND AIR WINCHES WITH MAST. >> R/D STAND PIPE SKID. >> R/D RIG FLOOR EQUIPMENT. >> PREPARE TO LOWER RIG FLOOR. >> GENERAL RIG DOWN RIG EQUIPMENT. >> SECURE TRAVELLING BLOCK IN THE MAST. >> PIN LOWER CYLINDERS WITH RIG FLOOR. >> RIG RELEASED FROM HRDH-1941 TO HRDH-1946 ON JAN 27, 2025 @ 00:00 HRS. >> DAYS SINCE RIG RELEASED: 1.21 DAYS. >> PRE-MOVE LOADS : 30. >> DAILY/TOTAL LOADS: 31/61.

Workover Objectives

Foreman Remarks

>> DRILLS: NONE.
>> NEAR MISS: NONE.
- HSE ALERT - 08-26 - ROUSTABOUT ANKLE TWISTED
- HSE ALERT - 09-26 - TRUCK ROLLOVER
- HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
==========ARAMCO PERSONNEL ON LOCATION==========
>> YAZIED ALMUTAIRI, MATERIAL EXPEDITOR #820703, ON LOCATION 1/14/2026.
>> IBRAHEEM ALHAZZA SNR FCT ON LOCATION 01/21/2026.
>> TALEB ALGHUWAIYRI, MATERIAL EXPEDITOR, ON LOCATION 01/21/2026.
==========THIRD PARTY PERSONNEL & EQUIPMENT==========
>> RAWABI EMEC MUD ENG. ON LOCATION.
>> TODAY CREW SHORTAGE: NONE.
========== RIG VISIT==========
>> N/A
==========DIR SURVEY DATA==========
>> N/A.
==========MISCELLANEOUS==========
>> IMPLEMENTING CLOSED LOOP SYSTEM (RE-ENTRY TYPE, USING 3-SIDE BIN ONLY).
>> USED CMT PIT WITH PLASTIC LINER.
>> NOT USING WATER PIT & WASTE PIT.
>> PITLESS LOCATION GUIDELINE: (Y). WASTE PIT EXISTED ON LOCATION PRIOR RECEIVING THE WELLL .
==========NEXT WELLS==========
>> 1ST WELL: HRDH-1260, PRE SET KHUFF C, PRE-WORKOVER MEETING DONE, STRIP OUT 0%, LOCATION PREPARATION 0%, WOCP NOT INITIATED.
>> 2ND WELL: HRDH-934, WHIPSTOCK EVALUATION FOR KHUFF, PRE-WORKOVER MEETING DONE, STRIP OUT 0%, LOCATION PREPARATION 0%, WOCP RUNNING.

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HRDH-1946 WORKOVER-1 BI-60

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DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	5,344	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SCC	RIG	EMC	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC
No. of Persons	14	38	1	70	3	3
Personnel on Loc. Hrs.	24	24	24	24	24	24
Operating Hours.	0	24	12	0	12	24

Total
129

TRUCKS/BOATS

Standby/Tankers
e-782

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	400	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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SFNY-4052 DEVELOPMENT DRILLING BI-60

01/23/2026 - 11/12/2026

ADC-140 @ SFNY-4052 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-140
Well: SFNY-4052
Wellbores: (0) SFNY_4052_0

Charge #: (66-23013-4052)
Wellbores: (0) SFNY_4052_0

Objective : (SFNY-4052 WILL BE DRILLED AS OIL-WATER INJECTOR IN SFNY)

Foreman(s): BAIG, NAIM REZA / ALI, MOHAMED ALI
Engineer: CAKIROGLU, CAGLAR / DAJANI, AMR ALAEDDIN
Manager: SHAMMARY, FAHAD SALEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677714 164	013-673-19 22	013-673-15 14 (RADIO)

CONTRACTOR /CLERK VSA T: 013-673-19 15

Last 24 hr operations
JACK DOWN, CONNECT TUGS, SAIL RIG FROM SFNY-1090/1099 PF TO SFNY-4050/4059 PF. JACK-UP & PERFORMING PRELOAD TEST.

Next 24 hr plan
CONT PRE-LOAD OPERATION, JACK UP TO FINAL AIR GAP, SKID RIG TO WELL CENTER, OFFLOAD SPUD MATERIALS FROM SUPPLY BOATS.

Location: SFNY-4050/4059
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
250	38	250	250				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
250	0 (@)		0	258	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0730	2.5	0	PRE	M	RM	OTH	NA	RIG	0	0			WAIT ON DAYLIGHT TO COMMENCE RIG MOVE FROM PF SFNY-1090/1099 TO PF SFNY-4050/4059. - TUG BOATS STANDBY ON LOCATION: DAY TIDE (LEAD BOAT), ZAMIL-58 (STBY SIDE), SAVOY TIDE (PORT SIDE).
0730 - 0830	1	0	PRE	M	RM	PJSM	NA	RIG	0	0			HOLD PRE-JOB SAFETY MEETING WITH RIG MOVER ADC ALL ADC RIG CREW BEFORE JACK DOWN RIG.
0830 - 0900	0.5	0	PRE	M	RM	OTH	NA	RIG	0	0			JACK DOWN HULL TO 10 FT AIR GAP, CONNECT LEAD BOAT DAY TIDE.
0900 - 1000	1	0	PRE	M	RM	OTH	NA	RIG	0	0			JACK HULL DOWN TO 8 FT DRAFT. - DISCONNECT BOW DEEP WELL PUMP.
1000 - 1100	1	0	PRE	M	RM	OTH	NA	RIG	0	0			PERFORM WATER INTEGRITY TEST, CONNECT PORT BOAT (SAVOY TIDE) AND STBD BOAT (ZAMIL-58).
1100 - 1200	1	0	PRE	M	RM	OTH	NA	RIG	0	0			JACK DOWN TO 15 FT FLOATING DRAFT, RELEASED LEGS.
1200 - 1630	4.5	0	PRE	M	RM	RM	NA	RIG	0	0			RIG MOVE FROM SFNY-1090/1099 PF AND SAILING TO NEXT LOCATION SFNY-4050/4059 PF. - RIG OUTSIDE 500M FROM SFNY-1090/1099 PF @ 13:40 HRS. - RIG APPROACHED FINAL POSITION @ 16:30 HRS.
1630 - 2130	5	0	PRE	M	RM	OTH	NA	RIG	0	0			POSITION RIG, PINNED BOW, STBD & PORT LEGS TO SEABED. JACK UP TO 2 FT AIR GAP. - INITIAL PENETRATION (PORT LEG 4.92', STBD LEG 5.52' & BOW LEG 4.22') - DISCONNECTED RIG MOVE BOATS FROM STBD & PORT SIDES. - LOWERED DEEP WELL PUMPS.
2130 - 0459	7.5	0	PRE	M	RM	OTH	NA	RIG	0	0			HPJSM, PERFORMING PRE-LOAD OPERATIONS ONGOING @RT. - FILL BOW PRE-LOAD TANKS, HOLD FOR 6 HRS... ONGOING.

Foreman Remarks

SFNY-4052 IS A SINGLE LATERAL HORIZONTAL WELL THAT WILL BE COMPLETED ACROSS SFNY RESERVOIR AND UTILIZED AS WATER INJECTOR IN PF SFNY-4050/4059 IN THE EASTERN FLANK OF SAFANIYA FIELD.

==========SFNY-4050/4059 PF==========
BATCH DRILLING SEQUENCE:
- SFNY-4052: 22" HS
- SFNY-4051: 22" HS
- SFNY-4053: 22" HS
- SFNY-4055: 22" HS
- SFNY-4056: 22" HS

==========HOLE SECTIONS==========
* 22" PLANNED DEPTH AT 1554 FT MD/ 1548 FT TVD, ACTUAL DEPTH AT XXXX FT MD/ XXXX FT TVD - +/- 50 FT INTO RUS.
* 16" PLANNED DEPTH AT 4924 FT MD/ 4764 FT TVD, ACTUAL DEPTH AT XXXX FT MD/ XXXX FT TVD - +/- 100 FT TVD INTO LAMS.
* 12 1/4" PLANNED DEPTH AT 6913 FT MD/ 5725 FT TVD, ACTUAL DEPTH AT XXXX FT MD/ XXXX FT TVD - SGSB TE.
* 8 1/2" PLANNED DEPTH AT 9213 FT MD/ 5773 FT TVD, ACTUAL DEPTH AT XXXX FT MD/ XXXX FT TVD - TD.

==========ARAMCO PERSONNEL ONBOARD==========
- ARAMCO ME MOHAMMED ALDAHBUS # 821426 DEPARTED ON 20-JAN-2026.
- ARAMCO ME AHMED ALHUMAIDI #765798 ARRIVED ON 20-JAN-2026.
- ARAMCO ME RAED K ALDUHAIM # 820154 ARRIVED ON 20-JAN-2026.
- ARAMCO PDP RAED ALESSA # 834898 DEPARTED ON 13-JAN-2026.
- ARAMCO PDP MOHAMED SANAD # 810619 DEPARTED ON 23-JAN-2026.
- ARAMCO ME NAWAF AL DOSSARY #8590781 ARRIVED ON 13-JAN-2026 LEFT RIG ON 27-JAN-2026

LIMITED MORNING REPORT

SFNY-4052 DEVELOPMENT DRILLING BI-60

01/23/2026 - 11/12/2026

- ARAMCO FCT RAYAN ALAMRI #796774 ARRIVED ON 13-JAN-2026 & LEFT RIG ON 27-JAN-2026

==========CONTRACTOR MANAGEMENT VISITS==========
- ADC RIG MANAGER KAMAL MEDJEBOUR #8740064 VISITED RIG ON 6-JAN-2026

==========SAFETY & DRILLS==========
* HSE ALERTS REVIEWD WITH CREWS: 08-26, 09-26, 10-26
* HELD SECONDARY DRILL ON: 4 OCT 2025
* HELD PRIMARY DRILL ON: 30 DEC 2025.
* HELD H2S DRILL ON: 26 JAN 2026
* HELD FIRE DRILL ON: 26 JAN 2026
* HELD ABANDON SHIP DRILL ON: 26 JAN 2026
* HELD MAN DOWN DRILL ON: 24 JAN 2026
* HELD H2S RESCUE DRILL ON: 12 JAN 2026
* HELD MAN OVERBOARD DRILL ON: 1 DEC 2025
* HELD RESCUE AT HEIGHTS DRILL ON: 10 NOV 2025
* HELD CONFINED SPACE DRILL ON: 12 JAN 2026
* WELL CONTROL DRILL (PIT & TRIP DRILL): 23 & 27 DEC 2025
* R/A SOURCE DRILL: 5 DEC 2025
* OIL SPILL EQUIPMENT DRILL: 23 DEC 2025
* WEEKLY HSE CAMPAIGN (TOPIC): LINE OF FIRE & SITUATIONAL AWARENESS

==========SUSPENSION KIT ON BOARD==========
- 1 X 13-3/8" EZSV, 2 X 9-5/8" EZSV, 1 X 7" EZSV

==========RIG POSITION & DATA==========
- LATITUDE 28 DEG 25.47 NORTH, LONGITUDE 49 DEG 01.08 EAST
- RIG HEADING: 330 DEG
- FINAL LEG PENETRATION: BOW LEG ', PORT LEG ', STBD LEG '
- AIR GAP: FT
- WATER DEPTH: FT
- RKB TO MSL: FT
- RKB TO ML: FT
==========LC-50 SAMPLE==========

==========NEXT LOCATION==========
- SFNY 4050/4059 .
- PDS CRM SUBMITTED # 8800025252.
- RIG MOVE REQUEST SUBMITTED RM-2025-4013940
- DIVING REQUEST FOR DEBRIS # DP-2026-19871

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	13-15 KNOTS NW	3-5 FT	SEASONAL	932	N/A

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	BDF	RIG	ARM	HCM	ARM
Category	CTRG	RIG	DFMS	OTHR	OTHR	PCS	WSC
No. of Persons	13	47	1	4	5	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	12	12	12	24	24

Total 74

TRUCKS/BOATS

Standby/Tankers
Rawabi-207

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1022	1420	1014	4503	0	2279

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HWYH-1369 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/30/2026

أرامكو السعودية
saudi aramco

ADC-15 @ HWYH-1369 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-15
Well: HWYH-1369
Wellbores: (0) HWYH_1369_0

Charge #: (66-24053-1369)
Wellbores: (0) HWYH_1369_0

Objective : (TO BE DRILLED AS A WS EVALUATION WELL TARGETING UNYZ RESERVOIR AS A PRI. & KHFB/KHFC AS SEC. TARGET)

Foreman(s) TALHAN, ABDULRAHMAN HUSSAIN / IBRAHIM, MOSTAFA ABDOU
Engineer ALNAHDI, ABDULLAH AHMED / ALMARRI, SALEM SAEED
Manager SAIARI, WALEED AAMER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
00-88-216- 7771-1059	013-577-35 95	013-577-35 94 CLERK

CONTRACTOR /CLERK VSA T: 013-829-77 15 RIG

Last 24 hr operations: CONT. RUN & CMT 24" CSG, PERFORM TWO TOP JOBS, WOC, PU/MU & RIH W/ 22" ROTARY DRLG BHA.

Next 24 hr plan: RIH W/ 22" ROTARY DRLG BHA, HYDRO TEST, COC & SHOETRACK, DRILL 22" HOLE SECTION TO +/- 2665' (+/- 50' INTO AHMADI)

Location: HWYH-1369, THE WELL IS LOCATED 0.122 KM N88E OF HWYH-1084 AND 0.601 KM N67E OF HWYH-1072.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
1,690	24	1686	1686				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
1690	9.2 (01/19/2026@0000)	100	0	187	187

Formation Tops

Formations	Top Depth	Comments
RUS	750	50' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	28	N	CSG	RW	CSG	RIG	1690	1690	1607	1690	WASH DOWN LAST TWO JOINTS TO BOTTOM AT 1690'.
0545 - 0745	2	0	28	N	CSG	CIRC	MPMP	RIG	1690	1690			CIRCULATE 1.5 TIMES CASING VOLUME, DISPLACED INSIDE CASING W/ 95 PCF MUD. > R/D FRANKS CASING TOOLS.
0745 - 1215	4.5	0	28	N	CSG	RCSG	STRG	RIG	1690	1690	0	1597	P/U M/U 5-1/2" WFD CMT STINGER ON 5-1/2" PUP JNT. RIH WITH CMT STINGER ON 5-1/2" DP TO 1597 FT. > CUT THE EXCESS OF LANDING JOINT AT 3 FT ABOVE ROTARY. > INSTALL DP/CSG CENTRALIZER ON 5-1/2" PUP JNT. > FILL CSG-DP ANNULUS WITH 95 PCF WBM, STING INTO FS & S/O 10 KIPS. > ESTABLISH CIRCULATION & CONFIRM ISC SEALS HOLDING.
1215 - 1245	0.5	0	28	N	CSG	HT	PEL	RIG	1690	1690			R/U HARD LINES & PUMPING ASSEMBLY, FLUSH & PT SAME TO 2,000 PSI.
1245 - 1300	0.25	0	28	N	CSG	PJSM	CSG	RIG	1690	1690			HPJSM WITH ALL PERSONNEL INVOLVED IN CEMENT JOB.
1300 - 1600	3	0	28	N	CSG	CMC	CSG	BCM	1690	1690			CEMENT 24" CSG AS FOLLOWS: > RIG PUMP 200 BBLS OF WATER AHEAD. > BAKER PUMP 225 BBLS OF 118 PCF CLASS "G" CMT. > DROP DART & DISPLACE WITH 5 BBLS OF CMT FOLLOWED BY 29 BBLS OF WATER. > BUMP PLUG 1000 PSI OVER FCP. BLEED OFF PRESSURE & CONFIRM FLOAT HOLDING. > PRESSURE UP TO 700 PSI & STING OUT OF FLOAT. CONFIRM WITH PRESSURE DROP. > CMT IN PLACE @ 16:00 HRS. > TOTAL CMT CONSUMPTION FOR SURFACE JOB 1100 SXS.
1600 - 1830	2.5	0	28	N	CSG	TOP	CSG	BCM	1690	1690			PERFORM 24" TOP JOB CMT: - BKR MIX & PUMP 100 BBLS CMT SLLURY @ 118 PCF (475 SXS CMT "G") W/2% CACL2. - DROP 30 SKS GRAVEL MEDIUM & 16 SKS CALCUIM CHLORIDE IN ANNULUS WHILE PUMPING TOP JOP. - HAD NO CMT RETURN AT SURFACE WAIT 1 HR & PERFORM 24" 2ND TOP JOB CMT: - BKR MIX & PUMP 50 BBLS CMT SLLURY @ 118 PCF (240 SXS CMT "G") W/2% CACL2. - DROP 16 SKS GRAVEL MEDIUM & 7 SKS CALCUIM CHLORIDE IN ANNULUS WHILE PUMPING TOP JOP. - GOOD CMT @ SURFACE & LEVEL STATIC.
1830 - 2130	3	0	28	N	CSG	WOC	CSG	RIG	1690	1690			WOC MEANWHILE - R/D SURFACE LINES, PUMPING SUB, FLUSH DP W/65 PCF & POOH W/ISC TO SURFACE. B/O AND L/D DP PUP JOINTS AND ISC - R/D FALSE ROTARY TABLE. - ROUGH CUT 30" CSG & RETRIEVE CUT-OFF PIECE - CENTER 24" CSG AND WELD SUPPORT BRACES AGAINST CELLAR. - MONITOR STATIC CMT LEVEL @ SURFACE. - WAIT ON SURFACE SAMPLES GET HARDEN.
2130 - 2330	2	0	28	N	CSG	HT	PEL	RIG	1690	1690			HPJSM, DRAIN 24" CSG. ROUGH CUT 24" CSG & L/D CUT-OFF PIECE. - L/D FRANKS CSG SLIPS & BUSHING. - WELD 2" X 1502 UNION ON 24" CASING.
2330 - 0000	0.5	0	28	N	CSG	RR	TDS	RIG	1690	1690			

LIMITED MORNING REPORT

HWYH-1369 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/30/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													SERVICE TDS & CHECK FOR DROPPED OBJECTS.
0000 - 0459	5	0	28	N	DRLG	HT	BHA	RIG	1690	1690			HPJSM, P/U & M/U 22" ROTARY DRLG BHA: > 22" RR BAKER ROCK BIT (VGA-C310H, S/N: Z896ZT, NOZ: 3*12 & 3*16) + 22" NBRR + 12" SHOCK-SUB + 22" STRR + TELEDRIFT + 22" STRR + 12 JTS X 9.5" DC'S + D.JAR + 3 JTS X 9.5" DC'S+ XO+ 6 JT X 8.5" DC + XO + 9 JT X 6-5/8" HWDP + XO + 9 JTS X 5-1/2 HWDP. > P/U NPS 12" SHOCK SUB (SN: GE-SS-00027) @ 01:00 HRS > P/U KASAB TELEDRIFT @ 02:00 HRS > P/U NPS 9-1/2 JAR (SN: HJDA-950-0027) @ 04:30 HRS

Foreman Remarks

OBJECTIVE
HWYH-1369 IS PLANNED TO BE DRILLED AS A WHIP-STOCK EVALUATION WELL TARGETING UNYZ RESERVOIR AS A PRIMARY TARGET AND
KHFB/KHFC AS A SECONDARY TARGETS. THE WELL BE DRILLED AS MK-1 WITH AN ADDITIONAL CASING STRING TO BE SET 50 FT. INSIDE ARUMA TO ISOLATE UER FORMATION. THE WELL WILL BE COMPLETED WITH 15K CEMENTED LINER.
==========
JOURNEY MANEGEMENT
> ALL VEHICLES SHOULD HAVE ENOUGH SUPPLY OF DRINKING WATER. CALL RIG CLERK FOR DIRECTIONS IF UNCLEAR
> FOLLOW RIG SIGNS ON THE ROAD
==========
ARAMCO POB & VISITORS
> ARAMCO ENGINEER SAAD QAHTANI #758537 ON LOCATION SINCE 01/17/2026.
> ARAMCO CLERK ABDULAZIZ ALANEZI #8219592 ON LOCATION SINCE 01/17/2026.
> ARAMCO CLERK AMJAD YAMI #753519 ON LOCATION SINCE 01/18/2026
> ARAMCO MATERIAL MAN YAHYA YAMI #285583 ON LOC 01/27/2026
> ARAMCO FCT MOHAMAD REHILI #827124 ON LOC 01/27/2026

==========
** PLANNED VS ACTUAL CSG DEPTHS **
30" CSG (50 FT INTO RUS). PLAN: 850 FT, ACTUAL: 800 FT
24" CSG (50 FT INTO ARUMA). PLAN: 1542 FT, ACTUAL: 1690 FT
18-5/8" CSG (50 FT INTO AHMD). PLAN: 2665 FT, ACTUAL:
13-3/8" CSG (50 FT INTO MDTM). PLAN: 5077 FT, ACTUAL:
9-5/8" CSG (30 FT INTO BJDM). PLAN: 10,518 FT, ACTUAL:
7" LINER (10 FT TVD INTO KFBC). PLAN: 12,588 FT MD / 12,414 FT TVD, ACTUAL:
4-1/2" LINER (150 FT TVD IN PUZU). PLAN: 16,228 FT MD / 13,913 FT TVD, ACTUAL:

==========
KPI
> DP TRIPPING KPI: 19 STD/HR / ACTUAL:
> 30" CSG KPI: 3 JTS/HR - ACTUAL: 4 JTS/HR
> 24" CSG KPI: 4 JTS/HR - ACTUAL: 5 JTS /HR
> 18-5/8" CSG KPI: 7 JT/HR - ACTUAL:
> 13-3/8" CSG KPI: 11.5 JT/HR- ACTUAL:
> 9-5/8" CSG KPI: 14 JT/HR - ACTUAL:
> 7" LINER KPI: 14 JT/HR - ACTUAL:
> 4-1/2 LINER KPI: 13 JT/HR - ACTUAL:
> 4-1/2" UPPER COMPLETION KPI: 13.5 JT/HR - ACTUAL:
> INSTALL 18 5/8" X 18-3/4" 5M CSG HEAD KPI: 5 HR/ACTUAL:
> INSTALL 18 3/4" X 13 5/8" 10M CSG SPOOL KPI: 5 HR/ACTUAL:
> INSTALL 13-5/8" 10K X 11" 10K TBG SPOOL KPI: 4 HR/ACTUAL:

==========
RIG AND SERVICE COMPANIES VISITS
> OES MUD SUPERVISOR MOSTAFA ANAN#7287464 VISITED RIG TO CHECK MUD PROPERTIES.
==========
HSE, DRILLS, AND ALERTS
- DISCUSED ARAMCO HSE ALERT -10/26 FIRE AND PROPERTY DAMAGE IN ACCOMODATION
- REEL SAFE VIDEO 02/26 ANKLE INJURY WHILE RIH
- LSR: ISOLATION
** NEAR MISS: NIL
** DRILLS: NIL
** STOP CARD REPORTED: 42
** STOP TOUR REPORED: 4
** DAILY PTW: 11

==========
AUDITS
> LPD (MAY/12/2025): FINDINGS: 20,CLOSED: 20 & OPEN: 0
> RHSEI (MAY/18/2025): FINDINGS: 39, CLOSED: 39 & OPEN: 0
> 4TH QUARTER QSI (NOV/23/2025): FINDINGS: 43, CLOSED: 43 & OPEN: 0
==========
RENTAL TOOLS
> RECEIVED NPS 12" SHOCK SUB (SN: GE-SS-00027) ON 01/26/2026 @ 15:00 HRS.
> RECEIVED NPS 9.5" JAR (SN: HJDA-950-0027) ON 01/26/2026 @ 15:00 HRS.
==========
> ARAMCO VEHICLE (AB-6856) ON LOCATION, NEXT PM SERVICE ON 03-14-2026
> NEXT WELL: HWYH 1601 (NEW WELL) - 0% READY
==========

DAILY SURVEY

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HWYH-1369 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/30/2026

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MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
76 PCF	0	6.2API	0	0 Volts	1.88	9.5	50,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	91	25	0	5 / 8	MUDCAP	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	1	13	9	5 / 6	0	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
76 PCF	0	6.4API	0	0 Volts	1.88	9.5	50,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	91	26	0	5 / 8	MUDCAP	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	1	12	9	5 / 6	0	280	0

MUD TREATMENT

CACL2-98	GRAVL8-12
23 (50KG)	46 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
3RR	1,690	1,690	DP Av	DC Av	Bit HHP	N/A	N/A	435	22	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
Z896ZT	VGAC310H	3 x 12 / 3 x 1(	0.92							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	1	1,303.96	XT54	XT54	24.7	257,311.384	XD105	PREM	ON FILE
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	275.29	1,302.96	XT54	XT54	61.6	257,286.684		CONV	ON FILE
14	Crossover	RIG	8.375	1	8.375	2.813	1.96	1,027.67	XT54	6 5/8 REG	200	240,328.82			8683
13	Heavy Weight Drillpipe (HWDP)	RIG	6.625	9	6.625	4	275	1,025.71	6 5/8 FH	6 5/8 FH	82.748	239,936.82		CONV	ON FILE
12	Crossover	RIG	9.5	1	9.5	2.875	2.6	750.71	6 5/8 REG	6 5/8 FH	200	217,181.12			ON FILE
11	Drillcollar	RIG	8.5	6	8.5	2.813	174.3	748.11	6 5/8 REG	6 5/8 REG	172	216,661.12		SPRL	ON FILE
10	Crossover	RIG	9.5	1	9.5	2.813	2.07	573.81	6 5/8 REG	7 5/8 REG	217	186,681.52			1230
9	Drillcollar	RIG	9.5	3	9.5	3	90	571.74	7 5/8 REG	7 5/8 REG	200	186,232.33		SPRL	ON FILE
8	Hydraulic Jar	NPJ	9.5	1	9.5		29.73	481.74			200	168,232.33			HJDA9500027
7	Drillcollar	RIG	9.5	12	9.5	3	366.84	452.01	7 5/8 REG	7 5/8 REG	217	162,286.33		SPRL	ON FILE
6	Roller Reamer	RIG	22	1	22	3	8.98	85.17	7 5/8 REG	7 5/8 REG	200	82,682.05		3 POINT	52842286
5	Non Magnetic Drill Collar (NMDC)	KSB	9.5	1	9.5	3.5	40.65	76.19	7 5/8 REG	7 5/8 REG	217	80,886.05			ON FILE
4	Roller Reamer	RIG	22	1	22	3	8.9	35.54	7 5/8 REG	7 5/8 REG	200	72,065		3 POINT	52842291
3	Shock Sub	NPJ	12	1	12	3	15.19	26.64	7 5/8 REG	7 5/8 REG	4,500	70,285			GE-SS-00027
2	Near Bit Roller Reamer	RIG	22	1	22	2.8	9.65	11.45	7 5/8 REG	7 5/8 REG	200	1,930		3 POINT	52842335
1	Bit	HTC	0	1	22		1.8	1.8				0			Z896ZT

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	CALM	NA	SEASONAL	3,685	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	FMC	SUW	RIG	OES	MJH	KSB	RIG	ARM	BCM	OTH	ARM
Category	CSR	CTRG	RIG	DFMS	SEC	LWD	OTHR	OTHR	PCS	VAC	WSC
No. of Persons	3	18	38	1	7	2	17	5	3	1	2
Personnel on Loc. Hrs.	10	24	24	24	24	24	24	24	24	24	24
Operating Hours.	3	0	24	24	0	0	12	12	7	10	24

Total
97

TRUCKS/BOATS

Standby/Tankers	Others
AB-6856	rig ambulance

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX

LIMITED MORNING REPORT

HWYH-1369 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/30/2026

	N/A	N/A	N/A	0	0	3100	
REPAIR ASAP	Instrumentation	Other					Reporter
	Computer, Communication & V-Sat Issues						

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/25/2021 - 01/28/2026

أرامكو السعودية
saudi aramco

ADC-16 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective : (MOBILIZATION)	Foreman(s) ADAM, AHMED ABDELSATTAR / ALABDULLAH, MOHAMMED AHMED Engineer CARO MENDOZA, JUAN CARLOS Manager ALWAN, MAYTHAM MERZA
ADC-16	()		THURAYA 0000 | RIG FORMAN VSAT 013-673-99 21 | OTHER VSAT 000 CONTRACTOR /CLERK VSA T 013-673-99 19
Well *MOBILIZATION*	Wellbores:		
Wellbores:			

Last 24 hr operations	Next 24 hr plan
RIG UP ON HRDH-2488 & WORK ON PCI & PRE-SPUD CHECK LIST.	CONT, COMPLETE RIG UP & PRE-SPUD CHECKLIST, SPUD IN & DRILL 28" TO CP.

Location	Next Location
HRDH-2488	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RU	NA	RIG					COMPLETE RIG UP ON HRDH-2488 & WORK TO CLOSE PCI OPEN ITEMS. ACTIVITIES ONGOING: > BENTEC HEALTH CHECK & CONDITION ASSESSMENT TDS. > COMMISSIONING & FUNCTION TDS. > M/U 8-1/2" DC STD & FUNCTION TEST EZ TQ. > WORK TO CLOSE PCI OPEN FINDING. > COMPLETE PRE-SPUD CHECKLIST. > HPJSM; M/U 28" BHA_ONGOING. ---------- > RIG START MOBILIZATION ON 12/12/25. > DAYS SINCE START MOBILIZATION: 46 DAYS.

Foreman Remarks

==========ARAMCO PERSONNEL ON LOCATION==========
> ARAMCO CLERK GOVIND B. OLI #8157609 ON LOCATION SINCE 12/27/2025
> NGGDD HSE ADVISOR AMR ELGOHARY #8089166 ON LOCATION ON 1/3/2026
> FCT AHMAD AL HARBI #740732 ON LOCATION SINCE 01/21/2026.
========== ARAMCO SERVICE PERSONNEL & EQUIPMENT ==========
- EMEC/RAWABI MUD ENG ON LOCATION SINCE 12/30/2025.
- SMITH BIT HAND ON LOCATION 01/24/2026.
==========SAFETY==========
- HELD RIG MOVE SAFETY MEETING WITH ALL PERSONNEL.
==========RENTAL EQUIPMENT==========
- 12" TASMSN SHOCK SUB ON LOCATION SINCE 01/23/2026@01:00 AM
==========RIG VISIT ==========
- ADC RIG MANAGER HANY RAMADAN ON LOC SINCE 01/23/26.
- HARI KONDA ADC PROJECT MGR VISIT RIG .
==========NEXT LOCATION==========
- NEXT WELL: HRDH-2745.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	5,153	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	EMC	RIG	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	
No. of Persons	15	42	1	39	5	2	Total 104
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	24	24	24	24	

TRUCKS/BOATS

Standby/Tankers
E915

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/25/2021 - 01/28/2026

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

MHWZ-280101 EXPLORATION DRILLING BI-1514

01/16/2026 - 05/21/2026

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ADC-21 @ MHWZ-280101 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADC-21 Well MHWZ-280101 Wellbores: (0) MHWZ_280101_0	Charge #: (87-25644-4277) Wellbores: (0) MHWZ_280101_0	Objective : (MHWZ-280101 IS THE FIRST WELL ON THE 280 PAD AND IS PART OF THE SARH PLAY DEVELOPMENT IN MHWZ FIELD.)	Foreman(s) ELSHARKAWY, MOHAMED IBRAHIM Engineer ALHAJRI, NAIF MUTLAQ / HASSAN, YOUSEF ABDULMONEM Manager ALJABRI, SAMEH SALEM THURAYA +88216-777 -12136 | RIG FORMAN VSAT 0135784395 | OTHER VSAT 0138297721 CONTRACTOR /CLERK VSA T 0135784215

Last 24 hr operations	Next 24 hr plan
SCHEDULED RIG MAINTENANCE (CAT-IV INSPECTION OF MAST AND SUBSTRUCTURE) AND GENERAL RIG UP ON WELL MHWZ-280101.	SCHEDULED RIG MAINTENANCE (CAT-IV INSPECTION OF MAST AND SUBSTRUCTURE) AND GENERAL RIG UP ON WELL MHWZ-280101.

Location	Next Location
MHWZ FIELD, MHWZ-280 PAD, 420 KM F/ DHARAN MAIN GATE.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	268	420

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	MAIN	RR	DRRK	RIG	0	0			HOLD STAND DOWN MEETING WITH CREW, DISCUSSED HAZARDS RECOGNATION REGARDING RIG MAINTENANCE AND RIG UP ACTIVITIES AND EMPHASIZE IMPORTANCE OF SWA, WORK AT HEIGHT HAZARDS, FALL PROTECTION AND IMPORTANCE OF LIFE LINES AND WEARING PROPER PPE, GOOD COMMUNICATION & BE CLEAR FROM LINE OF FIRE: SCHEDULED RIG MAINTENANCE: - SUBSTRUCTURE SENT TO TOWN FOR CAT-IV INSPECTION ON 01/24/2026, CAT-IV INSPECTION PROGRESS: 07%. - MAST SENT TO TOWN FOR CAT-IV INSPECTION ON 01/26/2026, CAT-IV INSPECTION PROGRESS: 03%. - CROWN BLOCK SHEAVES SENT TO TOWN FOR CAT IV INSPECTION. - TOP DRIVE SENT TO ADC WORKSHOP FOR DEEP INSPECTION & CAT III PROGRESS: 60%. - PREPARE DRAWWORK FOR ANNUAL INSPECTION. - PREPARE MUD PUMPS FOR CAT III INSPECTION. - REPLACING MAIN ENGINE # 3 WITH NEW OVERHAULED DUE TO HRS ONGOING. RIG UP ACTIVITIES: - RIG UP MUD SYSTEM ONGOING. - RIG CMT TANK ONGOING. - SPOT MISCELLANEOUS LOADS ON NEW LOCATION. - GENERAL RIG UP ON NEW LOCATION. - HOUSEKEEPING AND CLEANING RIG EQT ONGOING. >> RIG MAINTENANCE DAYS: 2.0 DAYS. >> PLANNED RIG MAINTENANCE DAYS: 28 DAYS. >> R/U: 50%.

Foreman Remarks

MHWZ-280101 IS THE FIRST WELL TO BE DRILLED ON MHWZ-280 PAD TARGETING SARAH FORMATIONS. MHWZ-280101 WILL LAND 70' BELOW THE TOP OF SARAH, AND WILL BE DRILLED AT 91 DEGREE INCLINATION ALONG 330 DEGREES AZIMUTH, 5,743' EFFECTIVE HORIZONTAL LATERAL WILL BE DRILLED IN SARAH FORMATION TO THE PROPOSED TOTAL DEPTH OF APPROXIMATELY 21,000' MD, WELL WILL BE COMPLETED WITH 5-1/2" LONG STRING, IT IS ESTIMATED TO COMPLETE THE WELL IN 95 DAYS.
==========JOURNEY MANAGEMENT==========
CALL ADC-21 MEDIC @ 013-813-5917, RIG SUP @ 013-829-7721 OR ARAMCO RIG CLERK @ 013-578-4215 PRIOR TO HARADH. PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. HAVE SUFFICIENT WATER & SNACKS ONBOARD. NIGHT DRIVING BY 3RD PARTY PERSONNEL IS NOT RECOMMENDED.
==========RIG DRIVING DIRECTION==========
- JSA REVISED: 01, JSA REVIEWED: 11, PTW: 11, LOTO: 0.
- DISCUSSION: ADC HSE ALERT - 2021 - 01 - RIG MOVE EVENTS.
- UNSAFE ACT: 10, UNSAFE CONDITION: 12, SAFE CONDITION: 15, TOTAL SOC: 37.
- NEAR MISS: NIL.
- DRILLS: NIL.
- 3RD IN-HOUSE AUDIT JUL 2025 : TOTAL FINDINGS: 79, CLOSED: 74, OPEN: 04.
- 5TH IN-HOUSE AUDIT NOV 2025 : TOTAL FINDINGS: 31, CLOSED: 19, OPEN: 12.
- 6TH IN-HOUSE AUDIT DEC 2025 : TOTAL FINDINGS: 111, CLOSED: 83, OPEN: 28.
- RHSEI MAR 2025: TOTAL FINDINGS: 43, CLOSED: 43, OPEN:0.
- WCI MAR 2025: TOTAL FINDINGS: 09, CLOSED: 09, OPEN:0.
- LPD AUDIT: TOTAL FINDINGS 22, CLOSED 22, OPEN:0.
==========RENTAL TOOLS==========
-
==========WELLSITE RENTAL EQUIPMENT:==========
- AL SALOMI WATER SPRAY TANKER PLATE# UDA7310, DOOR# 1129 BADGE# 2520710480 ON LOCATION SINCE 11/15/23.
- 4 X SALOMI VACUUM TANKER DRSS# 3000373105 ON LOCATION SINCE JAN/26.
==========WATER WELL==========
- WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL MHWZ-802 & 803.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MHWZ-280101 EXPLORATION DRILLING BI-1514

01/16/2026 - 05/21/2026

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==========WELL INFO==========
-
==========NEW LOCATION==========
-

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	0	NORMAL	N/A	SEASONAL	2,895	2 X SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	RIG	ARM	OTH	SAP	ARM
Category	CTRG	RIG	OTHR	OTHR	VAC	DHPMP	WSC
No. of Persons	14	44	35	3	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	10	24	24

Total 100

TRUCKS/BOATS

Standby/Tankers
ARAMCO CAR -door# 1861

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
500	500	581	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

MHFR-1 EXPLORATION DRILLING BI-3300

10/02/2025 - 06/24/2026

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ADC-23 @ MHFR-1 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-23
Well: MHFR-1
Wellbores: (0) MHFR_1_0

Charge #: (75-24884-0001)
Wellbores: (0) MHFR_1_0

Objective : (VERTICAL GAS WILD CAT)

Foreman(s): CROWLEY, DAVID / GOMAA, TAMER SAYED / ALRASHEEDI, RAKAAN AWAAD
Engineer: GARCIA VILLALOBOS, JAIRO ENRIQUE / ABDULJABBAR, LUJAIN NASSER
Manager: HARBI, MAGBEL MENAWER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
00882 1677 711367	577-6124	577-6164/5 77-6168

Last 24 hr operations: RIH W/SLB DST BHA. S/L RUN DRIFT, P/T SLB DST STRG, RESUME RIH W/ SLB DST.

Next 24 hr plan: RIH W/ SLB DST.

Location: 110 KM BEFORE ARRAR, TURN RIGHT, 2KM LEFT, 2KM RIGHT, 40 KM TO REACH BOARDER GAURDS, 4KM LEFT, 20 KM

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,440	9 5/8	13105	13105				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13440	110.1 (10/10/2025@0300)	100	0	884	960

Formation Tops

Formations	Top Depth	Comments
MQSR	12,620	108' SHALLOWER.
SRHR	13,220	35' SHALLOWER
QWRR	13,360	39' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1200	7	0	8 3/8	E	TEST	OHT	DSTT	SWT	13440	13440			P/U, M/U & RIH W/ SLB DOWN HOLE DST BHA.
1200 - 1330	1.5	0	8 3/8	E	TEST	OTH	NA	SLL	13440	13440			HPJSM, R/U SLB S/L BOP & LUBRICATOR, SLB S/L RIH W/ 2.125" TBG DRIFT & TAG TFTV FLAPPER @ 1,165 FT, POOH & R/D TOOLS.
1330 - 1430	1	0	8 3/8	E	TEST	CIRC	MPMP	RIG	13440	13440			P/U & M/U CIRCULATING HEAD. REVERSE CIRCULATE 10 BBLS.
1430 - 1600	1.5	0	8 3/8	E	TEST	PTST	DSTT	OCT	13440	13440			PJSM. R/U SLB CEMENT LINES. PRESSURE TEST CEMENT LINES TO 300/7500 PSI. OK, PRESSURE TEST DST BHA AGAINST TFTV VALVE TO 7,000 PSI. OK.
1600 - 1700	1	0	8 3/8	E	TEST	CIRC	MPMP	RIG	13440	13440			REVERSE OUT 30 BBLS W/ 3 BPM, R/D CIRCULATING HEAD.
1700 - 1745	0.75	0	8 3/8	E	TEST	OTH	NA	RIG	13440	13440			P/U & RIH W/ SLB OPEN HOLE DST TOOLS ON 4 1/2" TBG (19.2#, T-95, PH6).
1745 - 1930	1.75	0	8 3/8	E	TEST	CIRC	MPMP	RIG	13440	13440			REVERSE OUT 120 BBLS W/ 3 BPM, R/D CIRCULATING HEAD.
1930 - 2230	3	0	8 3/8	E	TEST	OTH	NA	RIG	13440	13440			RESUME RIH W/ SLB OPEN HOLE DST TOOLS ON 4 1/2" TBG (19.2#, T-95, PH6) TO 2,800 FT (46/TOT 375 JT).
2230 - 2330	1	0	8 3/8	E	TEST	CIRC	MPMP	RIG	13440	13440			P/U & M/U CIRCULATING HEAD. REVERSE CIRCULATE 35 BBLS.
2330 - 0115	1.75	0	8 3/8	E	TEST	OTH	NA	SLL	13440	13440			HPJSM, R/U SLB S/L BOP & LUBRICATOR, SLB S/L RIH W/ 2.125" TBG DRIFT TO 2,800 FT, POOH & R/D TOOLS.
0115 - 0459	3.75	0	8 3/8	E	TEST	OHT	DSTT	SWT	13440	13440			RESUME RIH W/ SLB OPEN HOLE DST TOOLS ON 4 1/2" TBG (19.2#, T-95, PH6) WITH CONTROL SPEED TO 4,084 FT (87/TOT 375 JT). *INSTALL MUZIC REPEATER AS PER SLB DST EVERY 30 JTS.

Foreman Remarks

MHFR-1 WILL BE DRILLED AS A VERTICAL GAS-WILDCAT WELL TARGETING THE PRIMARY OBJECTIVE IN THE SHARAWRA (SHRR), SARAH (SARH), QUWARAH(QWRH) AND KAHFAH (KHFH) RESERVOIRS, WITH MID QUSAIBA SAND (MQSB) AS A SECONDARY TARGET.
========== PLANNED VS ACTUAL CASING DEPTHS ==========
- 36" CONDUCTOR: 160 FT.
- 30" CASING: 730 FT 50 FT INTO ARUM.
- 24" CASING: 2,330 FT 30 FT INTO WASIA.
- 18-5/8" CASING: 5,753 FT (+/- 30 FT INTO JILH)
- 13-3/8" CASING: 7,850 FT (+/- 50 FT INTO KHUFF)
- 9-5/8" CASING: 13,110 FT (+/- 700 FT INTO QUSB)
- 7" LINER: 15,384 FT (+/- 100 FT INTO HANADIR) / ACTUAL XXXX FT / PLANNED MWT 85 PCF OBM
========== ========== ARAMCO PERSONNEL ==========
- ARAMCO RIG CLERK IRSHAD, UMAIR BADGE#8613444 ON LOCATION SINCE 03/26/2025.
- ALFALAH MOHAMMED #8589419 JUNIOR MATERIAL CLERK SINCE 01/13/2026.
- ARAMCO GEOLOGIST MAJED MOUMEN ID#756573/KHALID ALEGAILY ID#810517 LEFT LOCATION.
- ARAMCO DRILLING ENGINEER JAIRO GARCIA VILLALOBOS ID#722017 ON LOCATION SINCE 1/24/2026 (3:00 PM).
- EDD HSE COORDINATOR MUHAMMAD MALIK#8821620 LEFT LOCATION .
- EDD HSE COORDINATOR EMAD AHMED ID#8048301 ON LOCATION SINCE 1/26/2026.
- ARAMCO EDD OE ALBALAWI, HISHAM M ID#788058 ON LOCATION SINCE 1/26/2026.
- ARAMCO EDD OE MOHAMMED ALBINALI ID#780732 ON LOCATION SINCE 1/26/2026.
========== UPSTREAM INTERNAL CORPORATE AUDIT TEAM==========
- ARAMCO AUDITOR KHALID KHUDHER ALZAHRANI ID#823731. LEFT LOCATION .
- ARAMCO AUDITOR ABDULLAH EID ALQAHTANI ID#821249. LEFT LOCATION.
- ARAMCO AUDITOR OLEG NIKOLEAVICH MALIKO ID#728545. LEFT LOCATION.
- ARAMCO AUDITOR MAURICE CLAYTON KAMIN ID#728540. LEFT LOCATION.
==========SAFETY, DRILLS, INCD & ALERTS ==========
*REEL-SAFE 03-26 CATWALK RAMP LIFTING POINT FAILURE.

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

MHFR-1 EXPLORATION DRILLING BI-3300

10/02/2025 - 06/24/2026

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==========SERVICE PERSONNEL==========
- 2 EA X RAWABI-EMEC MUD ENGINEER ON LOCATION.
- SLB CEMENT UNIT AND CREW ON LOCATION.
- CENTRIFUGE WITH OPERATER ON LOCATION.
- SLB MUD LOGGING UNIT & CREW ON LOCATION.
- SLB DST ENG ON LOCATION.
- FRANKS CREW ON LOCATION.
- RAWABI FILTRATION CREW AND UNIT ON LOCATION.
- OIL SERVE CREW AND EQUIPMENT ON LOCATION 23/JAN/2026.
- HALL COIL TUBING CREW AND EQUIPMENT ON LOCATION.
- H2S DETECTION SYS TAQA ON LOC.
- SLB SLICKLINE ON LOCATION.
- BAKER WELL-LINK ENGINEER ON LOCATION.

==========RENTAL TOOL==========
- 1EA X NESR JAR (SN:GE-DJ-00060) ON LOCATION SINCE 12/15/2025
- WFD 9-5/8" WBCO TOOL ON LOCATION SINCE 1/7/2025

==========NEXT WELL==========
NEXT WELL: AJRM-2 EXPECTED TO COMPLETE CONSTRUCTION ON END FEBRUARY 2026
NEXT WATER WELLS: NOT YET DRILLED- HAD AN ISSUE

==========JOURNEY MANAGEMENT=== ==========
CREATE JOURNEY MANAGEMENT PLAN BEFORE LEAVING COMPANY BASE.
* GATE PASS ACCESS FROM 05:00 AM TO 05:00 PM FOR APPROVED PERSONNEL & VEHICLES ONLY.
* ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT/THURAYA .
* DISTANCE FROM DHAHRAN TO RIG: 960 KM ,110 KM BEFORE ARAR,TURN RIGHT, 2KM LEFT, 2KM RIGHT, 40 KM TO REACH BORDER GAURDS, 4KM LEFT, 20 KM, FOLLOW SIGN BOARDS (18 KM SKID ROAD).
* SKID ROAD 18 KM FROM BLACK TOP & NO MOBILE SIGNAL.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	0	0 Volts	4.6	0	334,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	82	2	0	2 / 4	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	13	18	2 / 3	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	0	0 Volts	4.6	0	334,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	82	1	0	2 / 4	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	14	18	2 / 3	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	CALM	N/A	SEASONAL	6,022	N/A

PERSONNEL AND SERVICES INFORMATION

Company	BC1	FMC	RIG	HCT	BR1	RIG	EMC	RTF	MH2	SGR	RIG	ARM	SCM	SLL	MI2	OTH	ARM	SWT	OWT
Category	BRCR	CSR	CTRG	COIL	RINS	RIG	DFMS	FILT	H2S	MLS	OTHR	OTHR	PCS	SLS	SCS	VAC	WSC	WTDS	WTSE
No. of Persons	2	6	15	12	1	47	2	2	1	4	22	5	2	3	1	1	3	4	12
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	4	0	0	12	24	24	0	12	24	24	24	2	1	24	12	24	24	0

Total 145

TRUCKS/BOATS

Standby/Tankers
e920 aramco truck

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	1000	772	100	100	3600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HWYH-1025 WORKOVER-1 BI-60

01/04/2026 - 03/26/2026

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ADC-34 @ HWYH-1025 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-34
Well: HWYH-1025
Wellbores: (0) HWYH_1025_0

Charge #: (71-25053-1025)
Wellbores: (0) HWYH_1025_0

Objective : (SIDETRACK IN TWO-HOLE SIZE 200 FT MD INTO TWLF)

Foreman(s): ALSAIKHAN, IBRAHIM HUSSAIN / ALTHEBEANY, ABDULRAHMAN TURKI
Engineer: ALZAILAIE, QUSAI SULTAN
Manager: SAMARKANDY, ABDULRAHMAN SAMEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11085	013-577-35 65	013-577-39 33

CONTRACTOR /CLERK VSA T: 013-577-35 71

Last 24 hr operations: RIH WITH BAKER TOMBSTONE BP & P/T, RIH W/L PUNCHER & PUNCH TBG, CIRC TBG/TCA TO VISC WTR, P/T TBG/TCA, FC, SET INTERWELL RBP.

Next 24 hr plan: INSTALL BPV, R/D HARDLINES, N/D X-MAS TREE AND TBG BNT, N/U 13-5/8 10M BOPE, RETRIEVE BPV, SET TWCV, PT BOPE.

Location: THE WELL IS LOCATED 0.642 KM S31E OF HWYH-451 AND 0.848 KM N87W OF HWYH-934

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	3.2 (01/25/2026@0000)		0	191	191

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1030	5.5	0	POST	N	DCOM	OTH	NA	SWL	15050	15050			RIH WITH 4-1/2" BAKER TOMBSTONE BP ON SLB E-LINE AND PERFORM THE FOLLOWING: - CORRELATE DEPTH & SET TOMBSTONE BP @ 12,980'. - POOH WITH THE TOOL TO SURFACE. - FLUSH WELLHEAD WITH WATER AND GLYCOL. - L/D SLB W/L TOOLS.
1030 - 1200	1.5	0	POST	N	DCOM	PTST	CHAMP	SCM	15050	15050			FILL TBG WITH 35 BBLS 63 PCF VISCOSIFIED WATER & PT 4-1/2" THOMBSTONE BP TO 1000 PSI - HOLD FOR 15 MIN (TOTAL PUMPED = TOTAL RETURNED = 0.8 BBLS).
1200 - 1630	4.5	0	POST	N	DCOM	OTH	NA	SWL	15050	15050			HPJSM; SLB E-LINE P/U 2.5" RCT PUNCHER ON CCL & RIH & PERFORMED CORRELATION PASS. APPLY 1100 PSI INSIDE TCA TO EQUALIZE PRESSURE, & PUNCHED THE 4-1/2" 13.5# TBG @ 12,870' (IN THE MIDDLE OF THE 1ST FULL JOINT ABOVE THE SEAL ASSEMBLY). GOOD INDICATION OF PERF (TBG PRESS INCREASEDED UP TO 300 PSI), POOH TO SURFACE, SECURED WELL WITH CV & ESTABLISHED CIRC FROM TBG TO TCA TO CONFIRM TBG PUNCH SUCCESS - OK.
1630 - 1900	2.5	0	POST	N	DCOM	OTH	NA	SWL	15050	15050			R/D SLB E-LINE EQUIPMENTS.
1900 - 2200	3	0	POST	N	DCOM	CIRC	MPMP	RIG	15050	15050			PUMP 30 BBLS HI-VIS PILL & DISPLACE WELL TO VISCOUS WTR THRU TBG TO TCA & TAKE RETURNS THROUGH CHOKE & MGS TILL CLEAR 63 PCF VISCOUS WATER RECEIVED ON SURFACE. > PUMP RATE 330 GPM @ 400 PSI. > TOTAL DIESEL RECOVERED FROM TCA= 710 BBLS.
2200 - 0000	2	0	POST	N	DCOM	OTH	NA	RIG	15050	15050			PRESSURE TEST TBG & TCA TO 1000 PSI -OK. BLEED OFF & MONITOR WELL STATIC.
0000 - 0130	1.5	0	POST	N	DCOM	OTH	NA	RIG	15050	15050			PERFORM EXTENDED FLOW CHECK - WELL STATIC.
0130 - 0459	3.5	0	POST	N	DCOM	SET	PLUGN	OSL	15050	15050			HPJSM, R/U OILSERV SLICK LINE LUBRICATOR & PRESSURE TEST TO 300/6,500 PSI -OK. - RIH & SET INTERWELL RBP ON SLICK LINE AT 1000'. - POOH & R/D OILSERV SLICK LINE LUBRICATOR.

Workover Objectives

Foreman Remarks

RE-ENTERY, DE-COMPLETE, SIDETRACK THE WELL FROM 9-5/8" CASING AND DRILL TWO HOLE SIZES AS A S-SHAPE PROFILE TARGETING JAUF RESERVOIR.
==========ARAMCO PERSONNEL==========
- ARAMCO CLERK, MUHAMMED NADEEM #8061039 LEFT ON 12/19/2025 FOR DAYS OFF.
- ARAMCO ME SAUD ALOUDAH # 778109 ON LOC 1/21/2026.
- ARAMCO FCT MUSHABAB ALAHMARI #791588 ON LOC 1/22/2026.
- ARAMCO PDP FAHAD ALMUSTAFA #830020 ON LOCATION ON 1/23/2026.
- ARAMCO FOREMAN ABDULRAHMAN ALYAHYA #814408 ON LOC 1/21/2026.
==========SERVICE PERSONNEL==========
- EMEC MUD ENG.
==========RENTAL TOOLS==========
- N/A
==========VACUUM TANKERS==========
- N/A
==========HSE / AUDITS==========
CONDUCT DAILY PRE-TOUR SAFETY MEETINGS: DISCUSS RECENT ALERTS, LESSONS LEARNED, PTW, JSA & SWA, PPE, COMMUNICATION, PLANNING AHEAD & HOUSEKEEPING.
- NEAR MISS: N/A
==========VISITS==========
- ADC RIG MGR DEVENDRA REWAR VISITED THE RIG 01/20/2026

LIMITED MORNING REPORT

HWYH-1025 WORKOVER-1 BI-60

01/04/2026 - 03/26/2026

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DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	5,103	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	BC1	SUW	RIG	RO4	RIG	ARM	SCM	OSL	ARM	GEP
Category	BRCR	CTRG	RIG	DFMS	OTHR	OTHR	PCS	SLS	WSC	WHES
No. of Persons	1	14	36	1	28	4	2	4	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	5	0	24	24	12	12	12	6	24	12

Total
93

TRUCKS/BOATS

Standby/Tankers
ARAMCO TRUCK AB-0006

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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SDGM-725 WORKOVER-2 BI-60

10/24/2025 - 02/04/2026

ADC-36 @ SDGM-725 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-36
Well: SDGM-725
Wellbores: (0-2) SDGM_725_5

Charge #: (71-25054-0725)
Wellbores: (0-2) SDGM_725_5

Objective : (MILL 4-1/2" LINER, SIDETRACK AND PRESET THE WELL INTO UNZC)

Foreman(s): BENSISSA, ABED / JABER, HASSAN ADEL / ALNAFEA, ABDULRAHMAN BELAL
Engineer Manager: MANZO RAMOS, JESUS EUGENIO / JALLAL, FAISAL ALI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11445	577-3991	577-3698 (RIG CLERK)

CONTRACTOR /CLERK VSA T: 0138297736 (ADC OFFI CE)

Last 24 hr operations
RIH WITH 3.78" DIE COLLAR ASSY.

Next 24 hr plan
CHASE FISH TO BTM, FISHING OPS., POOH W/ WITH 3.78" DIE COLLAR ASSY TO SURFACE, CHECK FISH RECOVERY.

Location: 116 KM FROM DHAHRAN MAIN GATE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,359	9 5/8	12217	12217	4 1/2	11,410	14,379	13,926

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14379	75.4 (11/13/2025@1400)	100	0	94	116

Formation Tops

Formations	Top Depth	Comments
KFB3	12,365	12,358' TVD/ 12' TVD DEEPER
KFB2	12,395	12,389' TVD/ 13' TVD DEEPER
KFB1	12,426	12,419' TVD/ 11' TVD DEEPER
KC11SS	12,560	12,552' TVD/ 13' TVD DEEPER
KC10SS	12,589	12,581' TVD/ 13' TVD DEEPER
KC9	12,652	12,643' TVD/ 18' TVD DEEPER
KC8	12,696	12,686' TVD/ 11' TVD DEEPER
KC7	12,723	12,712' TVD/ 11' TVD DEEPER
KC6	12,753	12,741' TVD/ 11' TVD DEEPER
KFCC	12,888	12,872' TVD/ 10' TVD DEEPER
KFCR	12,907	12,891.7' TVD/ 10.7' TVD DEEPER
KC3-F	12,934	12,918' TVD/11' TVD DEEPER
KC3-E	12,952	12,936' TVD/ 12' TVD DEEPER
KC3-C	12,987	12,970' TVD/ 11' TVD DEEPER
KC3-B	13,009	12,992' TVD/ 12' TVD DEEPER
KC3-A	13,019	13,002' TVD/ 11' TVD DEEPER
KC2-F	13,030	13,013' TVD/ 12' TVD DEEPER
KC2-C	13,060	13,042' TVD/ 12' TVD DEEPER
KC2-B	13,072	13,054' TVD/ 11' TVD DEEPER
KC2-A	13,081	13,063' TVD/ 11' TVD DEEPER
KC1-G	13,089	13.071' TVD/ 10' TVD DEEPER
KC1-F	13,099	13,081' TVD/ 10' TVD DEEPER
KC1-E	13,110	13,092' TVD/ 10' TVD DEEPER
KC1-D	13,123	13,106' TVD/ 10' TVD DEEPER
KC1-B	13,153	13,135' TVD/ 10' TVD DEEPER
KC1-A	13,170	13,152' TVD/ 11' TVD DEEPER
KHFD	13,186	13,167' TVD/ 9' DEEPER
BKDC	14,009	13,797 TVD/16' TVD DEEPER
UNZC	14,353	13917' TVD/ 32' TVD DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0915	4.25	0-2	EOW	N	FISH	TI	SPDP	RIG	14382	14382	5250	9420	JF	965419	CONTINUE RIH BAKER FISHING BHA WITH 3.78" DIE COLLAR ON 5.5" DP'S TO 7" TOL. > FILL STRING & BREAK CIRC EVERY 10 STDS. > SLOW DOWN LAST 3 STD PRIOR 7" TOL.
0915 - 1030	1.25	0-2	EOW	N	FISH	CIRC	MPMP	RIG	14382	14382			JF	965419	CIRCULATE BTMS UP.
1030 - 1230	2	0-2	EOW	N	FISH	RR	TDS	RIG	14382	14382			RI	965474	UNABLE TO BREAK OUT SAVER SUB FROM STRING. L/D SAVER SUB WITH SINGLE DP. CHANGED SAVER SUB.
1230 - 1715	4.75	0-2	EOW	N	FISH	TI	SPDP	RIG	14382	14382	9420	11410	JF	965419	CONTINUE RIH BAKER FISHING BHA WITH 3.78" DIE COLLAR ON 5.5" DP TO 4-1/2" TOL AT 11,410 FT. > FILL STRING & BREAK CIRC EVERY 10 STDS. > HAD TO PASS THROUGH 7" TOL WITH ROTATION @ 9,407'. >TAKE PARAMATERS BEFORE ENTERING 4-1/2" LNR.
1715 - 0459	11.75	0-2	EOW	N	FISH	TI	SPDP	RIG	14382	14382	11410	14266	JF	965419	CONTINUE RIH BAKER FISHING BHA WITH 3.78" DIE COLLAR ON 5.5" DP'S INSIDE 4.5" LNR. TAG TOF AT 14,050' AND CHASING FISH TO BTM AT CONTROLLED SPEED. ON GOING AT RT. > FILL STRING & BREAK CIRC EVERY 10 STDS. > HAD TO PASS THROUGH 4.5" TOL WITH ROTATION @ 11,410'.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 1030	2	2	965474		RI	FOT	TDS	RIG	9407	UNABLE TO BREAK OUT SAVER SUB FROM STRING.
23 Jan 1000	22	127	965419		JF	HERR	STRG	RIG	11410	AT SURFACE WITH WBCO BHA, FOUND 2-

LIMITED MORNING REPORT

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Report ID: OPERLMTDMRREP

SDGM-725 WORKOVER-2 BI-60

10/24/2025 - 02/04/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
															7/8" MULE SHOE PARTED FROM BODY AREA.

Workover Objectives

Foreman Remarks

==========ODF CORRECTION==========
ODF DIFFERENCE: +7 FT (ORKB FOR PA-295 IS 31 FT).
==========DIRECTIONAL PLAN==========
> 7" TOL @ 9,399', 4-1/2" TOL @ 11,410', SHOE @ 14,379', PBTD @ 14,359'.
==========ARAMCO PERSONNEL ONBOARD==========
> ARAMCO CLERK ABDULLAH, MOHAMED H #8625231 ON LOCATION SINCE 10/14/2025.
> ARAMCO MATERIALS EXPEDITER, MOHAMMED ALMAJHAD #8515888, ON LOCATION SINCE 01/24/2026.
========== ==========RIG VISITS==========

==========SERVICE COMPANIES ON LOCATION==========
> RAWABI MUD ENGINEER FR/ 11/01/2025.
> ITS TRS CREW & EQUIP'S ON LOCATION 01/09/2026 @ 18:00.
> BAKER FISHING ON LOCATION ON 01/23/2026.
> SLB WATER FILTRATION CREW ON LOCATION ON 01/15/2026.
==========SAFETY AND HSE FINDINGS STATUS==========
*SAFETY TOPIC:
ARAMCO HSE ALERT # 08-26 (ROUSTABOUT ANKLE TWISTED).
SALEM & GHANEM CAMPAIGN WINNER ANNOUCEMENT AND CAMPAIGN RESULTS.
MAIN CAMP INSPECTION ACTION ITEMS AND CLOSURE PLAN.
USE OF HAND FREE TOOLS.
DISCUSSED JSA LOADING SLB FRAC TANKS BY CRANE.
* PTW/JSA: COLD PTW:(5), HOT PTW:(0), CONFINED SPACE:(0), DIESEL TRANSFER:(0), MAN RIDER: (1), JSA:(6), STOP CARDS:(43), STOP TOURS: (3), NM / INCD:(0).
* DRILLS: STOP WORK AUTHORITY DRILL: (1).
========== ==========SAGWOD COST OPTIMIZATION==========
> RECIEVED 1,000 BBL'S 100 PCF RHELIANT OBM FR/ SDGM MUD PLANT MNF# 2101350615.
> RECIEVED 400 BBLS 100 PCF CONV OBM FROM RIG PA-604S.
> RECIEVED 900 BBLS 73 PCF CONV OBM FROM RIG PA-604S.
> RECIEVED 400 BBLS 140 PCF CONV OBM FROM RIG SND-3002.
> RECIEVED 117 BBLS OF SLB FORMIC ACID FROM NBR-654S.
> RECIEVED 500 BBLS OF 91 PCF CACL2/CABR2 BRINE FROM NBR-797.
> RECIEVED 440 BBLS OF 95 PCF CACL2/CABR2 BRINE FROM DPS-45.
> SOLD 450 BBLS OF 116 PCF CON OBM TO RIG SND-2022. MNF# 2300148621.
> SOLD 900 BBLS OF 93 PCF RHELIANT OBM TO RIG NA-18S.
> SOLD 1200 BBLS OF 93 PCF RHELIANT OBM TO SDGM MUD PLANT.
==========CLOSED LOOP SYSTEM==========
>IMPLEMENTING CLOOSED LOOP SYSTEM (RE-ENTRY TYPE USED 3SIDE BIN, LINED CEMENT PIT & CUTTING PIT.
> PITLESS LOCATION GUIDELINE: (Y), (NO WATER PIT, NO WASTE PIT).
> WASTE PIT EXISTED ON LOCATION PRIOR RECEIVING THE WELL BUT NOT USED.

==========TRUCKING, EQUIPMENT & RENTALTOOLS==========
> RECIEVED TAQA 3-1/8" BOWEN-NOV-SUPER FISHING JAR S.N# CW4671438-1-1 ON 1/22/2026 AT 19.00H.
> RECIEVED TAQA 3-1/8" BOWEN-NOV-FISHING BUMPER SUB S.N# CW4722013-1 ON 1/22/2026 AT 19.00H.
> RECIEVED TAQA 3-1/8" BOWEN-NOV-INTENSIFIER S.N# CWCW4671435-1 ON 1/22/2026 AT 19.00H.
> RECIEVED NAPESCO 4-3/4" FISHING JAR S.N# PWO-US01-A58371-01 ON 1/27/2026 AT 13.50H.
> RECIEVED NAPESCO 4-3/4" LUBRICATED BUMPER SUB S.N# PWO-US01-A26266-01 ON 1/27/2026 AT 13.50H.
========== ==========NEXT WELLS ==========
> 1ST WELL: SDGM-1048, NDE, PRE-WORKOVER MEETING DONE ON 11/03/2025, STRIP OUT 100%, LOCATION PREPARATION 100%, WOCP RUNNING.
> 2ND WELL: SDGM-462, NDE, PRE-WORKOVER MEETING DONE ON 11/03/2025, STRIP OUT 0%, LOCATION PREPARATION 0%, WOCP RUNNING.
> 3RD WELL: SDGM-467, NDE, PRE-WORKOVER MEETING DONE ON 11/03/2025, STRIP OUT IN PROGRESS, LOCATION PREPARATION 0%, WOCP RUNNING.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-2	14,382	70.1	40	0	13,927	179.61	117.69	704.5	0.34

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	0	0API	0	0 Volts	0	9.3	330,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	84	6	0	0 / 0	KF	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
25	0	1	16	3 / 4	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	0	0API	0	0 Volts	0	9.2	330,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	84	5	0	0 / 0	KF	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	1	16	2 / 3	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

SDGM-725 WORKOVER-2 BI-60

10/24/2025 - 02/04/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	AS REQUIRED	SEASONAL	N/A	SEASONAL	3,927	PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	ITS	SUW	RIG	RO4	BFW	RIG	ARM	ARM	SWF	ZTS	PW
Category	CSR	CTRG	RIG	DFMS	WMFE	OTHR	OTHR	WSC	SFS	FILT	ISPCT
No. of Persons	2	17	40	1	3	15	2	3	4	2	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	24	24	24	24	0	0	0

Total
93

TRUCKS/BOATS

Standby/Tankers	Others
AB-0715	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	524	223	28	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

SDGM-1276 DEVELOPMENT DRILLING BI-60

10/25/2025 - 02/17/2026

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ADC-41L @ SDGM-1276 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-41L
Well: SDGM-1276
Wellbores: (0) SDGM_1276_0

Charge #: (66-25054-1276)
Wellbores: (0) SDGM_1276_0

Objective : (MK-2 DESIGN TARGETING PRE-KHUFF RESERVOIRS - (UNAYZAH) AND COMPLETED WITH 15K CEMENTED LINER)

Foreman(s) ELAISSAOUI, KHALED
Engineer ALOKE, CHINWIKE DARLYNTIN
Manager NEJIDI, AHMED ABDULLAH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 1179	577 3998	SLB 013 66 4 8810
OTHER VSAT	OTHER VSAT	CONTRACTOR /CLERK VSA T
ADC - 013 829 7741	FCT - 577 3935	577 3574

Last 24 hr operations
CONT RIH W/ MDT TLC RUN#2 TO LATCH POINT ABOVE SHOE. CIRC. R/U WIRELINE & LATCH CABLE. CONT RIH. TAKE SAMPLES @ 14685 FT (UNYZAH-C) & 14535 FT (PKFU) AS PER RDD

Next 24 hr plan
CONT TAKE SAMPLE AT 14535 FT (PKFU). RIH. CIRC OH VOL. POOH TO SHOE. UNLATCH CABLE. CIRC. CONT POOH W/ MDT TLC & L/D TOOLS.

Location
S ON 615 TO SDGM TUNOFF, R TO 4WAY STOP, RIGHT FOR 1 KM, RIGHT ON BLACK TOP, 18 KM, CONT ON SKID 4 K

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,273	9 5/8	12926	12926				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15273	79 (11/10/2025@0500)	100	0	82	82

Formation Tops

Formations	Top Depth	Comments
BJDM	10,906	28 FT DEEPER AS PER GOC
MDJR	11,189	30 FT DEEPER AS PER GOC
SUDR	12,043	55 FT DEEPER AS PER GOC
SDDM	12,377	55 FT DEEPER AS PER GOC
KHFF	12,733	28 FT SHALLOW AS PER GOC
KFBC	12,917	6 FT DEEPER AS PER GOC
KFCC	13,426	9 FT DEEPER AS PER GOC
KFDA	13,704	3 FT SHALLOW AS PER GOC
BKDC	14,339	66 FT DEEPER
PKFU	14,380	70 FT DEEPER
UNZC	14,486	1 FT SHALLOW
PUZU	14,921	

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
0500 - 0630	1.5	0	EOW	E	LOG	TI	TLC	SWL	15273	15273	11200	12719	TF	965471	RIH W/ MDT TLC RUN#2 ON DRIFTED 5-1/2" DP STD'S F/ 11,200' TO 12,719'. - CONTROLLED RUNNING SPEED 1 MIN SLIP TO SLIP. - MONITOR WELL ON TRIP TANK & RECORDED TRIP SHEET. - FILL UP & BREAK CIRC EVERY 10 STD FOR 5 MIN. - USED WL CIRC SCREEN FOR FILL UP AND CIRCULAITON
0630 - 0800	1.5	0	EOW	E	LOG	CIRC	MPMP	RIG	15273	15273			TF	965471	CIRCULATED 1.5 STRING VOLUME W/ SCREENED MUD. - FR 244 - 150 GPM, SPP 800 - 350 PSI. - SPOT 50 BBL X FRESH MUD ABOVE THE WL LATCHING TOOL. - HELD PREJOB SAFETY MEETING. - RIG UP W/L LOGGING EQUIPMENT.
0800 - 0830	0.5	0	EOW	E	LOG	HT	WLT	SWL	15273	15273			TF	965471	R/U WIRELINE ON TLC - R/U WIRELINE SHEAVES AND SECURE SAME - M/UP CSES.
0830 - 1130	3	0	EOW	E	LOG	OTH	NA	SWL	15273	15273			TF	965471	RIH W/ PWCH ON WIRE LINE CABLE THROUGH DP. - PUMPED W/ 50 GPM, SPP 30 PSI. - LATCHED ON THE MDT TOOL. - POWER TOOLS AND CHECKED CONNECTIVITY WITH TOOLS. - OK - MONITOR WELL VIA TRIP TANK.
1130 - 1230	1	0	EOW	E	LOG	OTH	NA	SWL	15273	15273			TF	965471	HPJSM, INSTALLED CABLE CLAMP. - PERFORMED PULL TEST TO 3.5 KLBS X 5 MIN. GOOD TEST. - CORRELATED DEPTH WITH GR. - MONITOR WELL VIA TRIP TANK.
1230 - 1545	3.25	0	EOW	E	LOG	TI	TLC	SWL	15273	15273	12719	14685	TF	965471	RIH WITH MDT TLC RUN#2 ON 5 1/2" DP F/ 12,719 FT TO 14,685 FT (UNZC). - PERFORMED CORRELATION PASS. - MONITOR WELL VIA TRIP TANK.
1545 - 1645	1	0	EOW	E	LOG	LOG	WLT	SWL	15273	15273	14685	14685	TF	965471	PERFORMED STICK TEST @ 14,685 FT (UNZC) FOR 15/30 MIN - - NO STICKING TENDENCY. - MONITOR WELL VIA TRIP TANK.
1645 - 0145	9	0	EOW	E	LOG	LOG	WLT	SWL	15273	15273	14685	14685	TF	965471	SAMPLING POINT # 5 @ 14,685 FT (UNYZAH-C) - SCANNED AT 14,685 FT- SEALING OK. - PERFORMED PUMP OUT 02 SESSIONS AS PER RDD & COLLECTED SAMPLES (03 SAMPLES). - MOVED THE STRING AFTER EVERY 4 HRS - NO STICKING TENDENCY. - VOLUME PUMPED IN OH - 97.4 LITER (0.6 BBL).

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

SDGM-1276 DEVELOPMENT DRILLING BI-60

10/25/2025 - 02/17/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
															- MONITOR WELL VIA TRIP TANK.
0145 - 0230	0.75	0	EOW	E	LOG	TO	TLC	SWL	15273	15273	14685	14535	TF	965471	POOH WITH MDT TLC RUN#2 ON 5-1/2" DP F/ 14,685 FT TO 14,535 FT. (PKFU) - PERFORMED DEPTH CORRELATION. - MONITOR WELL VIA TRIP TANK.
0230 - 0330	1	0	EOW	E	LOG	LOG	WLT	SWL	15273	15273	14535	14535	TF	965471	PERFORMED STICK TEST @ 14,535 FT (PKFU) FOR 15/30 MIN. - NO STICKING TENDENCY. - MONITOR WELL VIA TRIP TANK.
0330 - 0459	1.5	0	EOW	E	LOG	LOG	WLT	SWL	15273	15273	14535	14535	TF	965471	SAMPLING POINT # 6 @ 14,535 FT (PKFU) - ONGOING. - CORRELATED DEPTH & SCANNED AT 14,535 FT - OK. - MONITOR WELL VIA TRIP TANK.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 1730	24	35.5	965471		TF	FOT	WLT	SWL	14701	PACKERS OF MDT WIRELINE TOOLS ON RUN#1 FAILED TO SEAL WITH FORMATION. UNABLE TO TAKE SAMPLES FOR THE LAST POINTS.

Foreman Remarks

SDGM-1276, PLANNED AS MK2PK-V DESIGN TARGETING PRE-KHUFF RESERVOIRS (UNAYZAH) AND COMPLETED WITH 15K CEMENTED LINER.

========== ARAMCO PERSONNEL ==========
> ARAMCO FCT SALMAN ASSAF # 764687 ON LOCATION 1/26/2026.
> KHALID ALOYAYRY #8484457 MATERIAL EXPEDITOR ON LOCATION 01/14/2026.
========== LAST CONTRACTOR MANAGEMENT VISIT ==========
> MURTADA ATA SLB DRILLING SUPT 11/18/2025.
> MOHAMMED AL-HERZ (LSTK GAS MANAGER), RAED GHALLI (WOM), JESUS ALVIDREZ (PROJECT MANAGER), ABDULLATIF ALBARUT (ENGINEERING TEAM LEAD), ARWA ALYAHYA (WELL ENGINEER) VISITED RIG ON 01/20/2026.
========== SAFETY ==========
WEEKLY SAFETY MEETING - HSE STATISTICS
DISCUSSED ARAMCO HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED
DISCUSSED ARAMCO HSE ALERT 09-26 TRUCK ROLLOVER
DISCUSSED ARAMCO HSE ALERT 10-26 FIRE & PROPERTY DAMAGE AT ACCOMMODATION
DISCUSSED WORKING AT HEIGHTS ON CEMENT SILOS AND BATCH MIXERS
DISCUSSED CURRENT OPERATION AND PROPER HOUSEKEEPING
REINFORCED THE CREW TO EXERCISE THEIR "STOP WORK AUTHORITY"
HSE AND OPERATION HIGHLIGHTS BY AD RS , IDS WSL AND ARAMCO FOREMAN.

==========
> DAILY HSE REPORT DWLTI - 3741
==========
>RRSI 2026 (WAITING FOR REPORT TO UPLOAD IN SLS)
>WC AUDIT (WAITING FOR REPORT TO UPLOAD ON SLS)
>4TH QSI TOTAL 31: (OPEN 1 CLOSED 30)
>LPD TOTAL 10 (OPEN 0 CLOSED 10).

NEAR MISS OR INCIDENTS REPORTED:
> NONE.
==========
DRILLS: H2S - 1 TRIP - 1 PIT - 1 FIRE PUMP - 2
==========
> INSPECTION:- ANNUAL DROPS INSPECTION

> TOTAL STOP CARDS : 52 (14 UNSAFE ACTS, 14 UNSAFE CONDITIONS, 24 POSITIVE HSE CULTURES).
========== WATER WELLS FOR SDGM-1276 ==========
> WATER WELLS SDGM-3513/925. 1/2 FUEL 11/3/2025

========== BHA ========== ==========

========== NEXT WELL ==========
SDGM-1297

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	15,273	1	222	0	15,271	-47.7	-8.04	158.69	0.19

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
93 PCF	2	0API	61	981 Volts	7	0	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2HTHP	14	17	0.1	9 / 13	RELIANT	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	35	25	7 / 8	0	0	2.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
93 PCF	2	0API	62	957 Volts	7	0	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.8HTHP	15	16	0.1	9 / 12	RELIANT	1.2

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LIMITED MORNING REPORT

SDGM-1276 DEVELOPMENT DRILLING BI-60

10/25/2025 - 02/17/2026

أرامكو السعودية
saudi aramco

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
61	0	32	23	7 / 8	0	0	4
Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
93 PCF	2	0API	62	991 Volts	6.96	0	31,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	2HTHP	15	15	0.1	9 / 13	RELIANT	0.2
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
62	0	31	23	7 / 8	0	0	2.4

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	AS PER SCHEDULE	LIGHT	N/A	SEASONAL	3,741	TWICE DAILY WITH CREW CHANGE

PERSONNEL AND SERVICES INFORMATION

Company	ITS	SUW	BR1	SDM	RIG	SMI	MJH	SJS	SWL	TK3	RIG	ARM	SCM	TK3	ARM
Category	CSR	CTRG	RINS	DPDS	RIG	DFMS	SEC	JST	LPS	OTHR	OTHR	OTHR	PCS	WSC	WSC
No. of Persons	0	13	0	0	37	2	8	0	6	11	23	2	0	2	1
Personnel on Loc. Hrs.	0	24	0	0	24	24	24	0	24	24	24	24	0	24	24
Operating Hours.	0	0	0	0	24	24	0	0	24	12	12	12	0	24	24

Total 105

TRUCKS/BOATS

Standby/Tankers	Others
E906	RIG AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	500	278	217	76	2250

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-3236 DEVELOPMENT DRILLING BI-60

01/03/2026 - 04/16/2026

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ADC-42L @ UTMN-3236 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-42L
Well: UTMN-3236
Wellbores: (0) UTMN_3236_0

Charge #: (66-25057-3236)
Wellbores: (0) UTMN_3236_0

Objective : (K-2 WELL DESIGN TO ISOLATE KHUFF FROM PRE-KHUFF FMT & WILL BE COMPLETED WITH 15K CMT LINER)

Foreman(s) AHRES, BOUALEM / MESSIOUGHI, MOURAD
Engineer SIMAMORA, ALFIAN / ALQHTANI, SAAD HUSSAIN
Manager HAJRI, HEZAM HAIYEN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11726	013 577 39 83	013 664880 0 (SLB)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013 577 39 36 (FCT)	013 577 35 79 (RIG CL ERK)	

Last 24 hr operations: CONT. P/U & RIH 28" MTR DRLG BHA, DRILL OUT CMT & F/S, MOTOR DRILL 28" HS.

Next 24 hr plan: MOTOR DRILL 28" HS TO 24" CP @ 2,787" (50' INTO AHMD)

Location: UTMN-3236 LOCATED IN SOUTH EAST OF UTHMANIYAH FIELD

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
695	30	535	535				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
535	9.3 (01/18/2026@2200)	0	160	152	152

Formation Tops

Formations	Top Depth	Comments
RUS	485	65' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	34	N	DRLG	HT	BHA	RIG	535	535			CONT. P/U & RIH 28" PERFORMANCE BHA TO 440 FT - 28" TCI GSI12 SMITH BIT (S/N: RS6079 - JETS 6 X 18 . - P/U 11-1/4" MOTOR (27-3/4" SLEEVE W/ FLOAT VALVE), FILTER SUB & 06 9-1/2 DC FROM PIPE RACK.
0700 - 0745	0.75	0	34	N	DRLG	RW	BIT	SBT	535	535	440	520	WASH DOWN LAST STANDS TO TAG TOC AT 532 FT. - WASH DOWN 1 X HWDP STAND. - 875 GPM, 1160 PSI.
0745 - 1200	4.25	0	34	N	DRLG	DFS	MMOT	SDM	535	535	520	535	DRILL OUT CMT & 30" CASING SHOE TO 535 FT.
1200 - 1700	5	0	28	N	DRLG	DMS	MMOT	SDM	535	605			DRILL 28" HOLE SECTION W/ PERF. BHA AND FULL CIRC. TO 605 FT. - WOB: 40~70 KLBS, RS: 15~30 RPM. - FR: 900~1,000 GPM, SPP: 1,160~1,560 PSI. - DRILL WITH CONTROLLED DRILLING PARAMETERS
1700 - 1800	1	0	28	N	DRLG	RR	TDS	RIG	605	605			PERFORM SERVICE ON TDS AND DROP SURVEY.
1800 - 2000	2	0	28	N	DRLG	HT	BHA	RIG	605	605			CONT. P/U & M/P 28" PERFORMANCE ASSEMBLY. - R/B 1 STAND OF 5-1/2" HWDP'S. - R/B 9-1/2" WORKING STAND. - P/U 9-1/2" DRILLING JAR. - P/U 2 JOINTS OF 9-1/2" DC'S. - P/U 1 STD OF 8-1/2" DC'S. - WT BELOW JAR: 88 KLBS
2000 - 2315	3.25	0	28	N	DRLG	DMR	MMOT	SDM	605	667			DRILL 28" HOLE SECTION W/ PERF. BHA AND FULL CIRC. TO 667 FT. - ENCOUNTER TOTAL MUD LOSS AT 667 FT - WOB: 40~70 KLBS, RS: 15~30 RPM. - FR: 900~1,000 GPM, SPP: 1,160~1,560 PSI. - OBSERVE HIGH SHOCKS AND VIBRATION.
2315 - 0459	5.75	0	28	N	DRLG	DMR	MMOT	SDM	667	695			BLIND DRILLING 28" HOLE SECTION W/ PERF. BHA TO 700 FT. - SWITCHED TO MIX ON FLY MUD. - WOB: 40~70 KLBS, RS: 15~30 RPM. - FR: 900~1,000 GPM, SPP: 1,160~1,560 PSI. - PUMP 100 BBL HI-VIS EACH STAND. - SPOT 100 BBL HI-VIS ACROSS BHA PRIOR CONNECTION. - PUMP MUD CAP IN ANNULUS.

Foreman Remarks

========== WELL OBJECTIVE==========
THE WELL IS PLANNED TO BE DRILLED AS K-2 S-SHAPE PROFILE TO TWLF, TARGETING PRE-KHUFF RESERVOIR AS THE PRIMARY AND KHUFF AS THE SECONDARY. THE WELL IS DESIGNED WITH A K-2 DESIGN TO ISOLATE KHUFF FROM PRE-KHUFF FMTS & WILL BE COMPLETED WITH 15K CMT LINER.
========== ARAMCO PERSONNEL ==========
> ARAMCO FOREMAN ALTARIQ, IBRAHIM, S #789982 ON LOCATION
> ARAMCO MATERIAL CLERK, ABDULLAH AL-ZAHRANI #820719 ON LOCATION (1/14/2026).
> ARAMCO MATERIAL CLERK, ABDULELAH ALAWAD #8502925 ON LOCATION (1/20/2026).
> ARAMCO FCT, ABDULLAH ALZAHRANI #781239, ON LOCATION (1/14/2026).
========== IDS PERSONNEL ==========
> IDS SUPERVISORS DAY: ATEF/ NIGHT: OSMAN
========== RIG VISIT ==========

========== HSE ==========
TOTAL STOP CARDS ENTERED IN THE REPORT: 39 (9 SUBSTANDARD ACT, 20 SUBSTANDARD CONDITIONS, 12 POSITIVE HSE CULTURE).
OWORKED ON THE ARAMCO AUDIT CHECKLIST,
OINSPECTION OF THE SAFETY HARNESS AT THE RIG SITE- UPDATING THE FALL PROTECTION REGISTER

LIMITED MORNING REPORT

UTMN-3236 DEVELOPMENT DRILLING BI-60

01/03/2026 - 04/16/2026

OCHECK THE SCBA ON THE MUSTER POINT AND RIG FLOOR AND TANKS
SPILL KIT CHECK ON THE RIG SITE
CHECK THE COMPLIANCE TO THE RIH CASING, CEMENTING JOB
WALKAROUND WITH THE RIG TEAM ON PREPARATION OF RIG FOR THE AUDIT.
WORK ON CLOSING OUT THE WEEKLY ACTION ITEMS
WEEKLY INSPECTION REPORTS TO BE PREPARED,
FOLLOW-UP ON GAP AUDIT OPEN ITEMS
HANDS AND FINGER INJURY CAMPAIGN AND USE OF HANDS-FREE TOOLS- CONTINUE

INSPECTIONS:
GAS DETECTION EQUIP - 1

TOFS: AN EMPLOYEE WAS FIXING BACK GRATING ON SHALE SHAKER NOTICED AREA WAS NOT FULLY BARRICADED
INTERVENED AND CONDUCT TOFS WITH OTHER CREW , ADVISED THEM TO BARRICADED THE WORKPLACE TO AVOID NON ESSENTIAL CREW ENTERING THE AREA THEY AGREED AND FOLLOW

DRILLS: H2S RELEASE DRILL - 1
==========DIESEL CONSUMED F/ OBM==========
APPROVED 2,100 BBLS, 11 LOADS / ORDERED: 9 LOADS RECEIVED 9 LOADS
========== AUDITS ==========
> 2025 2ND HALF HAZCOM 7/18/2025. TOT. ITEMS: 31, OPEN/CLOSED: 0/31.
> 1ST HALF CEHA AUDIT ON 2/17/2025, TOT. ITEMS: 27, OPEN/CLOSED: 0/27.
> LP CONDUCT A RIG SAFETY INDEX ASSESSMENT ON 6TH FEB, 2025 TOT. ITEMS: 25, OPEN/CLOSED: 0/25.
> ANNUAL SECONDARY H2S DRILL ON 14TH FEB, 2025
> RHSEI & WCEI ON 4/14/2025, TOT. ITEMS: WCEI 12, OPEN/CLOSED: 0/12--- RHSEI 26, OPEN/CLOSED: 1 (P4)/25
> SA D&WO OPERATIONS ENTITY IN-HOUSE AUDIT ON 10/7/2025
> HSE GAP ANALYSIS AUDIT ON FROM 10/11/2025 TO 10/14/2025: 93%
> LP CONDUCT A RIG SAFETY INDEX ASSESSMENT ON 18TH NOV,2025 TOT.ITEMS:14, OPEN/CLOSEED: 0/14
==========NEXT LOCATION ==========
> NEXT WELL: UTMN-3210
==========WATER WELL ==========
> WW: UTMN WATER POND
> UTMN WATER POND WATER PIT ANALYSIS:
DAILY POND WATER USED 1081BBL
CHLORIDE: 1250 MG/L ,
CALCIUM: 400 MG/L
PH 7.9 ,
H2S GARRET TEST : 0 % (LAST GGT 26/01/2026).

.==========VACUUM TANKERS AND CONSTRUCTION EQUIP==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	14API	0	0 Volts	5.11	9.5	1,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	96	50	1	20 / 22	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
118	2	8	4	22 / 24	30	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	15API	0	0 Volts	5.11	9.5	1,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	0HTHP	96	50	1	20 / 22	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
120	2	8	4	22 / 24	30	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	16API	0	0 Volts	5.11	9.5	1,600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	52	0	18 / 20	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
120	2	8	4	24 / 28	30	0	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4RR	535	695	DP Av	DC Av	Bit HHP	30	15	435	28	SMT
Pressure	**GPM**	**Jet Vel**	29.27	31.8	153	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,100	900	194				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
RS6079	GSI12	6 x 18 /	1.491							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	14	167	170	165	5,000		14

LIMITED MORNING REPORT

UTMN-3236 DEVELOPMENT DRILLING BI-60

01/03/2026 - 04/16/2026

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs
	14		20

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5.5	1	5.5	4.67	30	937.05	XT54	XT54	24.7	94,220.232	XD105	PREM	
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	278.07	907.05	XT54	XT54	61.6	93,479.232		CONV	RIG TALLY
12	Crossover	RIG	8.5	1	8.5	2.813	2.61	628.98	6 5/8 REG	XT54		76,350.12			11471972-1
11	Drillcollar	RIG	8.5	3	8.5	3	90.8	626.37	6 5/8 REG	6 5/8 REG	156	76,350.12		SPRL	
10	Crossover	RIG	8.5	1	8.5	2.813	3.22	535.57	6 5/8 REG	XT54	0	62,185.32			661
9	Drillcollar	RIG	9.5	2	9.5	2.81	61.51	532.35	7 5/8 REG	7 5/8 REG	0	62,185.32		SPRL	RIG TALLY
8	Hydraulic Jar	NOJ	9.5	1	9.5	3	28.55	470.84	REG	REG	220	62,185.32	A		527
7	Drillcollar	RIG	9.5	12	9.5	3	369.19	442.29	7 5/8 REG	7 5/8 REG	0	55,904.32		SPRL	RIG TALLY
6	String Reamer	SDM	5.25	1	4.75	2	8.38	73.1	NC38	NC38	10	55,904.32			18-0073-16
5	Shock Sub	SJS	12	1	12	3.25	12.22	64.72	7 5/8 H90	7 5/8 H90	4,500	55,820.52			CW935647-2
4	String Reamer	RIG	9.5	1	28	3.5	8.02	52.5	7 5/8 REG	7 5/8 REG	96	830.52			8-00-76-2
3	FIlter Sub	SDM	9.5	1	9.5	3	6.06	44.48	7 7/8 REG	7 5/8 REG	10	60.6			950-1026
2	Mud Motor	SDM	11.5	1	11.5	3	36.22	38.42	7-5/8" REG	7-5/8" REG	0	0			1125-40-029
1	Bit	SMT	28	1	28		2.2	2.2			0	0		A	RS6079

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	N/A	SEASONAL	4,285	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	SMI	SNS	TK3	RIG	ARM	OTH	TK3	ARM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	OTHR	VAC	WSC	WSC
No. of Persons	14	39	2	1	5	31	4	0	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	0	24	24
Operating Hours.	0	24	24	24	24	24	24	0	24	24

Total
100

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
ARAMCO TRUCK (E905)	4X4 AMBULANCE	4X4 ADC CAR	BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	563	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

UTMN-3166 DEVELOPMENT DRILLING BI-60

12/27/2025 - 02/16/2026

أرامكو السعودية
saudi aramco

ADC-43L @ UTMN-3166 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-43L
Well: UTMN-3166
Wellbores: (0) UTMN_3166_0

Charge #: (66-25057-3166)
Wellbores: (0) UTMN_3166_0

Objective : (THE WELL IS PLANNED TO BE DRILLED AS MK1 DESIGN, PLANNED TO PRE-SET THE 4-1/2" LINER INSIDE KHUFF-C)

Foreman(s) BOTERO HOYOS, HAROLD ALBERTO / KURBI, ABDULLAH SALEM
Engineer RODRIGUEZ CAMPOS, FERNANDO CARLOS
Manager NEJIDI, AHMED ABDULLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
0088216777 12579	577-3910	ADC 880-78 79
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
IPM 880-78 59	CLERK 577- 3956	

Last 24 hr operations
FMH DUMMY RUN, RUN & CEMENT 13 3/8" CASING (1ST STAGE).

Next 24 hr plan
CSG CEMENT JOB (1ST STAGE), OPEN DV AND CHC, SET EMERGENCY SLIPS, CEMENT JOB (2ND STAGE), N/D BOPE 26 3/4"-3K.

Location
WELL IS LOCATED IN EAST PART OF UTHMANIYAH FIELD 150 KM FROM THE DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,269	13 3/8	4268	4268				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4269	13.5 (01/14/2026@1800)	100	0	150	150

Formation Tops

Formations	Top Depth	Comments
RUS	515	255' DEEPER
UERR	770	74' DEEPER
ARUM	1,510	102' DEEPER
LAMS	2,000	23' SHALLOWER
AHMD	2,545	134' DEEPER
SFNY	2,850	81' DEEPER
SHUB	3,670	70' DEEPER
BYDH	3,950	22' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	16	N	CSG	HT	PEL	ITS	4269	4269			PJSM. FMH DUMMY RUN, L/D SAME IN ONE PIECE. MONITOR THE WELL ON TT.
0630 - 0800	1.5	0	16	N	CSG	OTH	CSG	TK3	4269	4269			PJSM. R/U ITS CASING TOOLS. MONITOR THE WELL ON TT.
0800 - 0930	1.5	0	16	N	CSG	HT	PEL	ITS	4269	4269			P/U, RIH & BREAK OUT 02 13 3/8" PUP JOINTS. MONITOR THE WELL ON TT. - PUP JOINTS THAT WERE PART OF LANDING JT AND WERE NOT BROKEN LAST WELL.
0930 - 1100	1.5	0	16	N	CSG	RCSG	CSTR	ITS	4269	4269	0	127	PJSM. M/U SHOE TRACK 13 3/8" CSG, 72#, VM-95, VTHC. - FLOAT SHOE + 02 JTS FBE + FLOAT COLLAR + 01 JT + LANDING COLLAR. - FUNCTION TESTED FLOAT EQUIPMENT. - M/U TORQUE 23,150 FT-LBS. - ALL ITEMS THREAD LOCK.
1100 - 1400	3	0	16	N	CSG	RCSG	CTRQ	ITS	4269	4269	127	1961	RUN 13 3/8" CSG, 72#, VM-95, VTHC (48 JTS OUT OF 102 JTS). MONITOR THE WELL ON TT. - FILL UP EACH JT. - M/U TORQUE 23,150 FT-LBS.
1400 - 1500	1	0	16	N	CSG	OTH	CSG	TK3	4269	4269			PJSM. M/U 13 3/8" ASSEMBLY (PUP JT + DV TOOL + PUP JT) AS PER HALLIBURTON SUPERVISOR INSTRUCTIONS. - PASSED CAREFULLY THROUGH BOP STACK.
1500 - 1600	1	0	16	N	CSG	RCSG	CTRQ	ITS	4269	4269	1993	2612	RUN 13 3/8" CSG, 72#, VM-95, VTHC (63 JTS OUT OF 102 JTS). MONITOR THE WELL ON TT. - FILL UP EACH JT. - M/U TORQUE 23,150 FT-LBS.
1600 - 1630	0.5	0	16	N	CSG	CIRC	MPMP	RIG	4269	4269			FILL UP & BREAK CIRC AT THE SHOE, MW 68 PCF (CIRC 100%). - PERFORMED PJSM BEFORE ENTER OPEN HOLE, HIGHLIGHTED RISK & MITIGTION PLAN.
1630 - 2100	4.5	0	16	N	CSG	RCSG	CTRQ	ITS	4269	4269	2612	4219	RUN 13 3/8" CSG, 72#, VM-95, VTHC (TOTAL 102 JTS). MONITOR THE WELL ON TT. - FILL UP EACH JT. - M/U TORQUE 23,150 FT-LBS.
2100 - 2315	2.25	0	16	N	CSG	OTH	CSG	TK3	4269	4269			ATTEMPT TO M/U PRE-MADE LANDING ASSY (BOTTOM PUP JT & FLUTED MANDREL HANGER + RUNNING TOOL & TOP PUP JT + LANDING JT) WITHOUT SUCCESS. - COULD NOT MAKE UP FMH LANDING ASSY, DECISION WAS TO L/D FMH HGR ASSY AND P/U 02 CSG JTS. - CALLED CAMERON TO SUPPLY EMERGENCY SLIPS.
2315 - 0015	1	0	16	N	CSG	RW	CSG	RIG	4269	4269	4219	4264	PRECAUTIONARY WASH DOWN LAST JTS TO BOTTOM, MW 68 PCF (CIRC 100%). - STAGE UP MUD PUMP SLOWLY WHILE WATCHING THE PRESSURE. - PUMP RATE 2-5 BPM , SPP 200-550 PSI.
0015 - 0145	1.5	0	16	N	CSG	CIRC	MPMP	RIG	4269	4269			CIRCULATE HOLE CLEAN, MW 68 PCF (CIRC 100%). - MEAN WHILE PREPARE CEMENT HEAD & SURFACE LINES.

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UTMN-3166 DEVELOPMENT DRILLING BI-60

12/27/2025 - 02/16/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0145 - 0245	1	0	16	N	CSG	OTH	CSG	TK3	4269	4269			PJSM. R/U CEMENT HEAD & SURFACE LINES, PT TO 5000 PSI FOR 10 MIN - OK.
0245 - 0315	0.5	0	16	N	CSG	PJSM	CSG	SCM	4269	4269			PRE JOB & SAFETY MEETING. REVIEWED RISK ASSESMENT AND MITIGATION PLAN FOR CEMENT JOB, ENPHASIZED STOP THE JOB AUTHORITY.
0315 - 0459	1.75	0	16	N	CSG	CMC	CSG	SCM	4269	4269			PJSM. SLB PERFORM 13 3/8" CSG CEMENT JOB (1ST STAGE) AS FOLLOW: RIG PUMP 150 BBLS 64 PCF SPACER, DROP WFT BOTTOM PLUG, SLB FLY MIX 222 BBLS LEAD SLURRY 95 PCF PLUS 75 BBLS 118 PCF TAIL SLURRY @ 5 BPM. DROP WFT SHUT OFF PLUG AND DISPLACE WITH 5 BBLS CEMENT 118 PCF PLUS 10 BBLS OF SPACER @ 5 BPM, SWITCH TO RIG PUMP 245 BBLS WBM 68 PCF, 30 BBLS SPACER 64 PCF ACROSS DV-TOOL @ 5 BPM, PLUS 323 BLS OF MUD 68 PCF @ 5-3 BPM.... ON GOING @ RT.

Foreman Remarks

THE WELL IS PLANNED TO BE DRILLED AS MK1 DESIGN, PLANNED TO PRE-SET THE 4-1/2" LINER INSIDE KHUFF-C CARBONATE (KC4-B) WITH CONVENTIONAL DRILLING RIG. THE WELL WILL BE COMPLETED WITH 10K CEMENTED LINER.

==========ARAMCO PERSONNEL==========
- HSE COORDINATOR AHMED BILAL USE ADC-43L AS ACCOMODATION SINCE 01/10/2026.
- HUSSAIN ALSALEM MATERIAL CLERK ON LOCATION SINCE 1/20/2026.
- HSE ADVISOR WASIM UL HASNAIN #8672647 ON LOCATION SINCE 01/23/2026.

==========IDS PERSONNEL==========
- WELL SITE: LUIS GARCIA, NIGHT WELL SITE: LOPEZ ALONSO.

==========ADC PERSONNEL==========
- TOOL PUSHER: ABD ELHAMID; NIGHT PUSHER: MAITHEM.

==========HSE AND ARAMCO ALERTS ==========
DWOLTI: 3324

PRE TOUR SAFETY MEETING WITH THE CREW
1.WEEKLY HSE STATISTICS (DLTI FREE)
2.HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED
3.HSE ALERT - 09-26 - TRUCK ROLLOVER
4.HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
5.PRECAUTIONS TO BE IMPLEMENTED FROM LESSONS LEARNED
6.FIRE SAFETY AWARENESS IN ACCOMMODATIONS
7.HAZCOM
8.DIGITAL STOP CARD REINFORCEMENT
9.STOP WORK AUTHORITY
10.HAZARDS AND RISK CONTROL ASSOCIATED TO DRILLING OPERATION
11.WIND AND EXTREME WEATHER CONDITIONS AWARENESS
12.IMPORTANCE OF MAINTAINING GOOD HOUSEKEEPING ALL TIMES
13.HIGHLIGHTED SWA AND LINE OF FIRE.

AUDITS :
1.1ST RSI (2025) BY ARAMCO TOTAL ACTION ITEMS 29 - OPEN ITEMS 01 - CLOSED - 28
2.2ND CEHA BY ARAMCO TOTAL ACTION ITEMS 25 - OPEN ITEMS 03 - CLOSED-20

DRILLS: 2 X TRIP DRILL.

SAFETY ALERTS: DISCUSSED HSE ALERTS 08-26, 09-26, 10-26 & SAFETY MOMENT LAST CONFERENCE CALL.

==========DIESEL FOR OBM SECTION==========
- APROVED 1884 BBLS.
- RECEIVED 0 BBLS.

==========WASTE MANAGEMENT==========
- UTMN WATER POND RECYCLE PROJECT.
- WATER PIT ANALYSIS: 1200 PPM CHLORIDE, 300 PPM CALCIUM, PH 7.5, 0% H2S GARRET TEST (LAST TEST 02/24/2026).

==========NEXT LOCATION==========
- NEXT WELL: HWYH-1379
- AS PER WELL SITE DEPARTMENT - 75% COMPLETE.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	9API	0	0 Volts	4.69	10.3	1,300
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	28	0	17 / 20	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
95	1	6	6	16 / 17	25	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	7API	0	0 Volts	4.69	10.3	1,300
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

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12/27/2025 - 02/16/2026

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	0	0HTHP	94	29	0	18 / 22	SPUD	0
	Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
	95	1	6	6	16 / 18	25	240	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	CALM	N/A	SEASONAL	3,325	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	HDV	SUW	RIG	SMI	SNS	TK3	RIG	ARM	TK3	ARM	CAM
Category	DV	CTRG	RIG	DFMS	H2S	OTHR	OTHR	OTHR	WSC	WSC	WHES
No. of Persons	1	13	41	2	1	13	25	4	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	20	0	24	24	12	12	0	24	24	24	24

Total
105

TRUCKS/BOATS

Standby/Tankers	Others
E982	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
5000	100	279	181	71	4600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

KHRS-193 WORKOVER-2 BI-90

01/26/2026 - 02/08/2026

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ADC-45 @ KHRS-193 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADC-45 Well KHRS-193 Wellbores: (0) KHRS_193_0	Charge #: (61-25051-0193) Wellbores: (0) KHRS_193_0	Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)	Foreman(s) GOMEZ GONZALEZ, ERNESTO SAMUEL / ALAMRI, YASSER SHAMI Engineer AALMAHFUZ, AHMAD SAMI / OKOCHA, ONYINYE STEPHEN Manager SAUD, MAHER IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12153	(013)-578- 4235	(013)-829- 7745 RIG M GR
OTHER VSAT	CONTRACTOR /CLERK VSA T	
(013)-829- 7645 CLINI C	(013)-578- 4236	

Last 24 hr operations	Next 24 hr plan
R/D ON KHRS-201, R/M & R/U ON KHRS-193.	R/D ON KHRS-201, R/M & R/U ON KHRS-193.

Location	Next Location
237 KM FROM DMG	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,517	9 5/8	6222	5113				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9517	0 (@)		0	237	237

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	RM	NA	RIG	8818	8818			HPJSM WITH RIG CREW, TRUCK PUSHER, RIGGERS -1, CRANE OPERATORS & DRIVERS, DISCUSS: - HAZARD POTENTIAL & SAFETY ISSUES DURING LIFTING, JSA, CRITICAL LIFT PLAN & WORK PERMIT REQUIREMENTS. - STERESSED ON VALID INSPECTION CERTIFICATES AND COLOR CODE FOR ALL LIFTING POINTS AND SWL OF SLINGS. ---------- R/D ACTIVITIES ON KHRS-201: - MOVED MAIN CAMP. - PRE-MOVE LOADS : 35 LOADS. - TOTAL LOADS MOVED TO KHRS-193: 127/140 DAILY/TOTAL. - RIG MOVE DISTANCE: 22.3 KM. - SKID ROAD: 6.4 KM & BLACK TOP: 15.9 KM. ---------- RIG DOWN ON KHRS-201: 80%. RIG MOVE TO KHRS-193: 80%. RIG UP ON KHRS-193: 30%. ---------- - MOBILIZATION VEHICLES: 26 TRUCKS (12 LOW BED, 8 FLAT BED, 6 WINCH TRUCKS & 3 FORKLIFTS). - RIG MOVE CREW: 4 TRUCK PUSHERS, RIG MOVE MEDIC, 2 RIGGER-1, 3 FORKLIFT OPERATORS. - ** NESR S/L RIGLESS OPERATION AT KHRS-201. ** FROM 9:30 TO 10:30 ON 12/27/2026. - S/L RIH & RETRIEVED 4-1/2" INTERWELL ME PLUG AT 990 FT. - S/L POH & R/D S/L EQUIPMENT. - NO CRITICAL LIFT PLAN AT NIGHT. - - KHRS-201 RETRIEVED BY 4-1/2" INTERWELL PLUG ON 1/27/2026. - KHRS-193 SECURED BY 4-1/2" INTERWELL PLUG WITH JUNK CATCHER AT 990 FT ON 1/26/2026.

Workover Objectives

Foreman Remarks

ODF CORRECTION: FT.
==========WELL DATA==========
RER: 100 PPM (276 M), 30 PPM (514 M), 1/2 LFL (104 M).
GOR ARBD- RESERVOIR: 258 SCF/STB & H2S: 1.12%.
==========POB==========
- ARAMCO M.E. MOHAMMAD ALABDRABALNABI #816323 ON LOCATION SINCE 1/19/2026.
- DOECD FCT SHUBAILI ASIRI #740317 ON LOCATION SINCE 01/14/2026.
- ARAMCO CLERK JOSEPH TORRES #8185821 ON LOCATION SINCE 1/25/2026.
==========SIMOPS==========
- ACTIVATE SIMOPS DAILY WITH KHRS-147 (INSIDE 100 PPM RER) FIELD SERVICE & PRODUCTION.
==========AUDIT==========
-DEOCD 1ST RHSEI AUDIT 31 DEC 2024: TOTAL 38 ITEMS, CLOSED (38), OPEN (0).
- 01ST QSI 2025: 11 MARCH 2025: TOTAL 38 ITEMS, CLOSED (38), OPEN (0)
- 02ND QSI 2025: 26 JUN 2025: TOTAL 41 ITEMS, CLOSED (41), OPEN (0)

LIMITED MORNING REPORT

KHRS-193 WORKOVER-2 BI-90

01/26/2026 - 02/08/2026

- 03RD QSI 2025: 10 SEP 2025: TOTAL 30 ITEMS, CLOSED (30), OPEN (0)
- 04TH QSI 2025: 14 DEC 2025: TOTAL 45 ITEMS, CLOSED (45), OPEN (0)
- DEOCD 1ST WCEI AUDIT 22 MAY 2025: TOTAL 8 ITEMS, CLOSED (08), OPEN (0)
- CEHA 2ND AUDIT 06 NOV 2025: TOTAL 33 ITEMS, CLOSED (33), OPEN (0)
- LPD VISIT 02 JULY 2025: TOTAL 27 ITEMS, CLOSED (27), OPEN (0)

========== HSE ==========

*** LTI FREE DAYS-(2723), PRE-TOUR MEETING: (2), COLD PTW: (22), HOT PTW: (0), LIFTING PERSONNEL: (0) JSA: (22), SLS OBSERVATIONS: (20),
*** DRILLS: NONE
HSE ALERTS DISCUSSED:
*HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED
TOPIC DISCUSSED IN PRE-TOUR MEETING:
*RIG MOVE, LOADING/OFFLOADING, WORKING WITH CRANE AND FORKLIFT, REMINDED SAFE WORK PRACTICES AND PROCEDURE.
*RIG UP JOBS, MISSING GUARDRAILS, HATCHES, COVERS, GRATINGS, SLIP, TRIP, FALL HAZARDS, PRECAUTIONS, CONTROLS.
*WORK AT HEIGHT, FALL PROTECTION.
*USING HAND TOOLS, SLEDGEHAMMERS, HAMMER WRENCHES, HAZARDS, PRECAUTIONS, HANDS AND FINGERS SAFETY.
*PTW, JSA, PJSM COMPLIANCE, TARGET ZERO ERRORS, MISTAKES, VIOLATIONS.
*RED ZONE, LINE OF FIRE, STOP WORK AUTHORITY.

==========DIESEL CONSUMPTION==========

- MUD/COMPLETION DIESEL IN BBLS.
- STOCK: 0.
- CONSUMED: 0.
- RECEIVED: 0.

==========RENTAL & OTHER EQUIPMENT==========

- INSTALL SINOPEC H2S STAND ALONE SENSOR ON KHRS-147 INSIDE 100 PPM RER FOR KHRS-193.

==========CAMP CENTRALIZATION==========

- NO.

==========NEXT WELLS==========

- KHRS-188 KOM DONE ON 11/27/2025, STRIP OUT 100 %, LOCATION 0 %.
- KHRS-192 KOM DONE ON 01/24/2026, STRIP OUT 100%, LOCATION 0%.
- KHRS-125 KOM DONE ON ON 1/4/2025, STRIP OUT 0 %, LOCATION 0 %.
- KHRS- 134 KOM DONE ON 07/22/2025, STRIP OUT 100 %, LOCATION 0 %.

==========TRUCKS & BOATS==========

- ARAMCO VEHICLE (B-939): NEXT PM SERVICE 1/22/2026.

==========RIG ON LOCATION SUPPORT==========

- 4 X RAW WATER TANKERS ON LOCATION.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N 10 - 21 KM/H	N/A	SEASONAL 7 - 20 DEG	2,724	DAILY PRE TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	INW	SUW	OES	ASH	SNS	RIG	ARM	RIG	NSL	ARM
Category	BRCR	CTRG	DFMS	FLD	H2S	OTHR	OTHR	RIG	SLS	WSC
No. of Persons	1	15	1	4	1	61	3	37	3	2
Personnel on Loc. Hrs.	5	24	24	24	24	24	24	24	5	24
Operating Hours.	2	0	0	0	12	12	12	24	2	24

Total 128

TRUCKS/BOATS

Standby/Tankers	Others
aramco truck b939	adc-45 AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other
PALO ALTO NEED TO BE RESTORE BY IT	

Reporter

Computer, Communication & V-Sat Issues

LEO SATELLITE SERVICE IS DOWN DUE PALO ALTO INTEGRATION ISSUE. IT SUPPORT IS REQUIRED TO DISPATCH TECHNICIAN AND RESTORE CONNECTIVITY ASAP - REQUEST OPEN SINCE DEC 31, 2025.

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LIMITED MORNING REPORT

HWYH-1389 DEVELOPMENT DRILLING BI-60

12/22/2025 - 03/04/2026

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ADC-46L @ HWYH-1389 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-46L
Well: HWYH-1389
Wellbores: (0) HWYH_1389_0

Charge #: (66-24053-1389)
Wellbores: (0) HWYH_1389_0

Objective : (MK1-V VERTICAL PROFILE TO KFDA TARGETING KHUFF-C RESERVOIR AS 1ST TARGET & KHUFF-B AS 2ND TARGET)

Foreman(s): HERZ, ALI MOOSA / ZERROUKI, MOHAMED / ALSAIHATI, ABDULLAH ZUHAIR
Engineer Manager: EKHIBISE, OSAGIE AIBUEDEFE / NAJIM, KHALID YOUSEF

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2725	013-577-39 11	013-664-88 02 SLB
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-829-77 46/829-764 6 ADC	013-577-39 68	

Last 24 hr operations
N/U & PT 13 5/8" 10M BOP STACK. L/D TEST PLUG & ASSY. INSTALL WB. P/U, M/U & RIH W/ 12" PERFORMANCE DRLG BHA

Next 24 hr plan
CONT. RIH W/ 12" PERFORMANCE DRLG BHA. D/O D.V TOOL. CONT RIH WITH 12" BHA, C/O SHOE TRACK, DRILL 12" HOLE SECTION TO 11,099' (+/- 30' INTO BJDM)

Location
RIG IS SITUATED 177.21 KM FROM THE DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,882	13 3/8	4875	4875				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4882	15.5 (01/12/2026@1630)	100	0	178	177

Formation Tops

Formations	Top Depth	Comments
RUS	650	12' DEEPER
ARUM	1,820	82' DEEPER
LAMS	2,275	27' DEEPER
AHMD	3,175	157' DEEPER
SFNY	3,380	39' HIGHER
SHAB	4,376	55' DEEPER
BYDH	4,680	54' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0745	2.75	0	16	N	BOP	NU	BOP	RIG	4882	4882			CONT. N/U 13 5/8" 10M BOP STACK. - CONNECT KILL & CHOKE LINES. - CONNECT FLOW LINE. - R/U HYDRAULIC LINES & FUNCTION TEST BOPE.
0745 - 1000	2.25	0	16	N	WH	OTH	NA	RIG	4882	4882			P/U & M/U BOP TEST ASSY. - RIH 3 X 5-1/2" HWDP + X/O + TEST PLUG + X/O + 5-1/2" DP + PUP JT + SIDE ENTRY SUB + FOSV + PUP JT. - RIH AND LAND TEST PLUG IN WELL HEAD. - FLUSHED KILL LINE, CHOKE MANIFOLD AND MGS W/ WATER.
1000 - 1030	0.5	0	16	N	BOP	PJSM	BOP	RIG	4882	4882			HPJSM PRIOR TO PRESSURE TESTING BOP - DISCUSSED WITH CREW HAZARDS INVOLVED AND PREVENTATIVE MEASURES.
1030 - 1600	5.5	0	16	N	BOP	BOPT	BOP	RIG	4882	4882			PERFORMED 13-3/8" BOP TEST AS PER THE ARAMCO STANDARDS.
1600 - 1730	1.5	0	16	N	BOP	OTH	BOP	RIG	4882	4882			POOH & L/D BOP TEST ASSY. - POOH TEST PLUG FROM WELL HEAD. - POOH AND R/B 3 STD OF 5-1/2"HWDP.
1730 - 1815	0.75	0	16	N	WH	RTRV	WBSH	RIG	4882	4882			M/U RUNNING TOOL. INSTALLED WEAR BUSHING (CAMERON SUPERVISION). L/D RUNNING TOOL
1815 - 1845	0.5	0	16	N	DRLG	HT	PEL	RIG	4882	4882			HPJSM BEFORE L/D DRILL COLLAR. - RIG UP HANDLING TOOL FOR DC.
1845 - 2145	3	0	16	N	DRLG	HT	STRG	RIG	4882	4882			L/D EXCESS DCS FROM MAST. - L/D 4 STDS 9-1/2" DC. - L/D 1 STD 8-1/2" DC.
2145 - 2215	0.5	0	16	N	DRLG	PJSM	NA	RIG	4882	4882			HPJSM BEFORE M/U AND RIH 12" MOTOR BHA.
2215 - 0230	4.25	0	16	N	DRLG	HT	BHA	RIG	4882	4882			PU/MU & RIH NEW 12PERFORMANCE DRILLING BHA TO 750 FT - M/U NEW 12MSI716V2-C PDC BIT (#: SA01780, NOZZLES: 10 X 13). - 12" PDC BIT + MOTOR 962DTX 7837 WITH 11-7/8BH SLEEVE WITH FV. + 11 7/8" STRING STAB + SAVER SUB + MWD+ SAVER SUB + 11 7/8" STRING STAB + FLOAT SUB + FILTER SUB + PBL SUB + 11 X 8.5" SPIRAL DC + DRILLING JAR. + 3 X 8-1/2" DC + XO + 6 X 5-1/2" HWDP. - M/U TQ @ 47,000 LBS.FT.
0230 - 0300	0.5	0	16	N	DRLG	HT	PEL	RIG	4882	4882			HPJSM, PRIOR TO P/U DP. - CHANGE HANDLING TOOLS.
0300 - 0459	2	0	16	N	DRLG	TI	SPDP	RIG	4882	4882	750	1600	RIH WITH 12" PERFORMANCE BHA ON 5-1/2" DP SINGLES - FILL UP STRING AT EVERY 20 STANDS. - MONITORED WELL ON TRIP TANK, OK.

Foreman Remarks

========== WELL OBJECTIVE ==========

LIMITED MORNING REPORT

HWYH-1389 DEVELOPMENT DRILLING BI-60

12/22/2025 - 03/04/2026

THIS DRILLING PROGRAM IS ISSUED TO DRILL WELL HWYH-1389, LOCATED IN THE EASTERN FLANK OF HWYH FIELD. THE WELL IS PLANNED TO BE DRILLED AS MK1 DESIGN WITH A VERTICAL PROFILE TO KFDA TARGETING KHUFF-C RESERVOIR AS PRIMARY TARGET AND KHUFF-B AS SECONDARY TARGET, AND WILL BE COMPLETED WITH 15K CEMENTED LINER. A SEPARATE SUPPLEMENT WILL BE ISSUED TO COVER THE COMPLETION DETAILS.

- RER 1/2 LFL = 97 M; 100 PPM =195 M ; 30 PPM = 561M

========== PERSONNEL ON BOARD ==========
- ARAMCO MATERIAL EXPEDITOR ABDULWAHAB ALOTAIBI #8371559 ON LOCATION SINCE 1/19/2026
- ARAMCO HSE/FCT SULTAN ALSHARIF# 764544 ON LOCATION SINCE 01/25/2026
- MOHAMED ALGHAMDI# 787996 HSE/FCT ON LOCATION SINCE 01/27/2026.
==========SERVICE PERSONNEL==========
- IDS FOREMEN: YOGENDRA & , HEROMINI
- ADC TOOLPUSHERS: SHARIF & ABBAS.
==========HSE & DRILLS==========
DAYS WITHOUT LTI - 1937
CONDUCTED DAILY SAFETY MEETING AND DISCUSSED THE FOLLOWING

-CURRENT OPERATION: PRESSURE TESTING BOP - KEEP HIGH PRESSURE AREA BARRICADED - LINE OF FIRE CLEAR
-DISCUSSED NEXT OPERATION - PU BHA - KEEP RED-ZONE CLEAR - USE TAGLINE - INSPECT LIFTING GEARS BEFORE USE
-CONDUCTED SAFETY OUTREACH CAMPAIGN BY ARAMCO FCT
-DISCUSSED HSE ALERT 166-25 - FORKLIFT SHIELD DAMAGED BY MAST STAND
-DISCUSSED REEL-SAFE 34-25 - WORKER STRUCK BY FORKLIFT
-DISCUSSED REGARDING LIFTING BOP - LIFTING PLAN - CONDUCT PRE JOB SAFETY MEETING
-DISCUSSED TO KEEP RED-ZONE CLEAR, ASSIGN BANKSMAN - USE TAGLINE
-DISCUSSED REGARDING PTW - PRE JOB SAFETY MEETING BEFORE EACH NON-ROUTINE JOBS WITH ALL INVOLVED CREW
-STOP CARDS REPORTING UNSAFE / SAFE OBSERVATIONS

DRILLS:
-ACCUMULATOR DRILL X 01
-BOP DRILL X 01

NEAR MISS - DEC - 2025:

-SLS # 10632884 08-DEC-2025
-SLS# 10705396 19-DEC-2025

AUDITS:
-RHSEI 2026 (JAN-2026) - OPEN: 11 - CLOSED: 16 - TOTAL: 27 (CLOSURE PERCENTAGE: 60%)
-ANNUAL SECONDARY DRILL (DEC-25) - OPEN 1 - CLOSED 3 : (CLOSURE PERCENTAGE: 75%)
INSPECTION:
-WEEKLY EMERGENCY SHOWERS INSPECTION

STOP CARDS:
-TOTAL STOP CARDS: 29 (08 UNSAFE ACTS, 12 UNSAFE CONDITIONS, 09 POSITIVE HSE CULTURE)
==========VACUUM TANKERS==========

==========WATER WELLS==========
- HWYH-3526 & HWYH-3542
==========NEXT LOCATION==========
- HWYH-1378

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	10API	0	0 Volts	4.55	10	400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	27	0	12 / 24	HB-MUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
77	1	32	6	12 / 14	30	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	10API	0	0 Volts	4.55	10	400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	26	0	12 / 24	HB-MUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
77	1	32	6	12 / 14	30	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	9API	0	0 Volts	4.55	10	400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	26	0	12 / 24	HB-MUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
77	1	32	6	12 / 14	30	240	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur

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LIMITED MORNING REPORT

HWYH-1389 DEVELOPMENT DRILLING BI-60

12/22/2025 - 03/04/2026

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5	4,882	4,882	DP Av	DC Av	Bit HHP	N/A	N/A	M423	12	SMT
Pressure	GPM	Jet Vel	0	0	0	I-Row	O-Row	DC	Location	Bearings
N/A	0	0				N/A	N/A	N/A	N/A	N/A
Serial Num	Type	Jets	TFA							
SA01780	MSI716V2C	10 x 13 /	1.296							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs
			0

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	31	781.2	XT54	XT54	24.7	14,649.088	XD105	PREM	
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	183.84	750.2	XT54	XT54	52.51	13,883.388		CONV	
14	Crossover	RIG	8.5	1	8.5	2.813	3.2	566.36	XT54	6 5/8 REG	0	4,229.95			222
13	Drillcollar	RIG	8.5	3	8.5	2.813	90.28	563.16	6 5/8 REG	6 5/8 REG	0	4,229.95		SPRL	
12	Hydraulic Jar	SJS	8	1	8.5	3	32.38	472.88	6-5/8 REG	6-5/8 REG	1	4,229.95			46944HA
11	Drillcollar	RIG	8.5	11	8.5	2.813	335.34	440.5	6 5/8 REG	6 5/8 REG	0	4,197.57		SPRL	
10	PBL (Multiple Activation By Pass)	MIW	8	1	8	2.813	8.52	105.16	6 5/8 REG	6 5/8 REG	0	4,197.57			WES825BP700
9	FIlter Sub	SDM	8	1	8	3	6.37	96.64	6 5/8 REG	6 5/8 REG	0	4,197.57			800-1073
8	Float Sub	SDM	8.25	1	8.25	2.875	2.56	90.27	6 5/8 REG	6 5/8 REG	0	4,197.57			6000026
7	Stabilizer	SDM	11.875	1	8.25	3	6.02	87.71	6 5/8 REG	6 5/8 REG	1	4,197.57			PST4652
6	Saver Sub	SDM	8.25	1	8.25	2.875	1.3	81.69	6 5/8 REG	6 5/8 REG	0	4,191.55			NTSS-51022-01
5	Measurement While Drilling (MWD)	SDM	8.25	1	8.25		30.7	80.39	6-5/8 REG	6-5/8 REG	135	4,191.55			G6806
4	Saver Sub	SDM	8.25	1	8.25	2.875	1.43	49.69	6 5/8 REG	6 5/8 REG	0	47.05			NTS-33242
3	Stabilizer	SDM	11.875	1	8.25	3	7.65	48.26	6 5/8 REG	6 5/8 REG	1	47.05			0 0-77-0-2'
2	Mud Motor	SDM	9.62	1	9.625	3.257	39.4	40.61	6-5/8 REG	6-5/8 REG	1	39.4			962-55-00-20
1	Bit	SMT	0	1	12		1.21	1.21				0			SA01780

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	N/A	NORMAL	N/A	SEASONAL	1,938	2 X PRE-TOUR MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	SMI	RIG	TK3	RIG	ARM	TK3	ARM	CAM
Category	CTRG	RIG	DFMS	MED	OTHR	OTHR	OTHR	WSC	WSC	WHES
No. of Persons	13	37	2	1	5	20	3	2	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	13
Operating Hours.	0	24	12	0	12	12	12	24	24	12

Total
88

TRUCKS/BOATS

Standby/Tankers
Aramco Truck (H722)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	200	731	500	1000	5000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2583 DEVELOPMENT DRILLING BI-60

01/15/2026 - 03/14/2026

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ADC-47 @ HRDH-2583 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-47
Well: HRDH-2583
Wellbores: (0) HRDH_2583_0

Charge #: (66-23058-2583)
Wellbores: (0) HRDH_2583_0

Objective : (MK-1 VERTICAL 250 FT INTO KFDA.)

Foreman(s): HASSAN, KHALED ALI / SHETA, MOHAMED OSAMA
Engineer: HAZOOM, AHMED ABDULADHEM / OMINI, PETER ITAM
Manager: IBRAHIM, ALI ABDULRAZAK

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2390	0135784968	0138297747 //01382976 47

CONTRACTOR /CLERK VSA T: 0135784967 /013578496 5

Last 24 hr operations: RUN 13-3/8" CASING, 2-STAGE CMT JOB.

Next 24 hr plan: N/D 26-3/4"-3M BOP, N/U WELLHEAD, N/U & PT 13-5/8"-10M BOP, RUN 12" ROTARY BHA, ROTARY DRILL 12" HOLE TO +/-8,951 FT (+/-30 FT INTO BJDM).

Location: HRDH-2583 IS 254KM FROM DMG ON BLACK TOP (3KM BEFORE HARADH TRIANGLE), THEN RIGHT HAND 2KM SKID RD .

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
3,415	13 3/8	3403	3403				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
3415	6.5 (01/21/2026@1700)	100	0	254	254

Formation Tops

Formations	Top Depth	Comments
BYDH	3,115	108' DEEP

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	16	N	CSG	HT	PEL	NAC	3415	3415			PJSM, R/U NABORS 13-3/8" CSG HANDLING TOOLS, CRT, JAM & PICK-UP MACHINE.
0700 - 0830	1.5	0	16	N	WH	OTH	NA	RIG	3415	3415			DUMMY RUN, LAND 18-3/4" X 13-3/8" FMH IN CASING HEAD PROFILE, MARK DISTANCE (43`), POOH & L/D SAME.
0830 - 1000	1.5	0	16	N	CSG	RCSG	CSTR	NAC	3415	3415	0	168	PJSM, M/U 13-3/8" CSG SHOE TRACK (FS, 2 JTS - FC, 1 JT, LC, 1 JT). > CHECK FLOATS WITH WATER OK. > THREAD LOCK FIRST FIVE CONNECTIONS.
1000 - 1300	3	0	16	N	CSG	RCSG	CTRQ	NAC	3415	3415	168	1868	M/U & RIH 13-3/8" CASING (72#, VAM TOP, FBE) TO 1,868 FT (46 OUT 82 TOTAL JTS). > FILL-UP EVERY 5 JOINT.
1300 - 1345	0.75	0	16	N	CSG	RCSG	DV	HDV	3415	3415			P/U & M/U 13-3/8" HALL DV TOOL WITH 2 PUP JTS.
1345 - 1615	2.5	0	16	N	CSG	RCSG	CTRQ	NAC	3415	3415	1868	3353	M/U & RIH 13-3/8" CASING (72#, VAM TOP, FBE, BARE) TO 3,353 FT (82 TOTAL JTS). > FILL-UP EVERY 5 JOINT.
1615 - 1730	1.25	0	16	N	CSG	SET	FMH	CAM	3415	3415			M/U 18-3/4" X 13-3/8" CIW FMH W/ RUNNING TOOL. WASH DOWN & SET FMH ON WELL HEAD. > F.S @ 3,403 FT - F.C @ 3,318 FT - L.C @ 3,275 FT - DVT @ 1,520 FT.
1730 - 1900	1.5	0	16	N	CSG	CIRC	MPMP	RIG	3415	3415			CIRC. WITH CRT MEANWHILE R/D CSG HANDLING TOOLS & PICKUP MACHINE.
1900 - 2030	1.5	0	16	N	CSG	CMC	CSG	BCM	3415	3415			R/U BAKER CMT HEAD & SURFACE LINES AND CIRCULATION.
2030 - 2330	3	0	16	N	CSG	CMC	CSG	BCM	3415	3415			PERFORM 1ST-STAGE CMT JOB AS FOLLOW:- > PJSM AND PT LINE TO 4000 PSI OK. > RIG PUMP 200 BBLS OF 3% KCL SPACER. > DROP BYPASS PLUG. > BAKER FLYMIX & PUMP 210 BBLS OF 95 PCF LEAD SLURRY TAILED BY 75 BBLS OF 118 SLURRY. > DROP SHUT-OFF PLUG AND BAKER PUMP 10 BBLS CMT+20 BBL WATER. > DISPLACE CMT WITH 205 BBLS MUD, 50 BBLS FRESH WTR, 200 BBLS MUD. > BUMB PLUG WITH 1000 PSI OVER FDP - CHECK FLOATS HELD OK.
2330 - 0030	1	0	16	N	CSG	CIRC	MPMP	RIG	3415	3415			DROP HALL DV OPENING BOMB. > INFLATE DV PACKER WITH 320 PSI. > FILL-UP ANNULUS & STATIC LEVEL AND OPEN DV WITH 2200 PSI OK.
0030 - 0130	1	0	16	N	CSG	CIRC	MPMP	RIG	3415	3415			CIRCULATE 1.5 ANNULAR VOLUME AT HIGH RATE - HAD 180 BBL SPACER , 60 BBL PURE CMT.
0130 - 0330	2	0	16	N	CSG	CMC	CSG	BCM	3415	3415			PJSM, PERFORM 2ND-STAGE CMT JOB AS FOLLOWS: > RIG PUMP 200 BBLS WATER AHEAD. > BAKER FLY MIX & PUMP 150 BBLS OF 101 PCF LEAD SLURRY TAILED BY 73 BBLS OF 118 PCF SLURRY. > RELEASE DV CLOSING PLUG. > BAKER PUMP 10 BBLS CMT SLURRY, 20 BBLS WATER. > RIG DIPLACE CMT BY 197 BBLS MUD. > BUMP PLUG & CLOSE DV AT 1800 PSI. > RELEASE PRESSURE AND CONFIRM DV PORTS CLOSED OK. > RECOVERED 40 BBLS PURE CMT ON SURFACE.
0330 - 0430	1	0	16	N	CSG	CIRC	MPMP	RIG	3415	3415			FLUSH WELLHEAD WITH WATER. DISCONNECT & R/D SURFACE LINE & CMT HEAD.

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LIMITED MORNING REPORT

HRDH-2583 DEVELOPMENT DRILLING BI-60

01/15/2026 - 03/14/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0430 - 0459	0.5	0	16	N	CSG	HT	PEL	RIG	3415	3415			POOH LANDING JOINT & L/D FMH RUNNING TOOL.

Foreman Remarks

HRDH-2583 IS PLANNED TO BE DRILLED AS A MK-1 VERTICAL WELL TARGETING KHUFF-C RESERVOIR AS A PRIMARY TARGET AND KHUFF-A & B AS A SECONDARY TARGET TO A WELL TD 250 FT INTO KFDA. BASED ON LOGS THE WELL WILL BE COMPLETED WITH A 15K CEMENTED LINER.
==========PERSONNEL==========
> ARAMCO MATERIAL EXPEDITOR ABDULLAH AL YAMI #760318 ON LOCATION.
> ARAMCO CLERK "ABDULELAH MOHAMMAD# 7218149" ON LOCATION.
> ARAMCO HSE ADVISOR KUKKU RAMACHANDRAN #8594649 ON LOCATION .
========== RIG VISIT==========
==========HSE==========
> DRILLS: 01 TRIP DRILL.
> HSE ALERTS: HSE ALERT 05-26 - ROUSTABOUT LIFTED BY TAG LINE.
> NEAR MISS: NONE.
==========THIRD PARTY==========
==========OPERATIONS==========
==========WELLSITE SERVICES==========
==========DRLG FLUID COST OPTIMIZATION==========
==========DRLG BIT OPTIMIZATION==========
==========
- 08 MUJAHIDEEN ON LOCATION.
==========
NEXT WELL: HRDH-2703 NOT READY YET.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/25/2026	01/25/2026	CALM	N/A	SEASONAL	2,705	N/A

PERSONNEL AND SERVICES INFORMATION

Company	NAC	SUW	HDV	RIG	EMC	MJH	RIG	ARM	BCM	ARM	CAM
Category	CSR	CTRG	DV	RIG	DFMS	SEC	OTHR	OTHR	PCS	WSC	WHES
No. of Persons	6	14	1	37	2	8	24	3	4	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	19	24	12	0	0	12	0	24	3.5

Total 103

TRUCKS/BOATS

Standby/Tankers
H730

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	304	N/A	N/A	4200

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2615 DEVELOPMENT DRILLING BI-60

01/18/2026 - 04/19/2026

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ADC-48 @ HRDH-2615 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADC-48 Well HRDH-2615 Wellbores: (0) HRDH_2615_0	Charge #: (66-25058-2615) Wellbores: (0) HRDH_2615_0	Objective : (MK-1 (S-SHAPE) HOLE TARGETING UNZA AS PRIMARY TARGET AND UZBC AS THE SECONDARY TARGET)	Foreman(s) ABDEL RAHMAN, MOHAMED ABDEL RAHMAN / GHERNOUG, YOUCEF Engineer DE ABREU GONCALVES, MIGUEL ANTONIO / SINDI, MOAYAD SAEED Manager SHEHRI, ABDULLAH NAEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
882-167-77 1-2620	013-577-39 44	013-829-77 48-ADC RIG SUPT
OTHER VSAT	OTHER VSAT	CONTRACTOR /CLERK VSAT
013-829-76 48-CLINIC	013-577-39 46 - FCT	013-577-39 69

Last 24 hr operations	Next 24 hr plan
R/U ON HRDH-2615.	R/U ON HRDH-2615.

Location	Next Location
WELL IS LOCATED 0.44 KM N OF HRDH-1512 AND 0.627 KM N9W OF HRDH-1044.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	281	281

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	RU	NA	RIG	0	0			HELD PJSM WITH ALL PERSONNEL INVOLVED IN RIG MOVE OPERATION & DISCUSSED: ** STOP WORK AUTHORITY, GOOD COMMUNICATION & TEAM WORK. ** PROPER LIFTING PROCEDURES & PRECAUTIONS. ** WORKING AT HEIGHT HAZARDS & PRECAUTIONS. ** CRITICAL LIFT PLAN & GENERAL WORK PERMIT REQUIREMENTS. ** POTENTIAL HAZARDS & SAFETY RISKS DURING R/D. CONNECT FLARE LINE TO CHOKE MANIFOLD. CONT R/UP CELLAR PUMP. SECURE ALL HARD LINE. CONTINUE WORK ON DITCH LINE. PICK UP 5-1/2" DP STDS AND RACK BACK ON MAST. PREPARE 28'' DRILLING BHA. WORK ON PRE SPUD CHECKLIST. RIG MOVE SUMMARY: ========== ** R/D ON HRDH- 1287: 100%. ** R/M TO HRDH- 2615: 100%. ** R/U ON HRDH- 2615: 95%.

Foreman Remarks

HRDH-2615 IS PLANNED TO BE DRILLED AS A MK-1 (S-SHAPE) HOLE TARGETING UNZA AS PRIMARY TARGET AND UZBC AS THE SECONDARY TARGET. THE WELL WILL BE COMPLETED WITH 15K CEMENTED LINER
==========ARAMCO PERSONNEL==========
- ARAMCO FOREMAN SUHAYB ALGHAMDI ON LOC. 01/14/26
- ARAMCO CLERK HASAN HUSSAIN MOHMMED #796578 OFF LOC. 01/21/26.
- ARAMCO CLERK FAHAD HUWAIYJI #816322 ON LOC. 01/21/26.
- ARAMCO FCT MOHAMMED ALMUKHAIMER #764534 ON LOC. 1/23/26.
- ARAMCO PDP NASER ALMARZOG #810270 OFF LOC. 01/21/26.
- ARAMCO PDP HAMZAH ABUSHULLAIH #794858 ON LOC. 01/14/26.

**** DWOP MEETING PERFORMED WITH DRILLING ENG, CONTRACTOR, FOREMANS AND SERVICE COMPANY ON 25TH, JAN 2026 ****
========== SERVICE EQPT ON LOCATION==========

========== ADC MAGEMENT/HSE LAST VISIT ==========
- AHMED AL-ALEWI - OPS MANAGER VISITED RIG ON 08/18/2025.
- JOHN HENDRICKS - HSE MANAGER VISITED RIG ON 01/20/2025
- NASSER AL-SHAHRANI - RIG MANAGER, VISITED RIG ON 01/20/2026.
- ABDULWAHAB ALJAMIAH - STAFF ENGINEER, VISITED RIG ON 11/05/2025.
==========HSE========== ========
PRESENTED 02 SAFETY VIDEOS OF HAND FREE TOOLS TO NEW CREW.
CONDUCTED "RIG INDUCTION SESSION" WITH NEW CREW ONBOARD.
PRESENTED & DISCUSSED ONE PAGER ALERT FINGER INJURY OF OUR RIG.
PRESENTED REENACTMENT PHOTOS OF INCIDENT TO CREW
HIGHLIGHTED USE OF HAND FREE TOOLS TO PREVENT FINGER INJURIES
HIGHLIGHTED STOP WORK AUTHORITY/EMPOWERMENT TO STOP.
HIGHLIGHTED LINE OF FIRE HAZARDS & HOW CAN BE PREVENTED.
DISCUSSED CURRENT OPERATION, RELATED HAZARDS & CONTROL MEASURES.

DRILLS:
========== RENTAL TOOLS & EQPT==========
- TAQA 12" SHOCK TOOL SN# ST5-1200-135.
========== VACUUM TANKER AND DUMP TRUCK ON LOCATION =======
NONE
==========ERP==========
- NON POPULATED AREA

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HRDH-2615 DEVELOPMENT DRILLING BI-60

01/18/2026 - 04/19/2026

==========NEXT WELL==========
NEXT LOCATION HRDH-2614 (100% READY AS PER WELLSITE ENGINEER)
==========RIG MOVE DATA==========
- DAILY / TOTAL LOADS MOVED: 0 / 217 LOADS.
- RIG MOVE DISTANCE: 31.5 KM SKID ROAD / 16.5 ASPHALT ROAD.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	3,804	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SUW	BR1	RIG	EMC	PW	RIG	ARM	ARM	HCM	WCR
Category	CTRG	RINS	RIG	DFMS	ISPCT	OTHR	OTHR	WSC	PCS	CSR
No. of Persons	13	2	37	1	4	47	4	2	3	3
Personnel on Loc. Hrs.	24	12	24	24	24	24	24	24	12	12
Operating Hours.	0	5	24	12	12	24	12	24	0	0

Total 116

TRUCKS/BOATS

Standby/Tankers	Others
F-052	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	553	170	0	2000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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HRDH-2494 DEVELOPMENT DRILLING BI-60

12/24/2025 - 03/15/2026

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ADC-49 @ HRDH-2494 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADC-49 Well HRDH-2494 Wellbores: (0) HRDH_2494_0	Charge #: (66-25058-2494) Wellbores: (0) HRDH_2494_0	Objective : (MK-1 S-SHAPE WELL TARGETING UNYZ-C RESERVOIR AS THE PRIMARY TARGET & UNYZ-A AS SECONDARY TARGET.)	Foreman(s) AZAOUNE, YACINE Engineer ALJAAFRI, MOHAMMED ABDULRAHMAN Manager ALWAN, MAYTHAM MERZA THURAYA 88-216-777 -13778 RIG FORMAN VSAT 013-576-25 51 CONTRACTOR /CLERK VSAT 013-829774 9/013-576- 3282

Last 24 hr operations	Next 24 hr plan
RIG MAINTENANCE (CAT-IV INSPECTION) & R/U AT HRDH-2494.	RIG MAINTENANCE (CAT-IV INSPECTION) & R/U AT HRDH-2494.

Location	Next Location
HRDH-2494	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	284	285

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	MAIN	RU	NA	RIG	0	0			----------RIG MAINTENANCE SCOPE OF WORK---------- - TOTAL MAINTENANCE DAYS: 28 DAYS// PLANNED: 30 DAYS - TOTAL DAYS SINCE RELEASE : 34 DAYS - CAT IV FOR MAST & SUBBASE - ONGOING AT INSPECTION YARD - CAT-III FOR MUD PUMP #01 #2 # 3-, DRAWWORKS, RTRY TABLE, TRAVELING BLOCK, DEAD LINE ACNHOR, ALL DONE. - REMAINING: IR AND EZ TQ. ----------GENERAL RIG UP---------- > SPOT TOP ODS TOP SUBBASE ON POSITION, TAKE MEASUREMENTS FOR FIELD WELDING UNDER NOV SUPERVISION > PERFORM FIELD WELDING ON 4 PAD EYES ON SUPPORT LEGS ODS UNDER NOV SUPERVISION > PERFORM MPI FOR THE PAD EYES, INSTALL ODS TOP BOX SECTION ON TOP OF BASE FOX AND SECURE SAME > CONTINUE WORKING ON PAINTING MUD SYSTEM AND INSPECTED HP LINES > INSTALL KELLY HOSES ON MAST > INSTALL DOG HOUSE PLATFORM, PLATFORMS AND SUPPORT BEAMS ON DS TOP BOX > CONTINUE INSPECTION OF DP > FINALIZE INSTALL MAST LADDER ON ALL SECTIONS OF MAST AND SECURE SAME > INSTALL DERRICK CLIMB DEVICE > DRESS MONKEY BOARD AND INSTALL HANDRAILS > PERFORM CAT III ON SHEEVES OF CB > INSTALL SUBBASE AND MAST GROUNDING LOOPS - R/D=100% || R/M= 100% || R/U= 52%

Foreman Remarks

HRDH-2494 IS A MK-1 S-SHAPE WELL TARGETING UNYZ-C RESERVOIR AS THE PRIMARY TARGET & UNYZ-A AS SECONDARY TARGET.
==========ARAMCO PERSONNEL==========
- ARAMCO CLERK VICTOR BRYAN ORMIDO #8292407 ON LOC. 01/06/2026
- ARAMCO NGGDD FCT AHMED A. ALSADEG #825136 ON LOCATION 01/14/2026
- ARAMCO MATERIAL EXPEDITOR NAWAF ALSAHFI #820752 OFF LOCATION 01/16/2026
- ARAMCO DOECD FCT YAZEED ALHARBI #832096 ON LOCATION ON 01/21/2026
==========SERVICE PERSONNEL==========
- RAWABI/EMEC MUD ENG. ON LOCATION 01/26/2026.

==========VACUUM TANKER ON LOCATION ==========

==========HSE / AUDITS==========
- CONDUCT DAILY PRE-TOUR SAFETY MEETINGS: DISCUSS RECENT ALERTS, LESSONS LEARNED, PTW, JSA & SWA, PPE, COMMUNICATION, PLANNING AHEAD & HOUSEKEEPING, CURRENT OPERATIONS AND FORWARD PLAN.
==========VISITS==========
- ADC OPERATION MANAGER ABDULLA ALAKRAWI BADGE# 104819 VISITED RIG 09/29/2025.
- ADC RIG MOVE MANAGER ABDULMOHSEN SALIK BADGE# 104838, VISITED RIG 09/29/2025.
- ADC QHSEM JOHN HENDRICKS BADGE# 113326, VISITED RIG 09/29/2025.
- ADC ASSISTANT RIG MANAGER ABDULWAHAB ALJAMIAH BADGE# 116977, VISITED RIG 12/24/2025 FOR LAOWERING MAST
==========NEW LOCATION==========
HRDH-2486.- READINESS: 90 %- MISSING- PLASTIC LINER FOR PITS

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	
BIT DATA	
DRILL STRING	

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HRDH-2494 DEVELOPMENT DRILLING BI-60

12/24/2025 - 03/15/2026

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	Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	ONSHORE	NORMAL	1,801	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	RO4	RIG	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	
No. of Persons	13	37	1	25	3	1	Total 80
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	12	24	12	13	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
aramco vehicle E988	adc pu truck	adc cruiser	rig ambulance

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	387	250	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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NEW RIG MOBILIZATION BI-MOB

12/16/2025 - 02/02/2026

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ADC-51 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-51
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (MOBILIZATION)

Foreman(s): ATTIA, AHMED ATTIA / ALSHAMMARI, FAISAL MAMDOUH
Engineer: ALBUAINAIN, SAUD MUBARAK
Manager: SHEHRI, ABDULLAH NAEM

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677712 775	578-4017	572-2885

Last 24 hr operations
RIG MOBILIZATION FROM ADC YARD TO UTMN-2400.

Next 24 hr plan
RIG MOBILIZATION FROM ADC YARD TO UTMN-2400.

Location
UTMN-2400

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RU	NA	RIG					RIG MOBILIZATION FROM ADC YARD TO UTMN-2400. >> DAILY LOADS MOVED: 0 LOADS. >> TOTAL LOADS MOVED: 251 LOADS. ACTIVITIES: - CONTINUE FIXING LEAKS FOR MAN RIDERS & AIR WINCH LINES. - HYDRAULIC MANIFOLD RIG FLOOR CONNECTED. - ARRANGED 2 ROTARY HOSES AND DYNAMIC SERVICE LOOP. - TROUBLESHOOTING DRAWWORKS, ON GOING. - COMPLETED INSTALLATION OF RIG FLOOR PLATES. - INSTALLATION OF FIRE HOSE REEL STATIONS, ON GOING. - PLACEMENT OF FIRE EXTINGUISHERS AT RIG SITE, ON GOING. - RIG UP HYDRAULIC HPU FOR TDS, ON GOING. - MAINTENANCE ON MUD PUMPS MODULES & LINERS, ON GOING. - CONTINUE WORKING ON ENVIRONMENTAL OPEN ACTION ITEMS. - CONTINUE PAINTING TASK ON RIG SITE. - LIFTING GEAR INSPECTION, ON GOING. - GAS DETECTION SYSTEM INSTALLATIONS AT CAMP SITE 95 %, SECURITY AREA 100%, MINI CAMP 90%, RIG SITE GDS 92%, CASCADE SYSTEM 83%. > RIG MOBILIZATION/MOVE: 95% > RIG UP : 57% >> RIG START MOBILIZATION ON 12/16/25. --> 42 DAYS. >> DISTANCE F/ADC YARD T/UTMN-2400: 173 KM. >> EXPECTED SPUD WELL ON FEBRUARY/15/2026.

Foreman Remarks

UTMN-2400 IS PLANNED TO BE DRILLED AS MK-1 WITH TARGET DEPTH 13,893 FT MD / 12,861 FT TVD (200 FT MD INTO KFDA) AT +/- 60 DEG INCLINATION. THE WELL WILL BE COMPLETED WITH 4.5" CEMENTED LINER.

==========ARAMCO PERSONNEL==========
- NGGDD HSE ADVISOR GEORGE SALIL #7083038 ON LOCATION TO PREPARE FOR REACTIVATION HSE SUPPORT.
- NGGDD SR FCT HASSAN QAHTANI #288323 ON LOCATION SINCE 1/21/2026.
- NGGDD MATERIAL EXP. ABDULLAH ALMOSLIM #825139 ON LOCATION SINCE 1/22/2026.
- NGGDD FCT MOHAMMED ALSADUN # 764539 ON LOCATION SINCE 1/22/2026.
- NGGDD FCT HAMZA ALMULLA #827330 ON LOCATION SINCE 01/24/26.

==========SERVICE PERSONNEL==========
- RAWABI MUD ENGINEER ON LOCATION SINCE 01/24/2026.

==========SAFETY==========

==========RIG SHORTAGE==========

==========RIG VISIT==========

==========RENTAL TOOLS==========

==========VACUUM TANKERS==========

==========NEXT LOCATION==========

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

12/16/2025 - 02/02/2026

==========WATER WELL==========
THE ASSIGNED WATER WELLS ARE UTMN-3534 (SHARED W SCTD-2) / 3568 GOING TO SUPPORT UTMN-2400.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	691	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SCC	RIG	RIG	ARM	ARM	
Category	CTRG	RIG	OTHR	OTHR	WSC	
No. of Persons	13	46	47	4	2	Total 112
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	24	24	24	24	

TRUCKS/BOATS

Standby/Tankers
H-729

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
BROADBAND REQUEST PENDING. LEO REQUEST REJECTED TILL IT PROVIDES.		

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LIMITED MORNING REPORT

HRDH-598 DEVELOPMENT DRILLING BI-60

11/17/2025 - 02/10/2026

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ADC-53L @ HRDH-598 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-53L
Well: HRDH-598
Wellbores: (0) HRDH_598_0

Charge #: (66-25058-0598)
Wellbores: (0) HRDH_598_0

Objective : (HORIZONTAL SINGLE LATERAL PRODUCER ARBD ZONE-2A)

Foreman(s): GADALLA, MOSTAFA ELSAYED
Engineer: ZAKI, MOHAMMED JAFER
Manager: ALSAFI, YOUSEF MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12565	0135784179	0138137823

CONTRACTOR /CLERK VSA T: 0135784039

Last 24 hr operations
CHC, POOH WITH 6-1/8" RSS BHA TO SURFACE. LD DIR BHA, M/U & RIH W/ THRU BIT LOGGING BHA.

Next 24 hr plan
RIH W/ THRU BIT LOGGING BHA TO BTM, M/U SES, W/L RIH W/IMAGE,CALIPER TOOL THRU BIT, RECORD & LOG UP OPEN HOLE & POOH TO SURFACE.

Location
253 KM FROM DMG, HARADH MAIN HIGHWAY 6 KM BEFORE HARADH INTERSECTION TURN RIGHT, FOLLOW SIGN BOARD

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,900	9 5/8	4088	4088	7	1,441	6,748	6,149

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10900	30.7 (12/28/2025@1200)	0	0	254	253

Formation Tops

Formations	Top Depth	Comments
RUS	192	AS PER PROGRAM
WSIA	215	AS PER PROGRAM
UMER	352	AS PER PROGRAM
UERA	501	AS PER PROGRAM
ARUM	1,020	14 FT DEEPER (AS PER RCC)
LAMS	1,290	144 FT DEEPER (AS PER RCC)
AHMD	1,770	131 FT DEEPER (AS PER RCC)
SFNY	2,105	159 FT DEEPER (AS PER RCC)
SHUB	2,870	41 FT DEEPER (AS PER RCC)
BYDH	3,090	74 FT DEEPER (AS PER RCC)
MDTM	4,040	5 FT DEEPER (AS PER RCC)
SULY	4,575	21 FT SHALLOW
HITH	5,220	10 FT SHALLOWER
ABAR	5,763	20 FT DEEPER
ARBB	5,846	63 FT SHALLOW
ABBR	5,932	23 FT DEEPER
ARBC	5,977	33 FT DEEPER
ABCR	6,097	140 FT DEEPER
ARBD	6,363	6043 FT TVD (16' SHALLOWER)
PADS	6,649	6132 FT TVD (26' SHALLOWER)
BPDS	6,671	6136 FT TVD (26' SHALLOWER)
AD2A	7,185	6176 TVD (13' SHALLOWER)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	6 1/8	N	DRLG	CIRC	MPMP	RIG	10900	10900			SWEEP HOLE WITH 3 X 50 BBLS HI-VIS/HI-WEGHT PILLS & CHC WITH 0% RETURN.. - PUMP STRING VOLUME AND ANNULAR VOLUME W/ 70 PCF MUD BEFORE POOH.
0600 - 0615	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			FLOW CHECK, WELL UNDER TOTAL LOSSES.-- KEEP 30 RPM ON STRING. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
0615 - 0645	0.5	0	6 1/8	N	DRLG	PJSM	NA	RIG	10900	10900			HOLD STAND DOWN MEETING WITH CREW DISCUSSED ABOUT OPERATION HAZARDS, STOP WORK AUTHORITY & SAFETY CULTURE IMPROVEMENT. - DISCUSS LAST SAFETY ALERTS AS PER FOREMAN REMARKS SECTION.
0645 - 0730	0.75	0	6 1/8	N	DRLG	TO	STDP	RIG	10900	10900	10900	10370	POOH 5 STDS WITH 6-1/8" DIR BHA ON 4" ELEVATOR FREELY THRU OPEN HOLE F/ 10,900' TO 10,370' (5 STDS OFF BTM). - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
0730 - 0745	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			FLOW CHECK, WELL UNDER TOTAL LOSSES.-- KEEP 30 RPM ON STRING. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
0745 - 1230	4.75	0	6 1/8	N	DRLG	TO	STDP	RIG	10900	10900	10425	6748	CON'T POOH WITH 6-1/8" DIR BHA ON 4" ELEVATOR FREELY THRU OPEN HOLE F/ 10,425' TO 6,748'.- HOLE IN GOOD CONDITION. - CONTINUOUSLY PUMPING 1 BPM 70 PCF MUD CAP FROM BACK SIDE.
1230 - 1245	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			FLOW CHECK, WELL UNDER TOTAL LOSSES.- - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1245 - 1300	0.25	0	6 1/8	N	DRLG	TO	STHDP	RIG	10900	10900	6748	4490	POOH WITH 6-1/8" DIR BHA ON 4" DP THRU CASED HOLE F/ 6,748' TO KOP @ 4,490'. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1300 - 1315	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			FLOW CHECK, WELL UNDER TOTAL LOSSES.- - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1315 - 1330	0.25	0	6 1/8	N	DRLG	SDR1	NA	RIG	10900	10900			PERFORMED TRIP DRILL, DISCUSSED AREA OF IMPROVEMENT WITH CREW, OVERALL GOOD RESPONSE. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.

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LIMITED MORNING REPORT

HRDH-598 DEVELOPMENT DRILLING BI-60

11/17/2025 - 02/10/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
1330 - 1600	2.5	0	6 1/8	N	DRLG	TO	STDP	RIG	10900	10900	4490	1167	POOH WITH 6-1/8" DIR BHA ON 4" DP THRU CASED HOLE F/4,490' TO 1,167' (5 STDS BEFORE TOP OF BHA). - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1600 - 1615	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			FLOW CHECK, WELL UNDER TOTAL LOSSES.-- KEEP 30 RPM ON STRING. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1615 - 1630	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			POOH WITH 6-1/8" DIR BHA ON 4" DP THRU CASED HOLE F/1167' TO 697' (TOP OF BHA). - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1630 - 1645	0.25	0	6 1/8	N	DRLG	OTH	NA	RIG	10900	10900			FLOW CHECK, WELL UNDER TOTAL LOSSES.- - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1645 - 1715	0.5	0	6 1/8	N	DRLG	SDR1	NA	RIG	10900	10900			PERFORMED H2S DRILL DISCUSSED AREA OF IMPROVEMENT WITH CREW, OVERALL GOOD RESPONSE. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
1715 - 2200	4.75	0	6 1/8	N	DRLG	HT	BHA	BHI	10900	10900			HPJSM, CLEAR RIG FLOOR FROM ALL NON-ESSENTIAL PERSONNEL, REVIEW PTW, JSA AND RETRIEVE RA SOURCE. - L/D 6-1/8" DIR MRSS BHA, R/B 4-3/4" JAR, L/D 6-1/8" DLR, 4-3/4" PBL. - BIT DULL: 1-1-WT-A-X-I-NO-TD. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
2200 - 2230	0.5	0	6 1/8	N	DRLG	RR	TDS	RIG	10900	10900			SERVICE & LUBRICATE TDS. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
2230 - 2300	0.5	0	6 1/8	N	DRLG	SDR1	NA	RIG	10900	10900			HOLD STAND DOWN MEETING WITH CREW DISCUSSED ABOUT OPERATION HAZARDS, STOP WORK AUTHORITY & SAFETY CULTURE IMPROVEMENT. - DISCUSS LAST SAFETY ALERTS AS PER FOREMAN REMARKS SECTION.
2300 - 0145	2.75	0	EOW	E	LOG	HT	WLT	SWL	10900	10900			HPJSM, P/U, M/U & RIH W/ SLB 6-1/8" THRUBIT LOGGING ASSY TO 119 FT - SLB 6-1/8" HOLLOW PDC BIT (SN: JV3746), SLB BIT SUB, SLB FLOAT SUB, SLB XO, 6-1/8" CONCENTRIC DLR, 1X 4" HWDP, 6-1/8" CONCENTRIC DLR, 1X 4" HWDP, 6-1/8" ECCENTRIC DLR, 1X 4" HWDP. - DRIFT ALL ASSEMBLIES W/ 2.438" DRIFT. - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.
0145 - 0459	3.25	0	EOW	E	LOG	TI	STDP	RIG	10900	10900	0	4600	RIH W/ SLB 6-1/8" THRUBIT ASSY ON DRIFTED 4" DP AND 4" HWDP TO 4,600 FT. - DRIFT ALL ASSEMBLIES & PIPE W/ 2.438" DRIFT. - FREELY PASS 7" TOL @ 1,441 FT - CONTINUOUSLY PUMPING 2 BPM 70 PCF MUD CAP FROM BACK SIDE.

Foreman Remarks

WELL HRDH-598, WHICH WILL BE DRILLED AS A SINGLE LATERAL PRODUCER (PHZ) TARGETING ARBD RESERVOIR ZONE-2A OIL-PRODUCER IN HRDH WHICH IS LOCATED 0.206 KM S34W OF HRDH-6 AND 0.244 KM S65W OF HRDH-848. THE WELL WILL BE COMPLETED WITH LOWER COMPLETION AND BAKER UPPER COMPLETION WITHOUT PDHMS.
- ARAB-D GOR: 470 SCF/BBL. H2S: 0.75 MOL%. RER 1/2 LFL: 160 M. RER 100 PPM: 192 M. RER 30 PPM: 338 M.
- RELIEF WELL: HRDH-451.
==========WELL DESIGN==========
- DRILL 28" HOLE SECTION X 24" PLANNED CP @ 516 FT (15 FT TVD INTO UER WL). ACTUAL CP @ 516 FT (15' TVD INTO UER WL).
- DRILL 17" HOLE SECTION X 13-3/8" PLANNED CP @ 1,689 FT (50 FT TVD INTO AHMADI). ACTUAL CP @ 1820 FT (50' TVD INTO AHMADI)
- DRILL 12-1/4" HOLE SECTION X 9-5/8" PLANNED CP @ 4,085 FT (50 FT TVD INTO MDTM). ACTUAL CP @ 4,090 FT (50' TVD INTO MDTM).
- DRILL 8-1/2" HOLES SECTION X 7" PLANNED LP @ 6,792 FT MD/6,177 FT TVD (2 FT TVD ABOVE ABD1). ACTUAL LP @ 6,751 FT MD/6,149 FT TVD (2 FT TVD ABOVE ABD1).
- DRILL 6-1/8" HZ SECTION TO PLANNED TD @ 10,934 FT MD/6,203 FT TVD (TD, ARBD ZONE-2A). ACTUAL TD @ 10,900 FT, 6,208 FT TVD. TVD.
==========SAFETY==========
- SAFETY DRILL: TRIP DRILL. AND H2S DRILL.
- DICUSS HSE ALERTS: HSE ALERT 09-26 (TRUCK ROLLOVER).
- SLS: NONE.
==========ARAMCO PERSONNEL ON LOCATION==========
-
==========SERVICE COMP=== ==========
- MUJAHIDEEN ON LOCATION.
==========REMARKS==========
- ARAMCO VEHICLE F-055 (RADIO & SOS INSTALLED ON 11/05/2024).
========== LSTK OR CONTRACTOR PERSONNEL ON LOCATION ==========
- BAKER DSV: ASHRAF / ABDULRAHMAN.
- BKR HSE: MOUTAZ.
==========NEXT WELL==========
- HRDH-526 (100 % AS PER WS 12/30/2025).
- HRDH-533 (100 % AS PER WS 12/30/2025).
- HRDH-893 (20 %, IN PROGRESS ETC FEB-1ST-2025)
==========BHI AND ADC MANAGEMENT VISITS==========
-

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	6	0 Volts	7.41	9.3	10,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	86	22	0	6 / 8	WTRGEL	0

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HRDH-598 DEVELOPMENT DRILLING BI-60

11/17/2025 - 02/10/2026

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Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total	
63	0	14	8	6 / 7	0	280	0	
Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM	
70 PCF	0	0API	0	0 Volts	0.95	9	118,000	
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt	
0	0HTHP	93	15	0	5 / 6	WTRGEL	0	
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total	
42	0	10	7	4 / 5	0	280	0	

MUD TREATMENT

SODASH	MRBL-F	NACL	XANPLEX-D
6 (25KG)	24 (2200L)	128 (2200L)	19 (25KG)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
6RR	6,751	10,900	DP Av	DC Av	Bit HHP	8	100	M233	6.125	HTC
Pressure	GPM	Jet Vel	284.79	N/A	52	I-Row	O-Row	DC	Location	Bearings
1,450	250	207				1	1	WT	A	X
Serial Numi	Type	Jets	TFA							
7918839	DD406VX	3 x 13 /	0.389							
Gauge	Other	POOH Reas								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	153	153	115	7	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/19/2026	N/A	CLEAR	N/A	SEASONAL	2,745	TWICE A DAY

PERSONNEL AND SERVICES INFORMATION

Company	RZT	BHI	RIG	BDF	MJH	TK2	RIG	TK2	ARM
Category	CTRG	DPDS	RIG	DFMS	SEC	OTHR	OTHR	WSC	WSC
No. of Persons	15	3	38	1	8	1	18	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	16	24	24	24	12	12	24	24

Total
87

TRUCKS/BOATS

Standby/Tankers
f055

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	263	N/A	N/A	2100

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-1548 DEVELOPMENT DRILLING BI-60

12/20/2025 - 02/01/2026

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ADC-54L @ HRDH-1548 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-54L
Well: HRDH-1548
Wellbores: (0) HRDH_1548_0

Charge #: (66-23058-1548)
Wellbores: (0) HRDH_1548_0

Objective : (SINGLE LATERAL OIL-PRODUCER IN HRDH)

Foreman(s): ALBEBARY, ASHRAF IBRAHIM MOHAMED AB / ALSHAMRANI, KHALID SALEM
Engineer: CHOMATAS, APOSTOLOS / ALJAAFARI, REEM ZIAD
Manager: ALSAFI, YOUSEF MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2645	013-572-30 76	013-813-78 10

CONTRACTOR /CLERK VSA T: 013-572-48 26

Last 24 hr operations
MRSS DRILL 8-1/2" HS TO LP @ 7715' MD/ 6928' TVD (AS PER GOC). CHC, PERFORM WIPER TRIP, CHC.

Next 24 hr plan
CHC, SPOT LNR GO PILL, POOH & L/D 8-1/2" MRSS BHA. RETRIEVE WB, R/U 7" TRS EQUIPMENT, RIH W/ 7" LINER TO BTM, SET 7" LINER HANGER, PERFORM 7" LINER CMT JOB.

Location
278KM F/DHAHRAN MAIN GATE. 17KM FROM HARADH BRIDGE ON HIGHWAY FROM AL-HASSA TO AL-KHINN TURN RIGHT.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,733	9 5/8	4614	4614				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7679	22.6 (01/05/2026@1500)	100	54	279	278

Formation Tops

Formations	Top Depth	Comments
BYDH	3,720	47' DEEPER
MDTM	4,830	15' DEEPER
SULY	5,406	5404' TVD (7' TVD DEEPER)
HITH	6,051	6016' TVD (11' TVD DEEPER)
ABAR	6,568	6441' TVD (9' TVD DEEPER)
ARBB	6,620	6481' TVD (22' TVD DEEPER)
ABBR	6,745	6599' TVD (16' TVD DEEPER)
ARBC	6,789	6789' TVD (20' TVD DEEPER)
ABCR	6,936	6688' TVD (19' TVD DEEPER)
ARBD	7,280	6839' TVD (18' TVD DEEPER)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0500 - 0600	1	0	8 1/2	N	DRLG	DMR	MRSS	BHI	7679	7715			MRSS DRILL 8-1/2" HOLE SECTION FROM 7,679 FT TO 7715' MD WITH 94 PCF WBM MUD & 100% RETURN.
0600 - 0645	0.75	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	7715	7715			CIRCULATE HOLE MEANWHILE CONFIRM LANDING POINT WITH GOC.
0645 - 0700	0.25	0	8 1/2	N	DRLG	SDR1	NA	RIG	7715	7715			PERFORM PIT DRILL.
0700 - 0745	0.75	0	8 1/2	N	DRLG	DMR	MRSS	BHI	7715	7733			MRSS DRILL 8-1/2" HOLE SECTION FROM 7,715 FT TO LINER PONT AT 7733' MD - 6930' TVD (CONFIRMED BY GOC) WITH 94 PCF WBM MUD & 100% RETURN. DRILLING PARAMETERS: WOB: 25-40 KLB, SURFACE RPM: 80, TRQ OFF BTM/ON BTM: 5/12 KFTLBS, FR: 550 GPM, PRESSURE OFF BTM/ON BTM: 2,550 / 2,800 PSI. - FOLLOW PLAN HRDH-1548_0-REV D.0 AND GOC INSTRUCTIONS. - WASH UP AND REAM DOWN FULL STAND. - SWEEP HOLE WITH 20/30 BBL LV/HW PILL. - PROJECTION TO BIT: 7733' MD, INC 84 DEG, AZM: 79 DEG, TVD: 6930'. - WELL PATH POSITION: 8 FT ABOVE, 0.3' RIGHT.
0745 - 1030	2.75	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	7733	7733			SWEEP HOLE WITH 3 X 20/30 BBLS LOW VIS / HWTP, CIRCULATE HOLE 3 COMPLETE CYCLES TILL SHAKER CLEAN. FLOW RATE: 550 GPM, PRESSURE: 2600 PSI MEANWHILE RECIPROCATE AND ROTATE STRING WITH 80 RPM.
1030 - 1045	0.25	0	8 1/2	N	DRLG	OTH	NA	RIG	7733	7733			FLOW CHECK - WELL STATIC.
1045 - 1115	0.5	0	8 1/2	N	DRLG	TO	STDP	RIG	7733	7733	7733	7240	WIPER TRIP: POOH WITH 8-1/2" MRSS BHA FROM 7715 FT TO 7240 FT. - TRIP OUT ON ELEVATOR, HOLE IN GOOD CONDITION. - MONITOR WELL WITH TRIP TANK & TRIP SHEET.
1115 - 1130	0.25	0	8 1/2	N	DRLG	OTH	NA	RIG	7733	7733			FLOW CHECK - WELL STATIC.
1130 - 1200	0.5	0	8 1/2	N	DRLG	PJSM	NA	RIG	7733	7733			HOLD STAND DOWN MEETING WITH CREW DISCUSSED ABOUT OPERATION HAZARDS, STOP WORK AUTHORITY & SAFETY CULTURE IMPROVEMENT. - DISCUSS LAST SAFETY ALERTS AS PER FOREMAN REMARKS SECTION.
1200 - 1330	1.5	0	8 1/2	N	DRLG	TO	STDP	RIG	7733	7733	7240	5844	WIPER TRIP: POOH WITH 8-1/2" MRSS BHA ON ELEVATOR FROM 7240 FT TO 5844 FT. - MONITOR WELL WITH TRIP TANK & TRIP SHEET.
1330 - 1815	4.75	0	8 1/2	N	DRLG	RW	BIT	RIG	7733	7733	5844	5283	WASH AND REAM TIGHT INTERVAL FROM 5844' TO 5283' WITH 94 PCF WBM, 100% CIRC. - REAMING PARAMETERS: 550 GPM, 2160 PSI, 40 RPM, 3-11 KLB.FT - CLEAR TIGHT SPOTS EACH STAND. - RIH AND PULL BACK EACH STAND ON ELEVATOR.
1815 - 1830	0.25	0	8 1/2	N	DRLG	TO	STDP	RIG	7733	7733	5283	5156	WIPER TRIP: POOH WITH 8-1/2" MRSS BHA ON ELEVATOR FROM 5283 FT TO 5156 FT. - HOLE SLICK.

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LIMITED MORNING REPORT

HRDH-1548 DEVELOPMENT DRILLING BI-60

12/20/2025 - 02/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- MONITOR WELL WITH TRIP TANK & TRIP SHEET.
1830 - 1845	0.25	0	8 1/2	N	DRLG	OTH	NA	RIG	7733	7733			FLOW CHECK AT KOP - WELL STATIC.
1845 - 1930	0.75	0	8 1/2	N	DRLG	TO	STDP	RIG	7733	7733	5156	4614	WIPER TRIP: CONTINUE POOH WITH 8-1/2" MRSS BHA ON ELEVATOR FROM 5156 FT TO 9 5/8" CSG SHOE AT 4614 FT. - MONITOR WELL WITH TRIP TANK & TRIP SHEET.
1930 - 1945	0.25	0	8 1/2	N	DRLG	SDR1	NA	RIG	7733	7733			PERFORM TRIP DRILL.
1945 - 2015	0.5	0	8 1/2	N	DRLG	OTH	NA	RIG	7733	7733			PERFORM EXTENDED FLOW CHECK - WELL STATIC.
2015 - 2045	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	7733	7733			SERVICE TDS.
2045 - 2330	2.75	0	8 1/2	N	DRLG	RR	DWKS	RIG	7733	7733			SLIP AND CUT DRILLING LINE.
2330 - 0030	1	0	8 1/2	N	DRLG	PJSM	NA	RIG	7733	7733			HOLD STAND DOWN MEETING WITH CREW DISCUSSED ABOUT OPERATION HAZARDS, STOP WORK AUTHORITY & SAFETY CULTURE IMPROVEMENT. - DISCUSS LAST SAFETY ALERTS AS PER FOREMAN REMARKS SECTION.
0030 - 0300	2.5	0	8 1/2	N	DRLG	TI	STDP	RIG	7733	7733	4614	7733	WIPER TRIP: RIH WITH 8-1/2" MRSS BHA ON ELEVATOR FROM 4614 FT TO BTM AT 7,733 FT. - HOLE IN GOOD CONDITION. - MONITOR WELL WITH TRIP TANK AND TRIP SHEET - OK. - WASH DOWN LAST STAND.
0300 - 0459	2	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	7733	7733			SWEEP HOLE WITH 3 X 15/20 BBLS LOW VIS / HWTP, CIRC 3 COMPLETE CYCLES TILL SHAKER CLEAN..... ONGOING @ RT.

Foreman Remarks

HRDH-1548 WILL BE DRILLED AS SINGLE LATERAL PRODUCER (PHZ) TARGETING ARBD. THE WELL WILL BE COMPLETED WITH BAKER LOWER AND UPPER COMPLETIONS WITH PDHMS.
==========WELL DESIGN ==========
- 28" HOLE, 24" CSG PROPOSAL @ 385' MD/TVD. ACTUAL @ 375' MD/TVD (50' TVD INTO RUS).
- 17" HOLE, 13-3/8" CSG PROPOSAL @ 2,379' MD/TVD. ACTUAL @ 2404' (54' TVD INTO AHMADI).
- 12-1/4" HOLE, 9-5/8" CSG PROPOSAL @ 4,865' MD/TVD. ACTUAL 12 1/4" HOLE @ 4880' (50' TVD INTO MDTM). 9 5/8" ACTUAL SHOE @ 4614' (266' OFF BTM, 894' INSIDE BYDH FM).
- 8-1/2" HOLE, 7" LINER CSG PROPOSAL @ 7,599' MD/6,920' TVD. ACTUAL @ XXXX' MD/XXXX' TVD (2' TVD ABOVE ABD1).
- PLANNED TD 10,882' MD/6,973' TVD. ACTUAL @ XXXXX' MD / XXXX' TVD.
========== SAFETY ==========
- CONDUCT DAILY SAFETY & PRE-TOUR MEETINGS.
- HPJSM, WITH ALL RIG CREW & DISCUSSED ABOUT RIG UP OPERATION, CRITICAL LIFT PLAN, PTW & JSA.
- DISCUSSED THE BELOW HSE ALERTS:
#8-26: ROUSTABOUT ANKLE TWISTED.
#9-26: DUMP TRUCK ROLLOVER WHILE UNLOADING.
#10-26: CAMP FIRE DUE TO UNAPPROVED RECHARGE USB CABLE.

==========ARAMCO PERSONNEL ON LOCATION ==========
- FCT YAZAN ALMALKI #791096 ON LOCATION SINCE 01/19/2026.
- MATERIAL EXPEDITOR SALMAN ALZAHRAH #8609119 ON LOCATION SINCE 01/19/2026.
- PDP FARES A ALTHOBAITE #836602 ON LOCATION SINCE 01/23/2026.
- HSE ADVISOR AHMED YOUNIS #8102408 ON LOCATION SINCE 01/26/2026.
==========LSTK PERSONNEL ON LOCATION==========
- BAKER DSV: YOUSSEF / HAMDY
- BAKER HSE: HAMZA.
========== RIG VISIT ==========
- NONE

==========SERVICE COMPANY, RENTAL TOOLS & OTHERS========== -
- 2 X VACUUM TANKERS ON LOCATION.
==========DRILLING MUD RECYCLING==========
- NONE.
==========NEXT LOCATION==========
- NEXT WELL: HRDH-1555.
- WATER WELL ASSIGNED: HRDH-842
- APPROVED DP: N/A.
- APPROVED ERP: N/A.
- LOCATION READINESS: 80%.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	0	4.8API	5	0 Volts	4.84	9	115,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	74	29	0	10 / 11	NCPOL	2.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
49	1	25	21	9 / 10	0	400	15

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	0	4.8API	5	0 Volts	4.84	10	115,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

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12/20/2025 - 02/01/2026

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110	0HTHP	74	30	0	10 / 11	NCPOL	2.6
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
50	1	25	21	9 / 10	0	400	15

MUD TREATMENT

CAUST	BARITE	DRIL-STARCH	SODASH	DUOVIS-NS
6 (55LB)	10 (1500K)	36 (55LB)	28 (55LB)	2 (55LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5RR	4,880	7,733	DP Av	DC Av	Bit HHP	35	80	M223	8.5	HTC
Pressure	GPM	Jet Vel	285.3	N/A	137	I-Row	O-Row	DC	Location	Bearings
2,800	550	195				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
7916555	DD505VX	7 x 13 /	0.907							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	200	220	185	200		10
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
19	Drillpipe	RIG	5	0	5	4.276	0	633.15	NC50	NC50	19.5	26,044.656	G105	PREM	
18	Heavy Weight Drillpipe (HWDP)	RIG	5	8	5	3	246.11	633.15	NC50	NC50	50.14	26,044.656		CONV	
17	Hydro-Mechanical Jar	NPC	6.5	1	6.5	2.75	27.28	387.04	NC50	NC50	0	13,704.701			HJDA-650-0037
16	Heavy Weight Drillpipe (HWDP)	RIG	5	3	5	3	92.12	359.76	NC50	NC50	50.14	13,704.701		CONV	
15	Dogleg Reamer	NPD	6.75	1	6.75	2.625	6.58	267.64	NC50	NC50	0	9,085.804			S2M4492
14	Heavy Weight Drillpipe (HWDP)	RIG	5	3	5	3	91.59	261.06	NC50	NC50	50.14	9,085.804		CONV	
13	PBL (Multiple Activation By Pass)	BWC	6.75	1	6.75	2.813	8	169.47	NC50	NC50	0	4,493.481			WES6755BP222
12	FIlter Sub	BHI	6.75	1	6.75	3	5.62	161.47	NC50	NC50	0	4,493.481			14697691
11	Float Sub	BHI	6.75	1	6.75	2.875	3.44	155.85	NC50	NC50	0	4,493.481			14283217
10	Non Magnetic Drill Collar (NMDC)	BHI	4.875	1	4.875	2.25	29.38	152.41	NC38	NC38	0	4,493.481		SPRL	SDT10116
9	Compressive Drill Pipe	BHI	6.75	1	5	3.25	31.09	123.03	NC50	NC50	52.6	4,493.481			SBMC4990
8	Stop Sub	BHI	6.75	1	6.75	2.5	1.36	91.94	NC50	6 3/4 T2	0	2,858.147			15898660
7	Logging While Drilling (LWD)	BHI	6.75	1	6.75		22.04	90.58			129.68	2,858.147			16224469
6	Modular Stabilizer	BHI	6.75	1	6.75	2.25	3.2	68.54	6 3/4 T2	6 3/4 T2	0	0			112730943
5	BCPM. Bi-directional Communication and Power Module	BHI	6.75	1	6.75	2.875	16.17	65.34	4 1/2 T2	4 1/2 T2	0	0			13162529
4	Modular Stabilizer	BHI	6.75	1	6.75	2.25	3.9	49.17	6 3/4 T2	6 3/4 T2	0	0			15866958
3	Mud Motor	BHI	6.75	1	6.75	5.429	33.97	45.27	6 3/4 T2	6 3/4 T2	0	0			14310544
2	RSS	BHI	6.75	1	6.75	1.575	10.44	11.3	6 3/4 T2	4 1/2 REG	0	0			14976271
1	Bit	HTC	8.5	1	8.5		0.86	0.86	4 1/2 REG			0			7916555

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	01/20/2026	NORMAL	N/A	SEASONAL	2,412	RIG MOVE PJSM

PERSONNEL AND SERVICES INFORMATION

Company	TK1	SUW	RIG	BDF	MJH	TK2	RIG	ARM	TK2	ARM
Category	OTHR	CTRG	RIG	DFMS	SEC	OTHR	OTHR	OTHR	WSC	WSC
No. of Persons	12	15	38	1	6	4	18	4	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	12	0	24	12	24	12	12	12	24	24

Total
102

TRUCKS/BOATS

Standby/Tankers	Others
ARAMCO VEHICLE (B-885)	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	337	N/A	N/A	1750

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

HWYH-1391 DEVELOPMENT DRILLING BI-60

01/13/2026 - 03/24/2026

أرامكو السعودية
saudi aramco

ADC-55L @ HWYH-1391 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-55L
Well: HWYH-1391
Wellbores: (0) HWYH_1391_0

Charge #: (66-25053-1391)
Wellbores: (0) HWYH_1391_0

Objective : (THE WELL IS PLANNED TO BE DRILLED AS MK1 DESIGN WITH A VERTICAL PROFILE TO KFDA TARGETING KHUFF-C.)

Foreman(s): SOUM, YACINE
Engineer: ALHAJJAJ, FERAS MONEEF
Manager: HAJRI, HEZAM HAIYEN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12648	013-577-39 88 ARAMCO	013-664-88 14 IDS
OTHER VSAT	OTHER VSAT	CONTRACTOR /CLERK VSA T
013-829-76 55 CLINIC	013-875-69 83 ADC	013-577-39 07 CLERK

Last 24 hr operations
CONT WIPER TRIP..RIH BACK TO BTM. CIRC. SPOT CSG GO PILL. POOH TO SURFACE. L/D BHA. CUT 24" CSG. RUN & CMT 18-5/8" CSG.

Next 24 hr plan
CHC. PERFORMED 18-5/8" CMT JOB. LANDED CSG AT BOTTOM. PERFORMED TOP JOBS. FINAL CUT 24" CSG & 18 5/8" CSG. WELDED & P/T CHH. N/U 26-3/4" BOP & P/T SAME.

Location	Next Location
HWYH-1391	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
2,075	24	690	690				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2075	5.2 (01/23/2026@0130)	0	0	199	198

Formation Tops

Formations	Top Depth	Comments
RUS	650	54' DEEPER
UMER	780	42' DEEPER
ARUM	1,400	441' DEEPER
LAMS	1,735	262' DEEPER
AHMD	2,025	15' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	22	N	DRLG	TO	STDP	RIG	2075	2075	1385	1050	WIPER TRIP, CONT POOH ON ELEVATOR F/ 1385' TO 1,050' (100 FT ABOVE 1ST LCZ). - HOLE IN GOOD CONDITION. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
0600 - 0800	2	0	22	N	DRLG	TI	STDP	RIG	2075	2075	1050	2075	WIPER TRIP- RIH F/ 1050' TO BTM AT 2075'. - HOLE IN GOOD CONDITION. - REAM DOWN LAST STD TO BTM, WORK STRING ON THE TRANSITION ZONE LAMS-AHMD F/ 1950' - 2050' (CONFIRMED FREE PASS). - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
0800 - 0900	1	0	22	N	DRLG	CIRC	MPMP	RIG	2075	2075			SWEPT HOLE WITH 2 X 250 BBLS HI-VIS PILL & CIRCULATED HOLE CLEAN. - RECIPROCATED STRING, 50 RPM, TRQ 1-3K FT-LB, FR: 950 GPM, SPP: 670 PSI. - CIRC WITH PHPA POLYMER MOF. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
0900 - 0930	0.5	0	22	N	DRLG	CIRC	MPMP	RIG	2075	2075			SPOT 300 BBLS OF 95 PCF INHIBITED HI-VIS CSG GO PILL ON BTM TO COVER UP TO LCZ. - DROP TOTCO SURVEY.
0930 - 1030	1	0	22	N	DRLG	CIRC	MPMP	RIG	2075	2075			SPOT REMAIN OF 95 PCF INHIBITED HI-VIS CSG GO PILL WHILE PUMP OUT FIRST 4 STD'S F/ 2075' TO 1650'. - FR: 470 GPM, SPP: 100 PSI. - TOTAL SPOT 500 BBLS. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
1030 - 1200	1.5	0	22	N	DRLG	TO	STDP	RIG	2075	2075	1600	690	POOH W/ 22" DRLG ASSY ON ELEVATOR IN OH F/ 1600' TO 24" CSG SHOE @ 690'. - HOLE IN GOOD CONDITION. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
1200 - 1700	5	0	22	N	DRLG	TO	BHA	RIG	2075	2075	690	0	POOH W/ 22" PERFORMANCE DRLG BHA F/ 690' TO SURFACE. - HPJSM, R/B; 2 X 5-1/2" HWDP STDS, 1 X 8-1/2" DC STD, 5 X 9- 1/2" DC STDS. - L/D; 9-1/2" DRLG JAR, 2 X 21-7/8" ST.STAB, FILTER SUB, 12" SHOCK SUB, 11-1/4" MOTOR & 22" TCI BIT. - ST-STAB'S PARTIALLY BALLED UP. - SLEEVE STAB & BIT; NO BALLED UP. - RETRIEVED TOTCO SURVEY, MISS READING. - DRAINED MOTOR AND CHECKED THRUST BEARING CLEARANCE: 4 MM. - BIT DULL GRADE: 1, 1, WT, A, E, I, NO, TD. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
1700 - 1730	0.5	0	22	N	DRLG	RR	TDS	RIG	2075	2075			SERVICE TDS. - HOUSEKEEPING & CLEARED RIG FLOOR. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
1730 - 1900	1.5	0	22	N	CSG	OTH	CSG	TK3	2075	2075			HPJSM, ROUGH CUT 24" CASING @ 6 FT BELOW GROUND LEVEL. - WELDED 1502 CONNECTOR ON 24" CASING AT 7 FT BGL & CONNECTED FILL UP LINE. - L/D CUT-OFF JOINT.
1900 - 2000	1	0	22	N	CSG	HT	PEL	ITS	2075	2075			HPJSM, RIG UP ITS 18-5/8" CRT, SPIDER SLIPS & CASING RUNNING EQUIPMENT. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.

LIMITED MORNING REPORT

HWYH-1391 DEVELOPMENT DRILLING BI-60

01/13/2026 - 03/24/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
2000 - 2030	0.5	0	22	N	CSG	PJSM	CSG	RIG	2075	2075			HPJSM, PRIOR TO RUN CSG, DISCUSSED JSA & JOB PROCEDURE.
2030 - 2130	1	0	22	N	CSG	RCSG	CSTR	ITS	2075	2075	0	125	P/U, M/U 18-5/8" CSG (K55,115#, BTC, FBE) SHOE TRACK, RIH TO 125 FT. - 18-5/8" ENPRO GUIDE SHOE + 2 JTS 18-5/8" CSG + FLOAT COLLAR + 1 JT 18-5/8" CSG. - APPLIED THREAD-LOCK ON ALL SHOE TRACK CONNECTIONS. - FUNCTION TESTED FLOATS - OK. - WELDED G.S & FC OFFLINE. - M/U ALL JOINTS TO THE BASE OF TRIANGLE. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
2130 - 2230	1	0	22	N	CSG	RCSG	CRT	ITS	2075	2075	125	690	CONT. RIH 18-5/8" CSG (115#, K-55, BTC) F/ 125' TO 690' (24" CSG SHOE). - RUN 17 /52 JTS. - TORQUED EVERY JNT UP TO BASE OF TRIANGLE. - FILL UP EVERY JOINT W/ PHPA MUD. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH..
2230 - 2245	0.25	0	22	N	CSG	CIRC	MPMP	RIG	2075	2075			BREAK CIRC AT 24" CSG SHOE. - RECORD P/U & S/OFF WT. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
2245 - 0330	4.75	0	22	N	CSG	RCSG	CRT	TSC	2075	2075	690	2075	RIH 18-5/8" CSG (115#, K-55, BTC) INTO OH F/ 690' TO BTM AT 2036'. - FILL UP EVERY JOINT W/ PHPA MUD. - WASH DOWN LAST JNTS, TAG AND CONFIRMED BTM W/ 15 KLB. - RUN TOTAL 52 JNTS (37 FBE + 15 BARE + PUP JNT). - TORQUED EVERY JNT UP TO BASE OF TRIANGLE. - PUMPED PHPA MUD CAP AT 90-120 BPH FROM BACK SIDE. - STOPPED FILL UP FROM BACK SIDE ONCE LAST CMT BASKETS IN THE HOLE. - CONTINUOUSLY FILL ANNULUS WITH 65 PCF PHPA MUD CAP AT 90-120 BPH.
0330 - 0430	1	0	22	N	CSG	RCSG	CRT	ITS	2075	2075	2036	2075	WASH DOWN W/ 18-5/8" CSG (115#, K-55, BTC) F/ 2036' TO BTM AT 2075'. - TAG AND CONFIRMED BTM W/ 15 KLB. - FR 300-400 GPM, SPP 80-120 PSI.
0430 - 0459	0.5	0	22	N	CSG	CIRC	MPMP	RIG	2075	2075			CIRCULATED HOLE CLEAN. - FR: 600 GPM, SPP: 140 PSI (PRESSURE STABLE). - CIRC WITH PHPA MOF MUD (WELL UNDER TOTAL LOSSES). - MEANWHILE R/U SURFACE LINES & P/T SAME TO 3000 PSI, OK. - R/U SHORT CMT HEAD.

Foreman Remarks

WELL IS PLANNED TO BE DRILLED AS MK1 DESIGN WITH A VERTICAL PROFILE TO KFDA TARGETING KHUFF-C RESERVOIR AS PRIMARY AND
KHUFF-B AS SECONDARY TARGET. THE WELL WILL BE COMPLETED WITH 15K CEMENTED LINER.
WATER WELLS (HWYH-3514 & HWYH- 3507).
========== ARAMCO PERSONNEL==========
- ARAMCO MATERIAL CLERK NAWAF ALSHALAWI #816284 ON LOCATION 01/21/2026.
- ARAMCO MATERIAL CLERK HUSSAIN ALBIN SHAGHAB #820915 OFF LOCATION ON 01/20/2026.
- ARAMCO FCT AHMED ALQARNI #791110 ON LOCATION 01/19/2026.
========== IDS / ADC PERSONNEL ==========
- WSL: NISAR - NWSL: GHAZANFER
- ADC TOOLPUSHERS: AMRO / MADANI
========== LAST CONTRACTOR VISIT, IDS & ADC==========
- IWC PM 09/10/2025
- ADC OPS MG 01/07/26
-ADC HSE MGR 01/07/26
- RIG MGR 01/13/26
- ASSIST RIG MGR 7/8/25
- SLB DRILLING SUPT 01/08/26
- SLB HSE 01/11/26
- SLB WELL ENGINEER : 11/06/2025
========== SERVICE COMPANY ==========
- SINOPEC H2S DETECTION SYSTEM CREW ON LOCATION FOR R/UP 2 STAND ALONE SENSORS (SGOF MANIFOLD & OIL WELL HWYH-335) ON 01/18/2026.
========== SAFETY ==========
> DWLTI: 1770
== = = ========== DRILLS & INSPECTION ==========
-FIRE PUMP TEST
========== HSE / OBSERVATIONS ==========
STOP CARDS : 53 (22 POSITIVE STOP CARDS, 21 UNSAFE CONDITIONS, 10 UN SAFE ACTS).
PRE TOUR-SAFETY MEETING WITH BOTH CREW.
- HAZARD AND SAFETY PRECAUTION DURING PRESSURE TEST BOP O STUMP
- DISCUSS AD RIG ORIENTATION PRESENTATION FOR NEWLY ARRIVE CREW
- LIFE SAVING RULES (CONFINED SPACE)
- DISCUSSED HAZARD AND SAFETY REQUIREMENT WHEN WORKING INSIDE CELLAR
- REVIEW AD ONE PAGER ALERT (FINGER INJURY, DROP OBJECT AND CRAZED DRILLER CABIN WINDOW GLASS)
-DISCUSSED AD IMPLEMENTATION OF HFT AND FINGR INJURY CAMPAIGN
-ENCOURAGE CREW TO APPLY SWA IF UNSAFE ACT OR CONDITION OBSERVED
- DISCUSSED ZERO TOLERANCE IN LINE OF FIRE AND WORKING AT HEIGHTS
- RS ,WSL AND SA FOREMAN DISCUSSED UPCOMING OPERATION

LIMITED MORNING REPORT

HWYH-1391 DEVELOPMENT DRILLING BI-60

01/13/2026 - 03/24/2026

==AVING RULES (WORK AUTHORIZATION)
- REMIN========== INCIDENTS ==========

========== NEARBY SITE ==========
- HWYH SGFOD OIL MANIFOLD 0.526 KM EAST IN 30 PPM OF THE RIG- COMMUNICATION PROTOCOL INTIATED.
========== AUDITS ==========
> 1ST WCI: TOTAL ITEMS: 4, ALL CLOSED, & RHSEI 2025: TOTAL ITEMS: 22, CLOSED: 21, OPEN: 1
========== NEXT WELL ==========

========== VACUUM TANKER ==========
- VACUUM TANKER BXA-1139 ON LOCATION 12/04/25, TDA-9925 & FAB-8785 OFF LOCATION 12/25/2025, VSA-6320 OFF LOCATION 01/24/2025 & JRA-2564 OFF LOCATION 01/25/2026.
========== DIESEL CONSUMED F/ OBM ==========
APPROVED 0 LOADS , RECEIVED 0 BALANCE 0 LOADS.
========== FLAGMAN LOCATION ==========
- FLAG ANAGEMENT CONDUCTED STANDDOWN MEETING TO FOLL OUT FINGER INJURY CAMPAIGN AND THE IMPLEMENTATION OF HFT
- DISCUSSMAN COORDINATES: 2,740,937.3 N 309,171.0 E.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	2.52	9.3	800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	22	0	11 / 15	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	10	5	11 / 13	10	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	2.53	9.2	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	30	0	21 / 25	HB-MUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	13	5	19 / 24	10	200	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
1RR	0	690	DP Av	DC Av	Bit HHP	50	50	435	28	SMT
Pressure	**GPM**	**Jet Vel**	29.27	31.8	363	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,400	900	299				1	1	WT	A	0
Serial Numi	**Type**	**Jets**	**TFA**							
RV2284	GSI12	3 x 15 / 3 x 14	0.969							
Gauge	**Other**	**POOH Reas**								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	43	180	185	175	12,000	Shock Sub Serial	Shock Sub Hrs
							0

Mud Motor Seria	Mud Motor Hrs
	3

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	AS REQUIRED	SEASONAL	ONSHORE	SEASONAL	1,770	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	SMI	SNS	RIG	ARM	TK3	OTH	TK3	ARM	CAM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	OTHR	VAC	WSC	WSC	WHES
No. of Persons	13	38	2	1	16	2	14	1	4	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	24	24	24

Total
94

TRUCKS/BOATS

Standby/Tankers	Others
H 728	adc- ambulance

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	500	378	150	100	4050

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LIMITED MORNING REPORT

HWYH-1391 DEVELOPMENT DRILLING BI-60

01/13/2026 - 03/24/2026

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:44
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-2458 DEVELOPMENT DRILLING BI-60

11/16/2025 - 02/21/2026

أرامكو السعودية
saudi aramco

ADC-56L @ HRDH-2458 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
ADC-56L	(66-23058-2458)	(HRDH-2458 IS PLANNED TO BE DRILLED AS K2 WITH S-SHAPE PROFILE TO BUZA, TARGETING UNAYZAH-A RESERVOIR)	GABR, MOHAMED ABDELWAHAB ALHAJJAJ, FERAS MONEEF HAJRI, HEZAM HAIYEN
Well: HRDH-2458	Wellbores: (0) HRDH_2458_0		
Wellbores: (0) HRDH_2458_0			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2649	013-577-39 92	013-829-77 56 (ADC)
OTHER VSAT	OTHER VSAT	OTHER VSAT
013-577-93 48 (FCT)	013-664-88 15 (SLB)	013-829-76 56 (CLINIC)
CONTRACTOR /CLERK VSA T		
013-577-39 48		

Last 24 hr operations	Next 24 hr plan
CONT MONITOR PRESSURE BUILD UP- PERFORM WELL KILL OPERATION USING WAIT & WEIGHT METHOD, 101 PCF RHELIANT OBM KILL MUD- MONITOR WELL AGAINST CLOSED CHOKE MANIFOD	OPEN WELL & PERFORM FLOW CHECK. CHC TO CONDITION MUD. PERFORM WIPER TRIP TO 7" LINER SHOE. RIH TO TD. CHC. SPOT WIRELINE LOGGING PILL ON BOTTOM. POOH FOR OHL .

Location	Next Location
HRDH FIELD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,811	9 5/8	11696	11530	7	10,943	12,549	12,386

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12811	54.8 (12/04/2025@0900)	100	0	267	266

Formation Tops

Formations	Top Depth	Comments
SULY	5,120	21 FT LOW
HITH	5,726	33 FT LOW
ABAR	6,154	21 FT HIGH
ABBR	6,349	12 FT HIGH
ABCR	6,545	18 FT LOW
ARBD	6,654	13 FT LOW
ABD1	6,778	30 FT LOW
AD5	7,087	53 FT LOW
HNIF	7,372	6 FT HIGH
HDRR	7,744	26 FT HIGH
BHDR	7,982	3 FT LOW
LFDR	8,242	6 FT LOWER
HURN	8,899	18 FT LOW
MRRT	8,996	2 FT LOW
MNJR	9,136	3 FT LOW
JILH	9,230	16 FT LOW
BJDM	9,535	27 FT LOW
MDJR	9,797	27 FT LOW
SUDR	10,488	19 FT LOW
SDDM	10,761	9 FT LOW
KHFF	11,093	34 FT LOW
KFBC	11,222	23 FT LOW
KFCC	11,693	12 FT LOW
KC02	11,820	14 FT LOW
KHFD	11,963	9 FT LOW
BKDC	12,488	3 FT LOW
UNYZ	12,542	12 FT LOW

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1930	14.5	0	5 7/8	N	DRLG	WCNT	MPMP	RIG	12811	12811			CONT. SHUT IN THE WELL & MONITORED PRESSURES FOR BUILD UP / STABILIZATION: - SICP = 905 PSI. - SIDPP = 0 PSI. - BUMP & OPEN FLOAT, SIDPP = 775 PSI. - MEANWHILE PREPARE: 1400 BBLS OF 101 PCF RHELIANT OBM KILL MUD. - KILL MW: 101 PCF
1930 - 2030	1	0	5 7/8	N	KILL	PJSM	NA	RIG	12811	12811			PRE-JOB SAFETY MEETING PRIOR TO KILL THE WELL. - DISCUSS OPERATIONAL PROCEDURE AND HAZARD RELATED. - ASSIGN THE ROLES AND RESPONSIBILITIES FOR KILLING OPERATIONS.
2030 - 0400	7.5	0	5 7/8	N	KILL	KILL	MPMP	RIG	12811	12811			KILL THE WELL BY USING THE WAIT & WEIGHT METHOD .. ONG AT RT . - KILL THE WELL BY USING 101 PCF RHELIANT OBM KILL MUD @ 30 SPM KILL RATE. - OBSERVED GAS CUT MUD FROM 88 PCF TO 86 PCF, FLARED GASES. - CIRCULATE UNTIL 101 PCF RHELIANT OBM KILL MUD AT SURFACE. - MW IN = MW OUT = 101 PCF.
0400 - 0459	1	0	5 7/8	N	KILL	OTH	NA	RIG	12811	12811			SHUT THE WELL & MONITOR WELL. - NO PRESSURE BUILD OBSERVED. - SIDPP = 0 PSI - SICP = 0 PSI - OPEN CHOKE AND PERFORM FLOW CHECK THROUGH CHOKE MANIFOLD TO TRIP TANK - IN PROGRESS.

Foreman Remarks

WELL HRDH-2458 IS PLANNED TO BE DRILLED AS K2 WITH S-SHAPE PROFILE TO BUZA, TARGETING UNAYZAH-A RESERVOIR AS A PRIMARY TARGET, WELL BE COMPLETED WITH SAND-SCREENS

LIMITED MORNING REPORT

HRDH-2458 DEVELOPMENT DRILLING BI-60

11/16/2025 - 02/21/2026

OR CEMENTED LINER.
==========SPUD MEETING ==========
- HOLD PRE-SPUD MEETING ON SUNDAY 11/30/2025 AT ADC-56 IN THE PRESENCE OF ARAMCO FOREMAN, IDS TEAM, RIG TEAM, ARAMCO DE, IDS DRLG SUP AND IDS WE.
==========ARAMCO PERSONNEL==========
- ARAMCO MATERIAL EXPEDITOR YAZID ALSHALAWI ID#8517239 OFF LOCATION 27/01/2026
- ARAMCO MATERIAL EXPEDITOR ALI ALSULTAN ID#8519555 ON LOCATION 21/01/2026
==========IDS PERSONNEL==========
- IDS WSL: RAFIK
- IDS NWSL: BRAD
========== SERVICE COMPANY ==========
- SINOPEC TECH. FOR STAND ALONE H2S SENSOR FROM 11-28-2025.
==========VISIT==========
- ADC RIG MANAGER JAFFAR VISITED RIG ON 12/23/2025.
- ADC LSTK HSE MANGER VISITED RIG ON 06/20/2025.
- ADC TECHNICAL MANAGER AHMED AL-ELEWI VISITED RIG ON 06/17/2025.
- IDS SUPT AHMED ATIA VISTED RIG ON 11/30/2025 FOR PRE SPUD MEETING.
- IDS MEANTENANCE SUPERVISOR MAHMOUD AMMAR VISITED RIG ON 10/01/2025.
- MOHAMMED RAYES ALAWFI - IWC PROJECT MANAGER CELL-3 VISITED RIG 06/30/2025.
- FERAS ALHAJJAJ ARAMCO DRLG ENGINEER VISITED RIG ON 11/30/2025.
- IWC SENIOR WELL ENGINEER MUSTAFA ALMUALLIM VISITED RIG ON 11/30/2025.
==========SAFETY ==========
DWLTI: 2679
- EMPHASIZED ON HANDS FREE TOOLS
- DISCUSSED PRESSURE HAZARD
- SHARED WINTER CAMPAIGN
- DISCUSSED HANDS SAFETY COMMITMENT
- THE IMPORTANCE OF HANDOVER & COMMUNICATION
- THE IMPORTANCE OF BANKSMAN JACKET
- THE IMPORTANCE OF HANDS-FREE TOOLS
- DROPS PROGRAM
- MECHANICAL LIFTING SAFETY
- EMPHASIZED ON STOP WORK AUTHORITY, RED ZONE AND LINE OF FIRE AND STOP PROGRAM
- THE IMPORTANCE OF REPORTING UNSAFE CONDITION, ACTS AND NEAR MISES
- SAFE WORK PRACTICES TO BE FOLLOW FOR ALL ROUTINE AND NON-ROUTINE OPERATIONS.
- MAINTAINING HOUSEKEEPING AROUND RIG
==========DRILLS==========
- 2 X PIT DRILL.
==========NEAR MISS & SLS==========
- SLS:
==========AUDITS==========
- 2026 1ST RHSEI TOTAL FINDINGS : 24 . CLOSE 7 . OPEN 17 (NEW REQUIRMENT).
- 2025 WCI FINDINGS : 8 . CLOSE 7 . OPEN 1.
==========CASING SETTING DEPTHS==========
- 30" SHOE AT MD = 444'.
- 24" SHOE AT MD = 2,181'.
- 18 5/8" SHOE AT MD = 3,792'.
- 13 3/8" SHOE AT MD = 9,564'.
- 9 5/8" SHOE AT MD = 11,696'.
- 7" LINER SHOE AT MD = 12,549'.
- 4.5" LINER SHOE AT MD =
==========NEXT WELL==========
- HRDH-2681 90%
==========VACUUM TANKERS==========
- 01 X TUWAIRESH.
==========DIESEL CONSUMED F/ OBM==========
- APPROVED : 2,200
- RECEIVED : 2,000

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
101 PCF	1	0API	57	524 Volts	5.2	0	23,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
122	0.8HTHP	22	16	0.1	9 / 14	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
70	0	32	21	6 / 7	0	0	1.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
101 PCF	1	0API	57	502 Volts	5.2	0	23,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0.8HTHP	22	17	0.1	9 / 14	INOVRT	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
77	0	31	21	6 / 7	0	0	2.4

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5	11,701	12,552	DP Av	DC Av	Bit HHP	N/A	N/A	M423	8.375	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				1	1	WT	A	X
Serial Numl	**Type**	**Jets**	**TFA**							

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HRDH-2458 DEVELOPMENT DRILLING BI-60

11/16/2025 - 02/21/2026

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	SA01597	MSI616C	POOH Reas	N/A
	Gauge	Other		
	0			

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	34	N/A	N/A	N/A	N/A		21

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
19	Drillpipe	RIG	5.5	1	5.5	4.67	30	3,241.54	VX54	VX54	24.7	74,591.714	VM105	PREM	RIG
18	Crossover	RIG	4.25	1	4.25	1.125	3.24	3,211.54	NC38	NC26	0	73,850.714			18411646
17	Drillpipe	RIG	4	66	6.625	5.901	2,074.1	3,208.3	6 5/8 FH	6 5/8 FH	27.7	73,850.714	VM105	PREM	RIG
16	Heavy Weight Drillpipe (HWDP)	RIG	4	9	6.625	5	282.24	1,134.2	6 5/8 FH	6 5/8 FH	58.1	16,398.144		CONV	AJ08735
15	Crossover	RIG	5	1	14	4	3.43	851.96	7 5/8 REG	7 5/8 REG		0			18411644
14	Drillcollar	RIG	4.75	3	14	3	92.29	848.53	8 5/8 REG	8 5/8 REG		0		SPRL	102
13	Hydro-Mechanical Jar	NOJ	4.625	1	4.75	2.25	29.09	756.24	3 1/2 IF	3 1/2 IF		0			09437KA
12	Drillcollar	RIG	4.75	20	14	3	613.43	727.15	8 5/8 REG	8 5/8 REG		0		SPRL	107
11	FIlter Sub	SDM	5.75	1	9.5	4	6.04	113.72	7 5/8 REG	7 5/8 REG		0			47588012
10	Float Sub	SDM	4.75	1	19.875	3.5	2.09	107.68	7 5/8 REG	7 5/8 REG		0			338769
9	Pony Collar	SDM	5.065	1	5.065	2.25	27.21	105.59	3 1/2 IF	3 1/2 IF	0	0			7530112X
8	Stabilizer	SDM	5.875	1	4.75	2.25	4.42	78.38	NC38	NC38	0	0			PST4646
7	Saver Sub	SDM	4.687	1	9.5	2.5	1.16	73.96	7 5/8 REG	7 5/8 REG		0			11829
6	Measurement While Drilling (MWD)	SDM	5.75	1	28	3.06	31.02	72.8	7 5/8 REG	7 5/8 REG		0			H1416
5	Saver Sub	SDM	4.875	1	9.5	2.5	0.86	41.78	7 5/8 REG	7 5/8 REG		0			397705
4	Stabilizer	SDM	5.875	1	4.75	2.25	4.89	40.92	NC38	NC38	0	0			Y52530
3	Drillcollar	RIG	4.687	1	14	3	30.02	36.03	8 5/8 REG	8 5/8 REG		0		SPRL	143163
2	Stabilizer	SDM	5.875	1	4.75	2.25	5.36	6.01	NC38	NC38	0	0			U59527
1	Bit	SMT		1	5.875		0.65	0.65				0			SA112

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	WEEKLY	SEASONAL	NA	SEASONAL	2,680	PRE-TOUR DAILY

PERSONNEL AND SERVICES INFORMATION

Company	ZPC	SUW	SDM	RIG	BAR	SMI	SNS	TUB	SGR	TK3	RIG	ARM	SCM	TK3	ARM
Category	CSR	CTRG	DPDS	RIG	DFMS	DFMS	H2S	ISPCT	MLS	OTHR	OTHR	OTHR	PCS	WSC	WSC
No. of Persons	5	13	1	41	2	2	1	3	2	5	12	2	3	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	24	24	24	24	12	12	12	24	24	24

Total
95

TRUCKS/BOATS

Standby/Tankers	Others
e-901	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	542	190	109	1544

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ANDR-1524 DEVELOPMENT DRILLING BI-60

01/18/2026 - 03/01/2026

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ADC-58L @ ANDR-1524 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-58L
Well: ANDR-1524
Wellbores: (0) ANDR_1524_0

Charge #: (66-25056-1524)
Wellbores: (0) ANDR_1524_0

Objective : (SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-D RESERVOIR)

Foreman(s) AMAR, ALI HUSSAIN
Engineer ABDULMOHSIN, ALAA TAQI
Manager HELLI, SAMI SULAIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2659	013-378-64 57	3786458
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-813-72 36 (BAKER LSTK)	013-378-64 59	

Last 24 hr operations: RD FROM ANDR-1525, RM & RU ON ANDR-1524

Next 24 hr plan: MOVE & RIG UP MINI CAMP AND OFFICES FROM ANDR-1525 TO ANDR-1524

Location: 4 KM NORTH ANDR GOSP1.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	104	113

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	PRE	N	RM	PJSM	NA	RIG	0	0			HPJSM W/ ALL RIG CREW & DISCUSSED ABOUT RIG MOVE OPERATION, CRITICAL LIFT PLAN, PTW & JSA. - DISCUSSED HSE ALERT# 118-24: LEG INJURY DURING FORKLIFT OPERATION, HSE ALERT# 147-24: CRANE TOPPLED DURING BOP LIFTING OPERATION.
0600 - 0459	23	0	PRE	N	RM	RD	NA	RIG	0	0			RIG MOVE FROM ANDR-1525 TO NEW LOCATION ANDR-1524. ** R/D: 75 %, R/M: 75%, R/U: 25 %. ** R/D OPERATION ON ANDR-1525: - LOAD & MOVE SUBBASE. - LOAD & MOVE MONKEY BOARD. - LOAD & MOVE STORES. - GENERAL HOUSEKEEPING. ** R/U ON ANDR-1524: - GENERAL R/U FOR MUD TANKS... ONGOING. - CONNECT VENT LINES ... ONGOING. - DIGGING DITCH LINES ... ONGOING. - SPOT SUBBASE MATTING. - OFFLOAD SUBBASE. - OFFLOAD MONKEY BOARD. - OFFLOAD MISC. LOADS. - CONT. RECIEVING MUD CHEMICALS. ** MAINTENANCE PLAN DURING RIG MOVE: - CAT III INSPECTON FOR MONEKY BOARD & LOAD TEST FOR TUGGER OF MB (COMPLETED ON 24-JAN-26) -CAT-III FOR THE MAST AND SUBBASE (SAND BLASTING ON GOING), FOUND CRACKS IN THE CONNECTION BETWEEN MAST BOTTOM AND 2ND SECTIONS, OEM REPAIR PLAN PREPERATION (ONGOING). - SEND MAIN ENGINE#3 EMCP FOR REPAIR. (ON GOING) CAT-III MAST HIGH STAND & LOW STAND (NEED REPAIRS AS PER OEM-ONGOING) - CHANGE BUTTERFLY VALVES ON MUD TANKS. (ON GOING) - UT/MPI/PT HIGH PRESSURE LINES (ON GOING) - MPI FOR BOP HOIST BEAMS AND HOOKS (ON GOING) - CAT-III FOR V DOOR AND CATWALK. - CAT-IV. TDS MONORAIL. - MAST AND SUBBASE PAD EYES AND LIFTING LUGS INSPECTION. - REPLACE THE MONKEY BOARD AIR HOSE. - BHA INSPECTION. - LIFTING GEAR INSPECTION. - PRESSURE GAUGES & PRV ANNUAL CERTIFICATION. - UT INSPECTION OF AIR DRYER AND AIR RECEIVER TANKS -DAILY/TOTAL MOVED LOADS: 15/ 219. -MOVED/TOTAL LOADS: 219 LOADS/ 270 LOADS. -RIG RELEASE @ 11:00 AM ON 17-JAN. 2026. -RIG MOVE DISTANCE: 36 KM. -EXPECTED SPUD IN @ 05-FEB. 2026. -ARAMCO KPI: 14.8 DAYS (7.8 DAYS FOR RIG MOVE + 7 DAYS MAINTENANCE).

Foreman Remarks

ANDR-1524 WILL BE DRILLED AS A SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-D RESERVOIR. THE WELL WILL BE COMPLETED WITH LOWER COMPLETION (OPTIONAL TO BE CONFIRMED WITH ARAMCO DE) AND UPPER COMPLETION ON 4-1/2" TUBING.
==========ERP==========
- GOR ARAB-D: 583 SCF/BBL & H2S HDRY: 1.9 %
- CONDUCTED RADIO CHECK ON BOTH STAGING AREAS ON 01/23/2026.
==========WELL DATA==========
- 24" CSG PLAN/ACTUAL: 125' / XXX'.

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- 18-5/8" CSG PLAN/ACTUAL: 705' / XXX' (50' TVD INTO RUS)
- 13-3/8" CSG PLAN/ACTUAL: 2767' / XXXX' (50' TVD INTO AHMADI).
- 9-5/8" CSG PLAN/ACTUAL: 5074' / XXXX' (300' MD INTO MDTM).
- 7" LINER PLAN/ACTUAL: 7336' MD, 6689' TVD / XXXX' MD, XXXX' TVD (2' TVD ABOVE ABD1).
- 6-1/8" OPEN HOLE PLAN//ACTUAL: 10,672' MD, 6,739' TVD // XXXX' MD, XXXX' TVD.

==========ARAMCO POB==========

- MUJAHDEEN ON LOCATION.
- MATERIAL EXPEDITOR ABDULHADI ALHAJRI # ON LOCATION SINCE 01/12/2026.
- FCT MUBARAK HAROUN ID#782755 ON LOCATION SINCE 01/19/2026.

==========LSTK/CONTRACTOR==========

- BAKER WSL: KHALED / MAMDOH, BAKER HSE: AMIR

==========HSE ALERT==========

RIG MOVE HSE ALERTS
AD HSE ALERT - CHERRY PICKER HIT BY TRUCK
HSE ALERT: 162-24 CRANE CABIN DAMAGED DURING TANDEM LIFT
AD BEC ALERTS

==========VACUUM TANKERS==========

- 8 VT ENJAZ AL SHARQ

========== ARAMCO VISIT ==========

- NONE.

==========ARAMCO VEHICLE==========

- ARAMCO CAR DOOR NUMBER B820.

==========ADC / BAKER VISIT==========

- BH MANAGEMENT VISIT: NONE.

==========WATER WELL==========

- ANDR-976.

==========NEXT LOCATION==========

- NEXT LOCATION: ANDR-1535 (99% AS PER WELL SITE-PLASTIC LINING PENDING).
- APPROVED PROGRAM / ERP : NO/ NO.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONALLY	NA	SEASONALLY	2,637	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SCC	RIG	MJH	TK2	RIG	ARM	TK2	ARM
Category	CTRG	RIG	SEC	OTHR	OTHR	OTHR	WSC	WSC
No. of Persons	16	41	8	3	102	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	24	24	24	24	24

Total
175

TRUCKS/BOATS

Standby/Tankers
b820

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2321 DEVELOPMENT DRILLING BI-60

01/10/2026 - 04/13/2026

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ADC-59L @ HRDH-2321 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-59L
Well: HRDH-2321
Wellbores: (0) HRDH_2321_0

Charge #: (66-22058-2321)
Wellbores: (0) HRDH_2321_0

Objective : (MK1 S-SHAPE WELL ACROSS UNYZA RESERVOIR AS A PRIMARY TARGET AND UNYZ-B/C AS A SECONDARY TARGET.)

Foreman(s): QUINTERO, EFRAIN DANIEL
Engineer: MATA PETIT, FELIX EMILIO
Manager: NAJIM, KHALID YOUSEF

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 650	013-577-39 90 ARAMCO	013-664-88 16 IDS
OTHER VSAT	CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T
013-829-77 59 ADC	013-829-76 59 CLINIC	013-577-39 52 CLERK

Last 24 hr operations
N/U & P/T 26 3/4" BOP STACK. INSTALLED WB - MU & RIH 16" MOTOR+MWD BHA. DRILL OUT SHOE TRACK - ON GOING.

Next 24 hr plan
DRILL OUT SHOE TRACK. DRILL 16" HOLE TO SECTION TD @ +/- 4,001 FT

Location: HRDH-2321
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
2,355	18 5/8	2355	2355				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2355	6.8 (01/21/2026@0930)	0	0	278	278

Formation Tops

Formations	Top Depth	Comments
RUS	130	0
UMER	347	0
ARUM	1,170	30 DEEPER
LAMS	1,530	308" SHALLOW
WASI	1,900	0
AHMD	2,305	18' SHALLOW

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0730	2.5	0	22	N	DRLG	OTH	NA	RIG	2355	2355			- INSTALLED 2 X 3-1/8" 5K GATE VALVES ON CHH. - CAMERON 3-1/8" 5K GATE VALVE S/N: 122264278001; P/N: 141553-31-49-15 - CAMERON 3-1/8" 5K GATE VALVE S/N: 122264278002; P/N: 141553-31-49-15. - PRESSURE TESTED VALVES TO 300/5,000 PSI FOR 10 MIN - OK. - MEANWHILE PREPARING FOR BOP & LINES.
0730 - 0800	0.5	0	22	N	DRLG	SDR1	NA	RIG	2355	2355			- PERFORMED H2S DRILL - GOOD REPONSE.
0800 - 0830	0.5	0	22	N	DRLG	PJSM	NA	RIG	2355	2355			- HPJSM BEFORE N/U 26-3/4" BOP. - DISCUSSED OPERATIONAL PROCEDURE & RELATED HAZARDS.
0830 - 1130	3	0	22	N	BOP	BOPT	BOP	RIG	2355	2355			- N/U 26-3/4" 3K BOP STACK. - N/U RISER SPOOL. - N/U 26-3/4" 3K BOP STACK.
1130 - 1200	0.5	0	22	N	DRLG	SDR1	NA	RIG	2355	2355			- HELD AWARENESS SESSION ABOUT THE M/PUMPS SPARE PARTS, MAINTANANCE & CHECKS BY PREMIUM COMPANY REPRESENTATIVES WITH BOTH CREW.
1200 - 1445	2.75	0	22	N	BOP	BOP	BOP	RIG	2355	2355			- CONT TO N/U 26 3/4" BOP - N/U HARD CHOKE LINE. - N/U KILL LINE + NEW COFLEX EMERGENCY KILL LINE. - INSTALLED BELL NIPPLE + FLOW LINE. - FUNCTION TEST BOP HYD CONNECTIONS & ACCUMULATOR. - SECURED THE BOP & HP LINES.
1445 - 1545	1	0	22	N	DRLG	HT	PEL	RIG	2355	2355			- P/U, M/U & RIH TEST PLUG AND TEST ASSEMBLY UNDER CAMERON ENGINEER SUPERVISION. - HPJSM, RIH 2 STDS OF 5 1/2" HWDP BELOW TP . - INSTALLED TEST PUMP & UNIT ASSY.
1545 - 1615	0.5	0	22	N	DRLG	OTH	NA	RIG	2355	2355			- FLUSH AND FILLED UP BOP STACK AS PER ADC PROCEDURES.
1615 - 1800	1.75	0	22	N	BOP	BOPT	CTRL	RIG	2355	2355			- PERFORMED 26 3/4" 3K BOP PRESSURE TEST AS PER ARAMCO STANDARDS. - SOME TESTS DONE OFFLINE. - PERFORMED ACCUMULATOR DRAWDOWN TEST.
1800 - 1900	1	0	22	N	DRLG	HT	PEL	RIG	2355	2355			- RETRIEVED TEST PLUG FROM WELL HEAD. - L/D TEST PLUG AND TEST ASSEMBLY. - POOH & R/BACK 2 X 5-1/2" HWDP STDS.
1900 - 2000	1	0	22	N	WH	RTRV	WBSH	RIG	2355	2355			- INSTALLED CAMERON WEAR BUSHING UNDER WELLHEAD ENGINEER SUPERVISION.
2000 - 2030	0.5	0	22	N	DRLG	PJSM	NA	RIG	2355	2355			- HPJSM, PRIOR P/U 16" MOTOR MWD BHA - DISCUSSED OPERATIONAL PROCEDURE & RELATED HAZARDS
2030 - 0030	4	0	22	N	DRLG	HT	BHA	RIG	2355	2355			- P/U & M/U 16" MOTOR MWD BHA AND RIH TO 906 FT. - 16MDSI716V2-C PDC BIT W/ (10X14) NOZZLES - NOV 11 1/4MOTOR WITH 15-3/4" SLEEVE & FLOAT VALVE. - 15-3/4" STRING STABILIZER - GYRO DATA UBHO

LIMITED MORNING REPORT

HRDH-2321 DEVELOPMENT DRILLING BI-60

01/10/2026 - 04/13/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- GYRO DATA MWD - GYRO DATA FILTER SUB - 15-3/4" STRING STABILIZER (W/TOTCO RING) - 11 JTS X 9 1/2" DCS - 9 1/2RADIUS JAR (S/N: 0634) - 3 JTS X 9 1/2DCS - XO + 3 JTS X 8 1/2" DCS - XO + 9 JTS X 5 1/2HWDPS * WT BELOW JAR: 80 KLBS. * BHA WT: 130 KLBS.
0030 - 0045	0.25	0	22	N	DRLG	PJSM	NA	RIG	2355	2355			- HPJSM, PRIOR P/U 5 1/2" DPS USING HCW - DISCUSSED OPERATIONAL PROCEDURE & RELATED HAZARDS
0045 - 0300	2.25	0	22	N	DRLG	TI	SPDP	RIG	2355	2355	906	2150	- RIH 16" MOTOR MWD BHA WHILE P/U 5 1/2" "S" GR DPS FROM 906 FT TO 2,150 FT. - P/U 45 JNTS FROM THE RACKS. - DRIFT & CLEAN ALL THE PIPES. - MONITORED WELL ON TRIP TANK & RECORDED TRIP SHEET.
0300 - 0330	0.5	0	22	N	DRLG	CIRC	MPMP	RIG	2355	2355			- REAMED/WASHED DOWN FROM 2,150 FT AND TAGGED TOC AT 2,250 FT. - FR: 700 GPM, SPP: 650 PSI - RPM: 20, TQ: 2-3 KFT-LBS. - MEANWHILE SHALLOW TESTED MWD TOOL, ALL SIGNAL - OK.
0330 - 0459	1.5	0	22	N	DRLG	DC	MMOT	RIG	2355	2355	2250	2355	- D/O CMT, F.COLLAR, CMT & FLOAT SHOE , F/ 2,250 FT, TO 2,355 FT. - ON GOING. - CASING P/T ALREADY PERFORMED WHILE BUMPING THE PLUG - WOB: 5-25 KLBS, FR: 800-1,000 GPM, SPP: 650-950 PSI, RPM-20-40, TRQ: 2- 10 KFT-LBS. - INCREASED WOB IN STAGES..

Foreman Remarks

WELL HRDH-2321, PLANNED TO BE DRILLED AS MK1 S-SHAPE WELL ACROSS UNYZA RESERVOIR AS A PRIMARY TARGET AND UNYZ-B/C AS A SECONDARY TARGET. THE WELL WILL BE COMPLETED IN PRE-KHUFF WITH 15K CEMENTED LINER.

----------ARAMCO PERSONNEL ON LOCATION----------

> ARAMCO MAT. EXP. SAAD ALQATHAMI #816327 ON LOCATION FROM 01/14/2026.
> ARAMCO SGGDD FCT ASAAD AKBAR #796636 ON LOCATION FROM 01/14/2026.
> ARAMCO SGGDD FCT NASSER ALQAHTANI #796644 ON LOCATION FROM 01/26/2026

==========SPUD MEETING ==========

> PRE-SPUD MEETING FOR HRDH-2321 HELD ON 01/19/2026 VIA ZOOM, ATTENDED BY RIG TEAM, SLB IDS TEAM, DRILLING ENGINEER & ARAMCO FOREMAN

----------ARAMCO SERVICE COMPANY PERSONNEL----------

> SINOPEC H2S SENSOR MONITORING (2).

----------IDS & ADC PERSONNEL & CONTRACTOR VISITS----------

> IDS SUPERVISORS (DAY/NIGHT): BABJI/JESUS.

----------HSE----------

TIME OUT FOR SAFETY

TOFS-1: STOP WORK AUTHORITY HAS BEEN APPLIED BY RIG SAFETY TRNG CO-ORD DUE TO NOTICED FLOORMAN WAS PREPARING AND CHECKING THEIR HANDLING TOOL AND NOT FOLLOWING THE ADIPP TECHNIQUE.

TIME OUT FOR SAFETY HAS BEEN CONDUCTED WITH ALL TEAM INVOLVED IN THE JOB TO DISCUSS WITH CREW ABOUT PROPER MANUAL HANDLING

DRILLS

INSPECTIONS
HANDSFREE TOOLS - 1

JOINT STOP TOURS
NUMBER OF TOURS - 1
NUMBER OF FINDINGS - 0

STOP CARDS
STOP CARDS REPORTED - 10
ADDITIONAL STOP CARDS - 39
DIGITAL STOP CARDS - 0
STOP CARDS TOTAL - 49
STOP CARDS RATE - 0.50

WEEKLY ACTIONS TRACKER
TOTAL ACTIONS - 8
OPEN ACTIONS - 1
CLOSED ACTIONS - 6
ONGOING ACTIONS - 1
N/A ACTIONS - 0
CURRENT ACTIONS CLOSURE - 81.25%

RSTC - NAZAKAT HUSSAIN

Username: YUAYANAL
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LIMITED MORNING REPORT

HRDH-2321 DEVELOPMENT DRILLING BI-60

01/10/2026 - 04/13/2026

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----------VACUMM TANKERS----------

----------ACTUAL WATER WELLS----------
> HRDH-2321 100% WATER WELLS HRDH-866/867

----------NEXT LOCATION ----------
>HRDH-2486 85%
>WATER WELLS: HRDH-874/860.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	0API	0	0 Volts	4.83	9.4	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	27	0.1	15 / 22	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
76	0	14	6	14 / 17	30	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	0API	0	0 Volts	3.76	9.5	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	21	0.1	10 / 14	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	9	5	9 / 11	15	200	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	1	916.13	XT54	XT54	24.7	156,799.49	S135	PREM	SA01180
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	279.59	915.13	XT54	XT54	54	156,774.79		CONV	
14	Crossover	RIG	8.5	1	8.5	2.813	3.56	635.54	6 5/8 REG	XT54	158	141,676.93			200
13	Drillcollar	RIG	8.25	3	8.25	3	90.24	631.98	6 5/8 REG	6 5/8 REG	158	141,114.45		SPRL	
12	Crossover	RIG	9.5	1	9.5	3	3.18	541.74	7 5/8 REG	6 5/8 REG	233	126,856.53			139
11	Drillcollar	RIG	9.5	3	9.5	3	90.29	538.56	7 5/8 REG	7 5/8 REG	233	126,115.59		SPRL	
10	Hydraulic Jar	SJS	9.5	1			24	448.27			233	105,078.02			635
9	Drillcollar	RIG	9.5	11	9.5	3	336.51	424.27	7 5/8 REG	7 5/8 REG	233	99,486.02		SPRL	
8	Stabilizer	SDM	16	1	16	3	7.14	87.76	7 5/8 REG	7 5/8 REG	249	21,079.19			NAP119
7	FIlter Sub	SDM	9.5	1	9.5	3	7.04	80.62	7 7/8 REG	7 5/8 REG	249	19,301.33			9501054
6	Non Magnetic Drill Collar (NMDC)	SDM	9.5	1	9.5	3	25.75	73.58	7 5/8 REG	7 5/8 REG	233	17,548.37		SPRL	G004
5	UBHO Sub	SDM	9.5	1	9.5	3.125	2.75	47.83	7 5/8 REG	7 5/8 REG	249	11,548.62			G011
4	Stabilizer	SDM	16	1	16	3	6.78	45.08	7 5/8 REG	7 5/8 REG	249	10,863.87			NAP116
3	Float Sub	SDM	11.25	1	11.25	3	1.73	38.3	7 5/8 REG	7 5/8 REG	249	9,175.65			341300
2	Mud Motor	SDM	11.5	1	11.5		35.12	36.57			249	8,744.88			DS0797
1	Bit	SMT		1	16		1.45	1.45				0			SA01798

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	ONSHORE	SEASONAL	2,614	2 X PRE TOUR SAFETY MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	SCC	RIG	SMI	SNS	RIG	ARM	TK3	ARM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	WSC	WSC
No. of Persons	13	47	2	2	24	3	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24

Total
95

TRUCKS/BOATS

Standby/Tankers
F109

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	290	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ABSF-509 WORKOVER-1 BI-60

01/26/2026 - 06/19/2027

ADC-60 @ ABSF-509 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily OffShore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADC-60 Well ABSF-509 Wellbores: (0) ABSF_509_0	Charge #: (72-25019-0509) Wellbores: (0) ABSF_509_0	Objective : (Z | MISCELLANEOUS: ALL OTHER WORK NOT COVERED BY OTHER WORKOVER TYPE CODES)	Foreman(s) ORABI, AHMED MOHAMED / ALKHUDAYDI, SAIF SAAD Engineer MOUSA, MOHAMMAD ADEL Manager RAJHI, MOHAMMAD ALI THURAYA 0088-2167- 771-2838 RIG FORMAN VSAT 378-6510 CONTRACTOR /CLERK VSA T 378-6511 (RR) CONTRACTOR /CLERK VSA T 378-6512 (CLERK) CONTRACTOR /CLERK VSA T 013-829-77 60 (OIM)

Last 24 hr operations	Next 24 hr plan
GENERAL RIG DOWN, BACKLOADING & PREPARE FOR RIG MOVE. TO ABSF-310/319-509 PLTF.	GENERAL RIG DOWN, BACKLOADING & PREPARE FOR RIG MOVE. TO ABSF-310/319-509 PLTF.

Location	Next Location
ABSF-310/319-509 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	85	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	RM	OTH	NA	RIG	7332	7332			GENERAL RIG DOWN & PREPARE FOR RIG MOVE. BACKLOADING EQUIPMENT & MUD CHEMICALS PRIOR TO RIG MOVE, ONGOING. SECURE RIG EQUIPMENT PRIOR TO RIG MOVE, ONGOING. SKID RIG FLOOR TO CENTER. SKID IN CANTILEVER TO FINAL POSITION. FULL RIG DOWN MI SWACO SKIP & SHIP EQUIPMENT. LIFT TEXAS DECK IN TOWING POSITION. LIFT AND SECURE FLARE BOOMS PORT SIDE AND STBD SIDE IN TOWING POSITION.

Workover Objectives

Foreman Remarks

ABSF-509 OBJECTIVE: IS TO TIE-BACK THIS WELL. A FUTURE SUPPLEMENT WILL BE ISSUED TO COVER COMPLETING THE WELL AS AN OBSERVATION
WELL WITH PDHMS, COMPLETION PACKERS AND TRSSSV FOR OBSERVATION PURPOSES.

==========CURRENT LOCATION DATA==========
RIG LOCATION- ABSF-508
* RIG HEADING 14.8* LAT- 26 55.04' N / LONG - 050 31.2' E
* AIR GAP = 43'.
* WATER DEPTH: 38.4'
* RKB TO SL = 106.58'
* RKB TO ML = 144.98'.
* FINAL LEG PENETRATION: BOW 5.1 FT, PORT 4.9 FT, AND STBD 5.4 FT.

==========NEXT LOCATION==========
* ABSF-310/319-509 PLATFORM. RIG MOVE EXPECTED DATE IS 31/01/2026.
* SITE SPECIFIC SURVEY: CRM-8800025110 SUBMITTED ON 08/14/2025.
* RIG MOVE POSITIONING REQUEST: CRM-8800024942 SUBMITTED ON 11/24/2025.
* RIG MOVE REQUEST: RM-2025-4013745 SUBMITTED ON 12/11/2025.
* RIG MOVE MEETING: #036/2026 HELD ON 1/09/2026.

==========ARAMCO PERSONNEL==========
* AL SAEEDI, ALI, PDP, #835609 ONBOARD SINCE JAN 27, 2026
* ALHUZALI, SULTAN ME#8389807 ONBOARD SINCE JAN 24, 2026

========== ADC MANAGEMENT VISIT==========
* ABDULMOHSEN ALSULTAN ADC RIG MANAGER, ID #8337441V ONBOARD SINCE JAN 27, 2026
* ABDULAZIZ AL-HUWAISHL, ADC OPS MANAGER, ID #8007324 VISITED RIG ON JULY 21, 2025

==========HSE & ALERT==========
** H2S DRILL: 25 JAN 2026
** FIRE DRILL: 11 JAN 2026
** ABANDON SHIP DRILL: 25 JAN 2026
** SECONDARY DRILL: 17 MAY 2025
** MAN DOWN DRILL: 18 JAN 2026
** H2S RESCUE DRILL: 18 JAN 2026
** MAN OVERBOARD: 03 NOV 2025
** VERTICAL RESCUE DRILL: 13 NOV 2025
** CONFINED SPACE DRILL: 10 DEC 2025
** WELL CONTROL DRILLS (PIT DRILL, TRIP DRILL): DAILY
** OIL SPILL EQUIPMENT DRILL: 18 DEC 2025
** HSE ALERTS REVIEWED WITH CREWS: HSE ALERT 06-26 , 07-26
** HSE OPERATIONAL ALERT 07-26

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	
BIT DATA	

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LIMITED MORNING REPORT

ABSF-509 WORKOVER-1 BI-60

01/26/2026 - 06/19/2027

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	4-7 KNOTS NW	1-2 FT	SEASONAL	3,237	DAILY/PRETOUR/WEEKLY

PERSONNEL AND SERVICES INFORMATION

Company	GOC	GOS	RIG	BDF	RIG	ARM	SCM	ARM	CAM	GEP	
Category	CSR	CTRG	RIG	DFMS	OTHR	OTHR	PCS	WSC	WHES	WHES	
No. of Persons	2	14	49	2	6	2	2	2	1	1	Total 81
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	0	0	24	24	12	12	24	24	0	0	

TRUCKS/BOATS

Standby/Tankers	Others	Others
RAWABI-201	POSH IMPALA	POSH Gemsbok

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2492	1634	1104	3225	639	1116

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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HRDH-2492 DEVELOPMENT DRILLING BI-60

12/21/2025 - 03/03/2026

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ADC-64L @ HRDH-2492 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-64L
Well: HRDH-2492
Wellbores: (0) HRDH_2492_0

Charge #: (66-25058-2492)
Wellbores: (0) HRDH_2492_0

Objective : (MK1 WITH S-SHAPE PROFILE TO PUZU, TARGETING UNYZ-B/C RESERVOIR AS A PRIMARY TARGET.)

Foreman(s): MERIEM, NADIR EL AMINE
Engineer: ALOKE, CHINWIKE DARLYNTIN
Manager: NEJIDI, AHMED ABDULLAH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
*882167771 2646	ARM: 013-5 77-3986	FCT: 013-5 77-9350
OTHER VSAT	OTHER VSAT	CONTRACTOR /CLERK VSA T
ADC-RM: 01 3-8297664	IDS-WSL: 0 13-6648812	MAT EXP: 0 13-577-396 1

Last 24 hr operations
CON'T POOH 12" RSS BHA TO SURFACE. L/D MWD TOOLS AND RSS. RIH 12" BHA W/ NEW DM TOOLS TO 8370 FT.

Next 24 hr plan
RE-LOG F/8370' TO BOTTOM (8525') , CON'T TO DIRECTIONALLY DRILL SECTION TO CASING POINT @ +-11,103 FT (30 FT INTO BJDM).

Location
LOCATED IN THE SAME PAD SITE WITH HRDH-2100 AND HRDH-2144 (WEST).

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,525	13 3/8	5272	5272				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7980	21.5 (01/06/2026@1730)	100	0	292	290

Formation Tops

Formations	Top Depth	Comments
RUS	735	25' SHALLOWER.
UMER	910	70' SHALLOWER.
ARUM	1,947	97' DEEPER.
LAMS	2,325	25' DEEPER.
AHMD	3,435	5' DEEPER
SFNY	3,765	30' SHSLLOWER
SHUB	4,720	24' DEEPER
BYDH	4,980	43' DEEPER
MDTM	6,136	2' DEEPER (6129' TVD)
SULY	6,767	32' DEEPER (6738 TVD)
HITH	7,396	24' DEEPER (7345' TVD)
ABAR	7,854	20' DEEPER (7786' TVD)
ABBR	7,976	115' DEEPER (7903 TVD)
ABCR	8,144	34' DEEPER (8063'TVD)
ARBD	8,266	27' DEEPER (8181'TVD)
PADS	8,355	26' DEEPER (8265'TVD)
BPDS	8,359	29' DEEPER (8268'TVD)
ABDR	8,373	30' DEEPER (8281' TVD)
AD2A	8,386	31' DEEPER (8294' TVD)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
0500 - 0600	1	0	12	N	DRLG	BR	STRG	ARM	8525	8525	8525	7435	DD	965544	POOH 12" RSS BHA TO 7435 FT ON ELEVATORS. - OBS TIGHT SPOT @ 7491 FT CLEARED BY BACK REAMING. - REST OF THE HOLE IN GOOD CONDITION. - MONITOR WELL ON TRIP TANK, OK.
0600 - 0615	0.25	0	12	N	DRLG	WCNT	NA	RIG	8525	8525			DD	965544	PERFORM FLOW CHECK, OK.
0615 - 1415	8	0	12	N	DRLG	BR	STRG	RIG	8525	8525	7435	5250	DD	965544	POOH 12" RSS BHA F/ 7435 FT TO 5250 FT (INSIDE 13-3/8" CSG SHOE). - OBSERVED TIGHT HOLE AT 7489', 6841', 6550', 6550'- 5272' - CLEARED TIGHT HOLE BY BACK REAMING. - FR : 700 GPM, RPM : 60, TQ: 5-14 KLB-FT - MONITOR WELL ON TRIP TANK, OK.
1415 - 1445	0.5	0	12	N	DRLG	WCNT	NA	RIG	8525	8525			DD	965544	PERFORM FLOW CHECK, WELL STATIC
1445 - 1515	0.5	0	12	N	DRLG	RR	TDS	RIG	8525	8525			DD	965544	SERVICE TDS - PUMP SLUG.
1515 - 1645	1.5	0	12	N	DRLG	TO	SPDP	RIG	8525	8525	5250	1300	DD	965544	POOH 12" RSS BHA F/ 5250 FT TO 1300 FT (5 STDS ABOVE BHA). - MONITOR WELL ON TRIP TANK, OK.
1645 - 1700	0.25	0	12	N	DRLG	WCNT	NA	RIG	8525	8525			DD	965544	PERFORMED FLOW CHECK, OK.
1700 - 1715	0.25	0	12	N	DRLG	TO	STDP	RIG	8525	8525	1300	860	DD	965544	POOH 12" RSS BHA F/ 1300 FT TO 860 FT (TOP OF BHA). - MONITOR WELL ON TRIP TANK, OK
1715 - 1730	0.25	0	12	N	DRLG	WCNT	NA	RIG	8525	8525			DD	965544	PERFORMED FLOW CHECK, OK.
1730 - 2030	3	0	12	N	DRLG	HT	BHA	RIG	8525	8525			DD	965544	POOH 12" RSS BHA F/ 860 FT TO SURFACE. - MONITOR WELL ON TRIP TANK, OK. - R/B 6 STDS 6-5/8" HWDP, 1 STD 8-1/2" DC - L/D MWD TOOLS AND POWR DRIVE - B/O BIT - POOH BIT CINDITION : 1 2 CT N X IN WT DTF. - MONITOR WELL ON TRIP TANK, OK.

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Report ID: OPERLMTDMRREP

HRDH-2492 DEVELOPMENT DRILLING BI-60

12/21/2025 - 03/03/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
2030 - 2100	0.5	0	12	N	DRLG	PJSM	NA	RIG	8525	8525			DD	965544	PJSM BEFORE RIH 12" BHA FOR RUN# 2. - PERFORM HOUSEKEEPING ON RIG FLOOR.
2100 - 0000	3	0	12	N	DRLG	HT	BHA	RIG	8525	8525			DD	965544	M/U AND RIH 12" RSS BHA TO 855 FT, AS BELOW. - 12" PDC BIT MSIZ716V2-C (NZ: 10 X 14), SN: SA00203. - PD ORBIT W/ 11-7/8" STAB - SAVER SUB - C-LINK - SAVER SUB - MWD - SAVER SUB - 8-1/4" NMDC - 11-3/4" STRING STAB - FLOAT SUB - FLOAT SUB - FILTER SUB - WCMD 103 - 3 X 8.5" SPIRAL COLLAR (3 JOINTS) - X-OVER - 18 X 6-5/8" HWDP (18 JTS) - X-OVER - 8" HYDRA-JAR - X-OVER - 2 X 6-5/8" HWDP (2 JTS) - X-OVER * WT BELOW JAR = 64 KLBS
0000 - 0200	2	0	12	N	DRLG	TI	SPDP	RIG	8525	8525	855	5280	DD	965544	CONT. RIH 12" RSS BHA ON 5.5" DP STANDS FROM 855 FT TO 5280 FT IN CH. - FILL UP EVERY 20 STANDS AND BREAK CIRCULATION. - MONITOR WELL VIA TRIP TANK-OK.
0200 - 0459	3	0	12	N	DRLG	RW	BIT	SBT	8525	8525	5280	8370	DD	965544	CONT. RIH 12" RSS BHA ON 5.5" DP STANDS FROM 5280 FT TO 8370 FT IN OH. - FILL UP EVERY 20 STANDS AND BREAK CIRCULATION. - MONITOR WELL VIA TRIP TANK-OK.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 0215	24	26.75	965544		DD	UDWL	RSS	SDM	8525	THE POWER DRIVER IS NOT RESPONDING TO THE COMMANDS GIVEN

Foreman Remarks

HRDH-2492. THE WELL IS PLANNED TO BE DRILLED AS MK1 WITH S-SHAPE PROFILE TO PUZU, TARGETING UNYZ-B/C RESERVOIR AS A PRIMARY TARGET AND UNYZ-A AS A SECONDARY TARGET.
A SEPARATE SUPPLEMENT WILL BE ISSUED TO COVER THE COMPLETION DETAILS.
RER 1/2 LFL = 125 M; 100 PPM = 125M; 30 PPM = 125 M (THE WELL IS OUTSIDE OIL LIMIT).
========== JOURNEY MANAGEMENT ==========
>> THE RIG IS 2.0 KM SKID ROAD FROM THE BLACK TOP.
>> NIGHT DRIVING IS PROHIBITED. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
========== ARAMCO PERSONNEL ==========
>> FCT ABDULHAFEEZ ALHARBI ID# 818178 ON LOCATION SINCE 01/21/2026.
>> MATERIAL CLERK HASSAN SAEED AL-SALAH ID#8596579 ON LOCATION SINCE 01/21/2026.
========== RIG VISIT ==========
>> ARAMCO FLUID ADVISOR GASMI ABDLHAFIDH ID#8621756 VISITED THE RIG.
========== IDS PERSONNEL ==========
>> IDS WSL; DAY: GOPALA, NIGHT: NIRAV
==========3RD PARTY & VACUUM TANKERS ON LOCATION ==========
>> VACCUM TANKERS : 04 - 7746 GRA //1355 JSA // 4523 NJA // 4761 LRA.
========== AUDITS ==========
2025, 1ST RSI: 24 ITEMS,1 OPEN; ; WCEI 2025: 06 ITEMS, 0 OPEN ; HAZCOM 29 ITEMS, 0 OPEN, CEHA :23 ITEMS, 0 OPEN.
========== HSE ==========
PTSM MEETING CONDUCTED AT 06:00 AM& 06:00 PM, TOOK PART BY RSTC, WSL, RS,ARS AND ARAMCO FOREMAN AND ALL SHIFT CREW MEMBERS & RIG MOVE CREW , THE TOPICS OF DISCUSSION WERE AS FOLLOWS:
DURING SAFETY MEETING THE FOLLOWING TOPIC HAS BEEN DISCUSSED:

HSE ALERT - 08-26 - ROUSTABOUT ANKLE TWISTED
HSE ALERT - 09-26 - TRUCK ROLLOVER
HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
PROPER USE FOR HAND FREE TOOLS

NEAR MISSES TODAY: 0 NEAR MISSES THIS WEEK: 0

WEEK NO: 5

DRILLS: 1X TRIP DRILL

DWLTI: 2785
========== ========== WATER WELLS ==========
>> ASSIGNED WATER WELLS : WELL# HRDH-3536 AND WELL# NJYN-805 SHARE WITH PA-70.
========== NEXT LOCATION ==========
>> NEXT LOCATION WELL# HRDH-2620.

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========== DIESEL APROVED AND RECEIVED FOR OBM==========
>> APPROVED : 1930 BBLS
>> RECEIVED :
========== MISCELLANEOUS ==========
>> ESTABLISHED DAILY COMMUNICATION PROTOCOL WITH NEARBY RIG BCTD-10 ,TELEPHONE # 577-3201 /577-3234.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	0	2.8API	8	0 Volts	3.29	10.8	42,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	70	24	0.2	7 / 19	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	1	32	22	6 / 7	5	0	4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	0	3API	8	0 Volts	3.29	11	41,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	70	25	0	8 / 16	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	1	32	22	6 / 8	5	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	0	0API	8	0 Volts	3.29	10.8	42,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	70	24	0.2	7 / 19	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	32	22	6 / 7	5	0	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
5	5,280	8,525	DP Av	DC Av	Bit HHP	45	100	M423	12	SMT
Pressure	**GPM**	**Jet Vel**	183.15	290.36	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,000	850	N/A				1	2	CT	N/A	X
Serial Numi	**Type**	**Jets**	**TFA**							
SA01779	MSI716V2C	POOH Reas	N/A							
Gauge	**Other**									
0										

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
6	8,525	8,525	DP Av	DC Av	Bit HHP	N/A	N/A	M423	12	SMT
Pressure	**GPM**	**Jet Vel**	257.27	407.87	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	1,194	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA00203	MSI716V2C	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	80	259	293	235	15,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	**Shock Sub Serial**	**Shock Sub Hrs**
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	0	857.19	XT54	XT54	24.7	57,775.257	CYX105	PREM	RIG
15	Crossover	RIG	8.5	1	8.5	2.813	2.3	857.19	XT54	6 5/8 FH	0	57,775.257			42423-2A
14	Heavy Weight Drillpipe (HWDP)	RIG	6.625	2	6.625	4	61.4	854.89	6 5/8 FH	6 5/8 FH	82.748	57,775.257		CONV	RIG
13	Hydraulic Jar	SRT	8	1	8	3	38.31	793.49	6-5/8 FH	6-5/8 FH	0	52,694.53			04349KA
12	Heavy Weight Drillpipe (HWDP)	RIG	6.625	18	6.625	4.5	552.35	755.18	6 5/8 FH	6 5/8 FH	85.5	52,694.53		CONV	RIG
11	Crossover	RIG	8.5	1	8.5	2.813	3.3	202.83	6 5/8 REG	6 5/8 FH	0	5,468.605			NAP8396-1
10	Drillcollar	RIG	8.5	3	8.5	3	91.81	199.53	6 5/8 REG	6 5/8 REG	3	5,468.605		SPRL	RIG
9	PBL (Multiple Activation By Pass)	SMT	8.375	1	8.375	2.75	13.5	107.72	6 5/8 REG	6 5/8 REG	0	5,193.175			MNB61588-07
8	FIlter Sub	SDM	8.25	1	8.125	3	7	94.22	6 5/8 REG	6 5/8 REG	0	5,193.175			800-8017
7	Float Sub	SDM	8.125	1	8	2.875	4.58	87.22	6 5/8 REG	6 5/8 REG	0	5,193.175			0183-21

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
6	Stabilizer	RIG	11.875	1	8.25	3	6.2	82.64	6 5/8 REG	6 5/8 REG	0	5,193.175			9906
5	Non Magnetic Drill Collar (NMDC)	SDM	8.25	1	8.25	3	26.82	76.44	6 5/8 REG	6 5/8 REG	0	5,193.175		SPRL	NTS-SA-47604
4	Measurement While Drilling (MWD)	SDM	8.25	1	9.5		27.55	49.62	6-5/8 FH	6-5/8 REG	188.5	5,193.175			G1748
3	Saver Sub	SDM	8.375	1	8.375	2.813	7.38	22.07	6 5/8 REG	6 5/8 FH	0	0			56992-03
2	RSS	SDM	11	1	11		13.64	14.69			0	0			213069
1	Bit	SMT	12	1	12		1.05	1.05	6-5/8" REG			0			SA00203

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	SEASONAL	ONSHORE	SEASONAL	2,786	H2S DRILL

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	SMI	SNS	TK3	RIG	ARM	OTH	TK3	ARM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	OTHR	VAC	WSC	WSC
No. of Persons	14	40	2	1	9	13	2	4	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	12	12	12	12	24	24

Total
88

TRUCKS/BOATS

Standby/Tankers	Others
ARAMCO TRUCK# E-947	RIG AMBULANCE.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	954	N/A	N/A	2250

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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ADC-65L @ UTMN-3268 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig
ADC-65L

Well
UTMN-3268

Wellbores:
(0) UTMN_3268_0

Charge #:
(66-24057-3268)

Wellbores:
(0) UTMN_3268_0

Objective : (MK1 DESIGN, PLANNED TO PRE-SET THE 4-1/2" LINER INSIDE KHUFF-B CARBONATE (KFBC))

Foreman(s) PEARSON, DEREIK WAYNE
Engineer ZAHID, SALMAN
Manager NEJIDI, AHMED ABDULLAH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00882-167- 771-2647	013-577-39 82	013-577-93 51 (FCT)
OTHER VSAT	OTHER VSAT	OTHER VSAT
013-829-77 65 (ADC)	013-664-88 13 (IDS)	013-829-76 65 (CLINIC)
CONTRACTOR /CLERK VSA T		
013-577-39 08		

Last 24 hr operations
RUN 9-5/8" CSG W/ WFD 10K DV TO BTM, SPACE OUT, M/U & LAND FMH IN CHS, CHC, 1ST STAGE CMT JOB

Next 24 hr plan
1ST STG CMT JOB, SET DV, 2ND STG CMT JOB, BACK OFF FMH LNDG JNT. JET CHS & BOP STACK, SET PACK-OFF, N/D BOP, INSTALL VG THS, N/U & P/T BOPS

Location
WELL IS LOCATED IN WESTERN PART OF UTHMANIYAH FIELD 151.50 KM FROM THE DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,088	13 3/8	4185	4185				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8088	16.7 (01/11/2026@1300)	100	0	152	152

Formation Tops

Formations	Top Depth	Comments
BYDH	3,890	25 FT SHALLOWER
MDTM	4,764	59 FT DEEPER
SULY	5,243	AS PROGRAM
HITH	5,871	69 FT DEEPER
ABAR	6,273	8 FT DEEPER
ARBB	6,312	8 FT DEEPER
ABBR	6,372	26 FT DEEPER
ARBC	6,395	5 FT DEEPER
ABCR	6,493	10 FT DEEPER
ARBD	6,594	7 FT DEEPER
PADS	6,703	4 FT DEEPER
ABD1	6,740	1 FT SHALLOW
BADR	7,041	52 FT DEEPER
HNIF	7,552	15 FT DEEPER
BUHR	7,708	5 FT DEEPER
TQMN	7,949	18 FT DEEPER
HDRR	7,956	9 FT DEEPER
BHDR	8,028	2 FT DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	12	N	CSG	RCSG	CSTR	ITS	8088	8088	84	126	CONT TO P/U, M/U 9-5/8" 53.5#, TN-95HC 3SB CSG 3 JOINT SHOE TRACK AND RIH TO 126 FOOT. - FLOAT COLLAR - 1 JTS OF 9-5/8" 53.5#, TN-95HC 3SB FBE CSG. - LANDING COLLAR - CHART M/U OF ALL CONNECTIONS WITH JAM UNIT TO OPT TRQ OF 16,500 LB-FT. FOR 53.5#, TN-95HC 3SB CONNECTIONS. - FUNCTION TESTED FLOAT COLLAR. OK. - THREAD LOCKED ALL SHOE TRACK CONNECTIONS. - 3/199 TOTAL JNTS IN THE HOLE.
0530 - 1200	6.5	0	12	N	CSG	RCSG	CRT	ITS	8088	8088	126	4197	RIH 9-5/8" CASING WITH CRT AND HYDRAULIC CATWALK FROM 126 FT TO 4,197 FT - RUN 100 MORE JNTS OF 9-5/8" 53.5#, TN-95HC 3SB FBE CSG. - CHART ALL CONNECTIONS WITH JAM UNIT TO OPT TRQ OF16,500 LB-FT. FOR 53.5#, TN-95HC 3SB CONNECTIONS. - FILL UP EVERY JOINT. - MONITOR WELL WITH TRIP TANK - OK. - 103 / 199 TOTAL JTS IN THE HOLE.
1200 - 1230	0.5	0	12	N	CSG	PJSM	CSG	RIG	8088	8088			PREJOB SAFETY MEETING - RUN 9-5/8" LINER WITH AFTERNOON CREW.
1230 - 1330	1	0	12	N	CSG	RCSG	DV	WDV	8088	8088			P/U, M/U AND RIH WITH 9-5/8" 10K WFD DV PLUS 1 X 53.5#, TN-95HC 3SB PIN X 53.5# VM-95HCSS VT-HC-NA BOX X/O AND RIH TO 4,230 FT WITH WFD SUPERVISION. - MONITOR WELL WITH TRIP TANK - OK.
1330 - 2000	6.5	0	12	N	CSG	RCSG	CRT	ITS	8088	8088	4230	8088	RIH 9-5/8" CASING WITH CRT AND HYDRAULIC CATWALK FROM 4,197 FT TO 7,973 FT - RUN 93 MORE JNTS OF 9-5/8" 53.5#, VM-95HCSS VT-HC-NA BARE CSG. - CHART ALL CONNECTIONS WITH JAM UNIT TO OPT TRQ OF 23,150 LB-FT. FOR 53.5#, VT-HC-NA CONNECTIONS. - FILL UP EVERY JOINT. - MONITOR WELL WITH TRIP TANK - OK. - 196 / 199 TOTAL JTS IN THE HOLE.
2000 - 2130	1.5	0	12	N	CSG	CIRC	MPMP	RIG	8088	8088			CIRCULATE DOWN WITH 2 X 10 FT 53.5#, VM-95HCSS VT-HC-NA BARE P/J,S AND LAST TWO JNTS OF 9-5/8" 53.5#, VM-95HCSS VT-HC-NA BARE CSG. FROM 7,973

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									Start	End	Start	End	
													FT TO 8,088 FT, TAGGED BTM WITH 20 KLB - CHART ALL CONNECTIONS WITH JAM UNIT TO OPT TRQ OF 23,150 LB-FT. FOR 53.5#, VT-HC-NA CONNECTIONS. - WASHED DOWN USING 3 BPM, - MAX PRESSURE OBSERVED 600 PSI, PRESSURE STABLE AT 285 PSI AT 6 BPM - 199 / 199 TOTAL JTS IN THE HOLE.
2130 - 2230	1	0	12	N	CSG	CIRC	MPMP	RIG	8088	8088			CIRCULATE HOLE AND SHAKERS CLEAN UNTILL PRESSURES STABLE. - STAGED UP PUMP RATE FROM 3 TO 6 BPM IN STAGES ENSURING STABLE PRESSURE BEFORE INCREASING PUMP RATE EACH TIME. - PRESSURE STABILIZED AT 285 PSI WITH 6 BPM. - NO LOSSES OBSERVED.
2230 - 2300	0.5	0	12	N	CSG	SET	FMH	CAM	8088	8088			SPACE OUT FOR FMH BY POOH AND L/D 2 JTS OF CSG, - MONITOR WELL WITH TRIP TANK - OK
2300 - 0015	1.25	0	12	N	CSG	SET	FMH	CAM	8088	8088			P/U, M/U AND RIH W/ 9-5/8" FMH AND LANDING JOINT, WASH IN AND LAND FMH IN CASING SPOOL. - LANDING FMH IN TO CHS CONFIRMED BY CIW WLLHEAD ENGINEER. - CIW 9 5/8" FMH CSG HANGER (S/N: 122202960002; P/N: 2345254-09-03).
0015 - 0330	3.25	0	12	N	CSG	CIRC	MPMP	RIG	8088	8088			CIRCULATE WITH 6 BPM UNTILL PRESSURES STABLE. - STAGED UP PUMP RATE FROM 3 TO 6 BPM IN STAGES ENSURING STABLE PRESSURE BEFORE INCREASING PUMP RATE EACH TIME. - PRESSURE STABILIZED AT 390 PSI WITH 6 BPM. - NO LOSSES OBSERVED. - HELD PRE-JOB SAFETY MEETING WITH RIG CREW AND ALL INVOLVED PERSONNEL - CMT FIRST STAGE.
0330 - 0400	0.5	0	12	N	CSG	CMC	CSG	SCM	8088	8088			RIG UP CEMENT HEAD AND CONECT PUMPING IRON, PRESSURE TEST CEMENTING LINES TO 500 / 5,000 PSI. GOOD TEST.
0400 - 0459	1	0	12	N	CSG	CMC	CSG	SCM	8088	8088			PERFORM 9-5/8" CASING 1ST STAGE CEMENT JOB...ON GOING AT RPT TIME - RIG PUMPED 150 BBL OF 90 PCF OF MUDPUSH II SPACER AT 6 BPM. - DROP BTM. BY-PASS PLUG. - CMT UNIT FLY MIXED AND PUMPED 199 BBL OF 95 PCF LEAD CMT SLURRY AT 6 BPM.

Foreman Remarks

UTMN-3268 MK1 DESIGN, PLANNED TO PRE-SET THE 4-1/2" LINER INSIDE KHUFF-B CARBONATE (KFBC) WITH CONVENTIONAL DRILLING RIG. THE MULTI-LATERALS HORIZONTAL SECTIONS SHALL BE DRILLED WITH AN UNDERBALANCED COILED TUBING DRILLING (UBCTD) TARGETING KHUFF-B RESERVOIR AT A LATER STAGE. THE WELL WILL BE COMPLETED WITH 10K CEMENTED LINER.

===== ERP NON POPULATED AREA ==========
>> UTMN-3268 NON POPULATED AREA ERP.
>> UTMN-3268 RER: 1/2 LFL = 190 M; 100 PPM = 514 M; 30 PPM = 1,448 M.
>> SGA#1: 1.94KM NE; SGA#2: 1.94 KM S.
>> NEAREST HOSPITAL: UDHL HEALTH CENTER: 5.9 KM.
>> NEARBY WELLS WITHIN 100 PPM: UTMN-1550 (0.42 KM NW) (OPERATING OIL) / UTMN-1837 (0.12 KM NE) (SHUT-IN) : STANDALONE H2S/LEL SENSORS ARE INSTALLED.
>> RELIEF WELL: UTMN-1841 (1.52KM) NW.
>> NEARBY FACILITIES: NONE.

==== PERSONNEL ON LOCATION =====
>> ARAMCO MATERIAL EXP. SULTAN GAHTANI# 8556289 ON LOCATION SINCE 01/15/2026.
>> ARAMCO FCT HUSSAIN AL EID #818139 ON LOCATION SINCE 01/21/2026.

=====ARAMCO SERVICES ON LOCATION====
>> SINOPEC H2S DETECTION ENGINEER ON LOCATION SINCE 12/31/25.

=========SERVICE PERSONNEL==========
>> IDS WSL: DAY: SULTAN / NIGHT: TANKATCHAN
>> ADC TOOLPUSHERS: RYAD & RAFIK.

=========RIG VISIT==========

==========HSE========
PRESENTED AND DISCUSSED WSM FOR THIS WEEK.
DISCUSSED ARAMCO HSE ALERTS.
DISCUSSED HAZCOM GI.150.100 AND LABELING.
DISCUSSED AD LSR - LINE OF FIRE.
DISCUSSED CURRENT OPERATION HAZARDS RELATED AND PRECAUTIONS TO BE CONSIDERED.
REMINDED EVERYONE REGARDING SWA POLICY

>> DWLTI : 2767

>> NEAR MISS: N/A
>> DRILLS: 2X FIRE PUMP TEST DRILLS.
>> INSPECTION: FIRE EQUIPMENT INSPECTION, PORTABLE GAS DETECTION INSPECTION.

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>> TOTAL STOP CARDS: TOTAL STOP CARDS: 25 (UNSAFE ACTS - 9, UNSAFE CONDITIONS - 7, POSITIVE HSE CULTURE - 5)
>> SWA: 1

========AUDITS========
>> 1ST RSI TOTAL ACTION ITEM: 36 ITEMS, CLOSED 35 ------- OPEN ITEM: 1
>> LPD OCT.25 , TOTAL ACTION ITEM : 18 , CLOSED 17 -------OPEN ITEM: 1

=====COST OPTIMIZATION & WATER CONSERVATION =====
>> RECYCLE WATER FOR CUTTINGS DITCH AND MUD TANK CLEANING

====== VACUUM TANKERS ===========
ABDULMOHSEN ALTAMIMI CONTRACTING DRSS 3000379640
TOTAL LOADS TODAY - 4
TOTAL LOADS FOR WELL - 12

========= RIG MANPOWER =====
>> DAY SHIFT SHORTAGE: 00 FLOORMAN + 00 ROUSTABOUT (GREEN HAT).
>> NIGHT SHIFT SHORTAGE: 00 FLOORMAN + 00 ROUSTABOUT (GREEN HAT).

=======NEXT LOCATION==========
>> CHANGED TO UTMN-3192
>> 100% COMPLETE BUT NEEDS REPAIR

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	8,088	2.4	219	0	8,083	-62.74	-15.17	211.79	0.01

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	8	0 Volts	3.68	10	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	4.2HTHP	76	16	0.1	6 / 9	WBM-KCL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
50	1	13	16	6 / 7	2.5	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	8	0 Volts	3.68	10	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	4.2HTHP	76	21	0.1	8 / 10	WBM-KCL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	1	24	16	8 / 9	2.5	320	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	0	832.52	5 1/2 FH	5 1/2 FH	24.7	103,287.825	G105	PREM	ON FILE
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	275	832.52	XT54	XT54	53.3	103,287.825		CONV	
14	Crossover	RIG	8.5	1	8.5	2.813	2.57	557.52	6 5/8 REG	XT54	140	88,630.325			1542
13	Drillcollar	RIG	8.5	3	8.5	3	90.25	554.95	6 5/8 REG	6 5/8 REG	156	88,270.525		SPRL	
12	Hydraulic Jar	SJS	8.5	1	8.5		33.12	464.7			110	74,191.525			56864GA
11	Drillcollar	RIG	8.5	11	8.5	2.813	329	431.58	6 5/8 REG	6 5/8 REG	166	70,548.325		SPRL	ON FILE
10	PBL (Multiple Activation By Pass)	DSI	9.5	1	9.5	3.5	8.41	102.58	7 7/8 REG	7 5/8 REG	221	15,934.325			95080326
9	Filter Sub	SDM	9.5	1	9.5	3	7.37	94.17	7 7/8 REG	7 5/8 REG	221	14,075.715			9508023
8	Float Sub	SDM	9.5	1	9.5	3.75	1.85	86.8	H90	7 5/8 REG	198	12,446.945			96352
7	Stabilizer	RIG	11.875	1	8.25	3	5.28	84.95	6 5/8 REG	6 5/8 REG	150	12,080.645			56389
6	Saver Sub	SDM	11.812	1	8.375	2.875	1.19	79.67	6 5/8 REG	6 5/8 REG	120	11,288.645			7854
5	Measurement While Drilling (MWD)	SDM	9.5	1	9.5		30.41	78.48	7-5/8 REG	7-5/8 REG	188.5	11,145.845			G8605
4	Saver Sub	SDM	9.5	1	9.5	3.5	0.86	48.07	7 5/8 H90	7 5/8 REG	221	5,413.56			5739382
3	Stabilizer	RIG	11.875	1	8.25	3	6	47.21	6 5/8 REG	6 5/8 REG	140	5,223.5			5854
2	Mud Motor	SDM	11.5	1	11.5		39.85	41.21			110	4,383.5			962-55-0023
1	Bit	SMT	12	1	12		1.36	1.36				0			SA01307

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	SEASONAL	N/A	SEASONAL	2,766	PRE-TOUR MEETING X 2

PERSONNEL AND SERVICES INFORMATION

Company	TSC	ITS	SCC	WDV	SDM	RIG	SMI	SNS	SET	TUB	TK3	RIG	ARM	SCM	MI2	TK3	ARM	CAM	GEP
Category	CSV	CSR	CTRG	DV	DPDS	RIG	DFMS	H2S	ISPCT	ISPCT	OTHR	OTHR	OTHR	PCS	SCS	WSC	WSC	WHES	WHES
No. of Persons	3	5	13	1	1	38	2	1	4	3	1	19	2	3	1	2	1	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

Total 102

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LIMITED MORNING REPORT

UTMN-3268 DEVELOPMENT DRILLING BI-60

12/25/2025 - 02/27/2026

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	Operating Hours.	0	0	0	0	0	24	24	24	12	12	12	24	12	24	12	24	24	12	12

TRUCKS/BOATS	Standby/Tankers	Others
	E-914	RIG AMBULANCE

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	1000	500	310	N/A	N/A	2400

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HWYH-1401 DEVELOPMENT DRILLING BI-60

11/22/2025 - 02/03/2026

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ADC-66L @ HWYH-1401 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-66L
Well: HWYH-1401
Wellbores: (0) HWYH_1401_0

Charge #: (66-24053-1401)
Wellbores: (0) HWYH_1401_0

Objective : (MK1 DESIGN WITH A VERTICAL PROFILE TO KFDA TARGETING KHUFF-C RESERVOIR)

Foreman(s): ELSHERIDY, AHMED SAAD / CAMPBELL, KEVIN RUSSELL
Engineer: TOKTABOLAT, ZHAZAR
Manager: NAJIM, KHALID YOUSEF

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 543	577-3975	577-3597
OTHER VSAT	OTHER VSAT	OTHER VSAT
013-664-88 04 IDS	013-829-77 66 ADC	013-829-76 69 CLINIC
CONTRACTOR /CLERK VSA T		
577-9352		

Last 24 hr operations: PERFORM NEGATIVE TEST FOR 4-1/2" TOL. REV OUT WATER. SHEAR THRU. PERFORM POLISH MILL RUN & CLEAN OUT OPS

Next 24 hr plan: CLEAN OUT OPS, DISPLACE WELL TO KILL BRINE. PERFORM POSITIVE PT. POOH & LD SPS C/O BHA. SECURE WELL & CHANGE RAMS. PT BOP.

Location: HWYH-1401
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,700	9 5/8	11314	11314	4 1/2	13,270	14,700	14,700

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14700	59 (11/30/2025@0530)	100	0	171	170

Formation Tops

Formations	Top Depth	Comments
KFB4	13,513	13' SHALLOWER
KFB3	13,545	17' SHALLOWER
KFBC	13,564	7' SHALLOWER
KFB2	13,565	13' SHALLOWER
KFB1	13,602	4' SHALLOWER
KC09	13,806	24' SHALLOWER
KC08	13,839	23' SHALLOWER
KC07	13,881	21' SHALLOWER
KC06	13,903	21' SHALLOWER
KC05	13,969	23' SHALLOWER
KFDA	14,332	24' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0930	4.5	0	EOW	C	CT	PTST	MPMP	RIG	14700	14700			PERFORM NEGATIVE TEST AT 4-1/2" TOL. - MONITOR ANNULUS LEVEL, STATIC. - SHARE HORNER PLOT WITH TOWN & RECEIVE CONFIRMATION TO END TEST - GOOD TEST. - MEANWHILE: HELD PJSM PRIOR TO UN-SET PACKER AND REVERSE OUT WATER
0930 - 1130	2	0	EOW	C	CT	CIRC	MPMP	RIG	14700	14700			PRESSURE UP STRING AND EQUALIZE DIFF PRESS TO 2600 PSI: - UNSET WC BY P/U TO NEUTRAL WEIGHT. ALLOW PACKER ELEMENT TO RELAX FOR 10 MINUTES. - P/U STRING BY 10 FT & OBSERVE FREE MOVEMENT. - REVERSE OUT WATER FROM STRING WITH 90 PCF MUD
1130 - 1145	0.25	0	EOW	C	CT	WCNT	NA	RIG	14700	14700			CHECK WELL FOR FLOW - STATIC.
1145 - 1245	1	0	EOW	C	CT	HT	STRG	RIG	14700	14700			L/D TEST ASSY: 2X PJ + FOSV + SIDE ENTRY SUB + PJ + HARD LINES.
1245 - 1430	1.75	0	EOW	C	CT	CIRC	MPMP	RIG	14700	14700			DROP 1.625" BALL AND WAIT UNTIL LAND IN WC, INCREASE PRESSURE TO 1100 PSI (CLEAR SHEAR INDICATION). - CONTINUE BY TAGGING 7" TOL WITH WC AND CONFIRM GOOD SHEAR. (DISENGAGE OUTER COMPONENTS FROM MANDREL) - RECORD PARAMETERS. - UNDER MI-SPS SUPERVISION.
1430 - 1530	1	0	EOW	C	CT	RW	BIT	RIG	14700	14700	14320	14513	POLISH 4-1/2" TOL AS PER SLB CPL PROCEDURE: - REAM-DOWN, TAG AND DRESS 4-1/2" TOL @ 13270 FT WITH GOOD INDICATION OF POLISH SEVERAL TIMES - FR: 3-5 BPM,SPP: 4000 PSI, WOB: MAX 10 KLB, RPM: 30-40, TQ: 3-5 KLB-FT - REACH PBTD @ 14513 FT
1530 - 1900	3.5	0	EOW	C	CT	CIRC	MPMP	RIG	14700	14700			PUMP 50 BBL HI-VIS & CIRCULATE 2X BTMS UP.
1900 - 2300	4	0	EOW	C	CT	CIRC	MPMP	RIG	14700	14700			DISPLACE WELL TO FILTERED WATER: - PUMP 50 BBL OF HI-VIS OBM + 60 BBL OF DIESEL + 50 BBL OF HI-VIS BRINE SPACER (11 PH) + 80 BBL OF CLEAN-UP PILL (SURFACTANT 10%) + 50 BBL OF HI-VIS BRINE SPACER (11 PH). DISPLACE WELL WITH CLEAN FILTER WATER UNTIL IN/OUT WATER (2-7 BPM) - RECORD NEW PARAMETERS. - COLLECT 90 PCF OBM IN ISOLATE TANKS (DUMPED ALL PILLS).
2300 - 0000	1	0	EOW	C	CT	CIRC	MPMP	RIG	14700	14700			CLEAN-OUT SURFACE LINES/SYSTEM: - PUMP 200 BBLS PICKLING FLUID (200 BBL FILTERED WATER + 1 DRUM CCT-3000D) & CIRCULATE WITH MAX RATE THROUGH ALL SURFACE SYSTEM: MUD PUMPS, LINES (MIXING HOPPERS, HP SURFACE LINES, KILL, CHOKE, TDS, HARD LINES & CHICSANS), VALVES, FOSV'S, SES, CHOKE MANIFOLD, MGS, TRIP TANKS.

LIMITED MORNING REPORT

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HWYH-1401 DEVELOPMENT DRILLING BI-60

11/22/2025 - 02/03/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0000 - 0459	5	0	EOW	C	CT	CIRC	MPMP	RIG	14700	14700			PERFORM CSG PICKLING: - PUMP 50 BBLS HI-VIS AHEAD FOLLOWED BY 150 BBL OF LEAD TRANSITION SPACER + 54 BBL OF CCT-3000D SOLUTION + 75 BBL HI-VIS SPACER. - DISPLACE PILLS WITH FILTERED WATER 2X BTMS UP & CONT CIRC UNTIL READINGS AS PER PROGRAM (3 READINGS AT 30 MIN APART FOR NTU<50 AND TSS<0.05%): * SAMPLE #1= 46 AND 0.02%. * SAMPLE #2= 41 AND 0.02%. * SAMPLE #3= 28 AND 0.01%.

Foreman Remarks

WELL HWYH-1401 IS PLANNED TO BE DRILLED AS MK1 DESIGN WITH A VERTICAL PROFILE TO KFDA TARGETING KHUFF-C RESERVOIR AS PRIMARY AND KHUFF-B AS SECONDARY TARGET, AND WILL BE COMPLETED WITH 15K CEMENTED LINER.
========== ARAMCO PERSONNEL==========
- ALHELAL, FAISSAL MATERIAL EXPEDITOR #8505256 OFF LOCATION ON 12/29/2025
- BELGACEM BECHA #177506, SGGDD ARAMCO FOREMAN ON LOCATION SINCE 01/14/2026
- ALAYESH, HUSSAIN A #818382, ARAMCO MATERIAL EXPEDITER ON LOCATION ON 01/14/26
========== IDS PERSONNEL ==========
- WSL: OSVALDO/ NWSL: LACINER
========== ARAMCO SERVICES PERSONNEL ==========
-
==========RIG VISIT==========
-ADC-66L RIG MGR SAFIA BOUROUGAA #120913 VISITED RIG ON 12/29/2025.
-ADC QHSE MOHAMMED ALGUDAIHI #113021 VISITED RIG FOR HAND FREE TOOLS SESSIONS ON 12/30/2025.
-ADC QHSE AMR MORTADA#121150 VISITED RIG FOR HAND FREE TOOLS SESSIONS ON 12/30/2025.
========== HSE ==========
WEEKLY SAFETY MEETING
- HANDS FREE TOOLS CAMPAIGN
- HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
- HSE TOPIC: WATER CONSERVATION AND VULNERABLE WATER
SHARED: BEST STOP CARD, NEAR MISSES
SHARED: STOP CARD ABOUT UNSAFE ACT AND UNSAFE CONDITION
RANDOM CHECK OF THE PTW.

STOP CARDS
TOTAL 7
SAFE ACT 1
UNSAFE ACT 3
UNSAFE CONDITION 3

TIME OUT FOR SAFETY

TOFS-1: STOP WORK AUTHORITY HAS BEEN APPLIED BY R/A PUSHER DUE TO OBSERVE EMPLOYEE WAS IN WRONG POSITION WHILE ANOTHER WORKER WAS USING SLEDGE HAMMER.

TIME OUT FOR SAFETY HAS BEEN CONDUCTED WITH ALL TEAM INVOLVED IN THE JOB TO DISCUSS POTENTIAL HAZARDS OF LINE OF FIRE.

TOFS-2: STOP WORK AUTHORITY HAS BEEN APPLIED BY DRILLER DUE TO OBSERVED A CREW MEMBER CLEANING THE RIG FLOOR USING HP CLEANER GUN AND FACE SHIELD IS NOT PROPERLY USED IN HIS FACE.

TIME OUT FOR SAFETY HAS BEEN CONDUCTED WITH ALL TEAM INVOLVED IN THE JOB TO DISCUSS HAZARDS AND ASKED TO WEAR THE FACE SHIELD IN PROPER WAY.

DRILLS
FIRE DRILL - 1
FIRE PUMP DRILL - 1

INSPECTIONS
GAS DETECTION EQUIP - 1

DWLTI: 2818
========== HSE AUDITS ==========
- 2ND HALF HAZCOM AUDIT ON 11/15/2025, TOTAL/CLOSED/OPEN FINDINGS: 26/ 25 / 1.
- 1ST HALF CEHA AUDIT ON 01/06/2026, TOTAL/CLOSED/OPEN FINDINGS: 26 / 22 / 4.
========== DIESEL CONSUMED F/ OBM==========
- CONSUMED / TOTAL ASSIGNED DIESEL FOR OBM: 1,200/ 1,300 BBLS.
========== NEXT WELL ==========
- HWYH-1419.
========== VACCUM TANKER ==========
- 2 VACUUM TANKERS TUWAIRESH CONTRACTING ARRIVED ON LOCATION SINCE 12/23/2025 (DRSS # 3000367427)
- 2 VACUUM TANKERS TUWAIRESH CONTRACTING ARRIVED ON LOCATION SINCE 01/25/2026 (DRSS # 3000379858)

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	14,700	9.2	356.8	0	14,683	92.78	-39.97	331.45	0.47

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	0	0 Volts	0	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	99.95	1	0	0 / 0	CACLBR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
	0	0	0.05	0 / 0	0	0	0

LIMITED MORNING REPORT

HWYH-1401 DEVELOPMENT DRILLING BI-60

11/22/2025 - 02/03/2026

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Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	0	0 Volts	0	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	99.95	1	0	0 / 0	CACLBR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	0.05	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	01/02/2026	SEASONAL	N/A	SEASONAL	2,819	EACH CREW DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SLH	SCC	RIG	SMI	TK3	RIG	TK3	ARM	MIW
Category	LHES	CTRG	RIG	DFMS	OTHR	OTHR	WSC	WSC	WBCS
No. of Persons	1	14	39	2	4	19	3	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	12	0	24	24	12	12	24	24	24

Total
86

TRUCKS/BOATS

Standby/Tankers
aramco truck (F401)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	385	165	58	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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UTMN-2364 DEVELOPMENT DRILLING BI-60

11/10/2025 - 02/05/2026

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ADC-67L @ UTMN-2364 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADC-67L
Well: UTMN-2364
Wellbores: (0-1) UTMN_2364_1

Charge #: (66-24057-2364)
Wellbores: (0-1) UTMN_2364_1

Objective : (MK1 VERTICAL TO KHUFF RESERVOIR AS PRIMARY TARGET, PRE-KHUFF-SECONDARY)

Foreman(s) OUAFFI, MOHAMED AMINE
Engineer ZAHID, SALMAN
Manager HAJRI, HEZAM HAIYEN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0882-167-7 712544	577-3957	664 8806 S LB IDS
OTHER VSAT	OTHER VSAT	CONTRACTOR /CLERK VSA T
829 7667 M OH MEDIC	829 7767 A DC	577-3592

Last 24 hr operations
CONT. POOH W/ 12" BHA TO CSG SHOE. BULLHEAD 124 PCF AT SHOE. POOH 12" PERFORMANCE BHA TO 930FT. RETRIEVED WFD RCD BEARING. POOH & L/D BHA.

Next 24 hr plan
RETRIEVE W.B. CHANGE & P/T 9 5/8" CSG RAMS, PERFORM FMH DUMMY RUN. RIH 9 5/8" CASING STRING.

Location
UTMN-2364 LOCATED 164 KM FROM DHAHRAN MAIN GATE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,529	13 3/8	4440	4440				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10529	68.5 (11/20/2025@1700)	0	0	165	164

Formation Tops

Formations	Top Depth	Comments
BYDH	4,140	5' SHALLOWER
MDTM	5,044	15' SHALLOWER
SULY	5,544	40' SHALLOWER
HITH	6,168	6' TVD SHALLOWER
ABAR	6,626	4' TVD SHALLOWER
ARBB	6,667	8' TVD SHALLOWER
ARBC	6,753	15' TVD SHALLOWER
ABCR	6,851	5' TVD SHALLOWER
ARBD	6,960	14' TVD SHALLOWER
PADS	7,071	20' TVD SHALLOWER
ABDR	7,111	16' TVD SHALLOWER
BADR	7,405	20' TVD SHALLOWER
HNIF	7,930	23' TVD SHALLOWER
UHFR	7,942	27' TVD SHALLOWER
TQMN	8,286	7' TVD SHALLOWER
HDRR	8,292	2' TVD SHALLOWER
LFDR	8,556	17' TVD SHALLOWER
BLFR	8,690	26' TVD SHALLOWER
MRRT	9,426	20' TVD SHALLOWER
MNJR	9,712	37' TVD SHALLOWER
JILH	10,046	51' TVD SHALLOWER
JLDM	10,342	12' TVD SHALLOWER
BJDM	10,499	18' TVD SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0845	3.75	0-1	12	N	DRLG	TO	MPD	RIG	10529	10529	8350	5482	STRIPPED OUT BHA FROM OH ON ELEVATOR F/ 8,350 FT TO 5,482 FT - CONT. SPOT 114 PCF CSG GO PILL IN OPEN HOLE TO LSZ PER STAGES. - OPEN HOLE IN GOOD CONDITION UP TO 5,482 FT - OBSERVED TIGHT SPOT AT 5482 FT
0845 - 1745	9	0-1	12	N	DRLG	BR	STRG	RIG	10529	10529	5482	4440	BACK REAMING TIGHT HOLE W/ 12" PERFORMANCE BHA FROM 5,482 FT TO 4,440 FT (CSG SHOE) . - HARD BACK REAMING 5,482 FT-5,388 FT, 5,162 FT-5146 FT, 4,997 FT-4,907 FT - FR 450 - 680 GPM, SPP . 1950-2350 PSI , RPM 60, TQ , 4-16 KLBS.FT
1745 - 1915	1.5	0-1	12	N	DRLG	ST	STDP	RIG	10529	10529	4440	5675	PERFORMED SHORT TRIP : - SIH BACK W/ 12" PERFORMANCE BHA FROM CSG SHOE 4,440 FT TILL BELOW LOSS ZONE AT 5,675 FT TO CHECK FREE PASS - NO HELD UP.
1915 - 2045	1.5	0-1	12	N	DRLG	ST	STDP	RIG	10529	10529	5675	4440	PERFORMED SHORT TRIP : SOOH W/ 12" PERFORMANCE BHA ON ELEVATOR FROM 5675 FT TO CSG SHOE AT 4440 FT. - NO O/P
2045 - 2130	0.75	0-1	12	N	DRLG	CIRC	MPMP	RIG	10529	10529			BULLHEAD IN ANNULUS FROM SHOE TO LSZ WITH 180 BBL 124 PCF MUD CAP - SBP 190 PSI.
2130 - 0030	3	0-1	12	N	DRLG	TO	MPD	RIG	10529	10529	4440	930	CONT. SOOH W/12" PERFORMANCE BHA FROM 4,440 FT TO 930 FT. - PUMPING THROUGH ANNULUS 2 BPM MUD CAP 124 PCF.
0030 - 0130	1	0-1	12	N	BOP	ND	RCD	WUD	10529	10529			HELD PJSM. REMOVED WEATHERFORD BEARING ASSY. ON THE LAST STD D/P - SBP 0 PSI. - PUMPING THROUGH ANNULUS 2 BPM MUD CAP 124 PCF.
0130 - 0459	3.5	0-1	12	N	DRLG	HT	BHA	RIG	10529	10529			HELD PJSM. POOH & L/D 12" PERFORMANCE BHA FROM 930 FT TO SURFACE AS BELOW:

LIMITED MORNING REPORT

UTMN-2364 DEVELOPMENT DRILLING BI-60

11/10/2025 - 02/05/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- R/B 3 STDS OF 5-1/2" HWDP. - R/B 5 STD 8-1/2" DC W/ JAR - L/D 8-1/4" PBL SUB , 11-7/8" STRING STAB , - FILTER SUB & FLOAT SUBS, MWD, MOTOR, BIT - PUMPING THROUGH ANNULUS 2 BPM MUD CAP 124 PCF.\

Foreman Remarks

THE WELL IS PLANNED TO BE DRILLED AS MK1 VERTICAL PROFILE DEEPENED TO PRE-KHUFF TO EVALUATE ITS DEVELOPMENT IN THE AREA, WITH KHUFF RESERVOIR AS THE PRIMARY TARGET AND PRE-KHUFF AS THE SECONDARY TARGET. THE WELL WILL BE COMPLETED WITH 15K CEMENTED LINER. A SEPARATE SUPPLEMENT WILL BE ISSUED TO COVER THE COMPLETION DETAILS.
==========SPUD MEETING ==========
> PRE-SPUD MEETING FOR UTMN-2364 HELD ON 11/17/2025 AT ADC-67, ATTENDED BY RIG TEAM, SLB IDS TEAM, ARAMCO FOREMAN & ARAMCO DE.
==========ARAMCO PERSONNEL==========
>> AHMED AL-ALI #8334174 ARAMCO MATERIAL EXPEDITER OFF LOCATION FROM 01/15/2025
==========IDS/ADC PERSONNEL ==========
>> IDS SUPERVISORS: DAY / MAHER - NIGHT / FAHAD
>> ADC TOOL PUSHERS: AHMED / KHALED
==========LAST CONTRACTOR VISIT, IDS & ADC ==========
- ADC HSE MANAGER - 08/27/2025.
- ADC-67 RIG MANAGER - 01/13/2026.
- SLB OPERATION MANAGER- 12/22/2025.
- SLB HSE MANAGER- 12/22/2025.
- SLB OPERATION MANAGER- 12/22/2025.
- SLB PROJECT MANAGER- 01/22/2026.
==========SERVICE COMPANIES ==========
>> SINOPEC OPERATOR FOR H2S STANDALONE SENSORS ON LOCATION & COMPLETED R/U FROM 11/17/2025
==========HSE==========
PRE TOUR MEETING :
- DISCUSS PRE TOUR MEETING . (DISCUSS - ALERT FROM ARAMCO.).
- SHARE ALERT = HSE ALERT - 09-26 - TRUCK ROLLOVER / HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION / HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED
- WEEKLY - GAS DETECTION/ GUARD RAIL INSPECTION.
- WEEKLY SAFETY MEETING .
- TOPIC OF THE DAY: LAST SESSION FOR HAND FREE TOOLS.
- EMPOWERMENT OF STOP WORK AUTHORITY / LINE OF FIRE HAZARDS REMINDED
- PARTICIPATING IN STOP CARDS , DISCUSSED STOP CARD WITH CREW

>> INSPECTIONS:
>> DRILLS:
>> NEAR MISS:
==========AUDITS & INSPECTIONS==========
>> 1ST QSI 2025: TOTAL FINDINGS 24 , OPEN 00.
>> 2ND QSI 2025: TOTAL FINDINGS 29 , OPEN 00.
>> GAP ANALYSIS (SEP-2025): 95 %
>> RHSEI (24-MARCH-2025) : TOTAL FINDINGS 22 , OPEN 0.
>> WCI (24-MARCH-2025) : TOTAL FINDINGS 09 , OPEN 0.
>> CEHA (24-AUG-25) : TOTAL 21, OPEN 0.
>> LPD (15-JAN-25): TOTAL FINDINGS 23 , OPEN 00.
>> PTW & LOTO AUDIT: 94%.
==========SGGDD COST OPTIMIZATION==========
>> KILL MUD: NOT PROVIDED BY SAUDI ARAMCO, LSTK RIG.
>> FRAC TANK: NOT PROVIDED BY SAUDI ARAMCO, LSTK RIG.
>> ACID FOR STUCK PIPE: NOT PROVIDED BY ARAMCO, LSTK RIG.
==========SENSOR OFFSET FROM BIT==========

==========MUD RECIEVED FROM ARAMCO FACILITIES==========
>> WBM 93 PCF RECIEVED FROM HRDH MUD PLANT: 2000 BBLS.
>> WBM 100 PCF RECIEVED FROM HRDH MUD PLANT: 4000 BBLS.
>> WBM 84 PCF RECIEVED FROM HRDH MUD PLANT: 450BBL
>> WBM 85 PCF RECIEVED FROM RIG M1212 : 600 BBLS.
>> WBM 81 PCF RECIEVED FROM RIG ADES-799 : 1000 BBLS.
>> WBM 76 PCF RECIEVED FROM RIG ADES-799 : 500 BBLS
>> 07 BARITE BULKER LOADS FROM RIG SP-98 : 137 TON
>> WBM 80 PCF RECIEVED FROM RIG SND-2021 : 1000 BBLS.
>> WBM 99 PCF RECIEVED FROM RIG NBR-575 : 200 BBLS.
>> WBM 85 PCF RECIEVED FROM RIG PA-622 : 640 BBLS.
>> WBM 98 PCF RECIEVED FROM RIG SND-2016 : 1100 BBLS.
==========VACUUM TANKERS==========
>> 01 STANDBY VACUUM TANKER (AJINAH): DRSS # 3000369925 FOR JAN-26
==========DIESEL CONSUMED F/OBM==========
>>TOTAL APPROVED QUANTITY IS 1800 BBLS WHICH WILL BE 9 LOADS. TOTAL REQUESTED 04 LOADS. TOTAL RECEIVED 03 LOADS.
>> DAILY DIESEL CONSUMPTION FOR ENGI(RIG+CAMP): 64 BBLS.
==========REMARKS==========
- >> WATER WELLS: UTMN-900 / UTMN-940
==========NEXT WELL==========
>> UTMN-3262 / WATER WELL ASSIGNED UTMN-864/938

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	10,529	2	279	0	10,525	3.53	8.75	30.95	0.02

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
124 PCF	0	9.8API	0	0 Volts	2.52	10	75,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt

LIMITED MORNING REPORT

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UTMN-2364 DEVELOPMENT DRILLING BI-60

11/10/2025 - 02/05/2026

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MUD DATA

0	0HTHP	67	31	0	10 / 15	NCPOL	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
66	1	39	33	9 / 11	5	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
124 PCF	0	9.6API	0	0 Volts	2.52	9.6	75,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	0HTHP	67	30	0	10 / 15	NCPOL	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
67	1	40	33	9 / 11	5	280	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
10	7,929	10,529	DP Av	DC Av	Bit HHP	30	60	M423	12	SMT
Pressure	GPM	Jet Vel	165.91	263.03	94	I-Row	O-Row	DC	Location	Bearings
2,864	770	165				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
01702	BX716SC	10 x 14 /	1.503							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs							
Y	101	320	320	310	16,000	Shock Sub Serial	Shock Sub Hrs							
							0							
Mud Motor Seria	Mud Motor Hrs													
	0													

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5.5	1	5.5	4.67	0	844.97	XT54	XT54	24.7	97,398.716	CYX105	PREM	
16	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	278.41	844.97	XT54	XT54	61.6	97,398.716		CONV	
15	Crossover	RIG	8.5	1	8.5	2.813	3.4	566.56	XT54	6 5/8 REG	156	80,248.66			111
14	Drillcollar	RIG	8.5	3	8.5	3	91.87	563.16	6 5/8 REG	6 5/8 REG	156	79,718.26		SPRL	
13	Hydraulic Jar	SRT	8	1			32.68	471.29			156	65,386.54			AH80678
12	Drillcollar	RIG	8.5	11	8.5	3	334.75	438.61	6 5/8 REG	6 5/8 REG	156	60,288.46		SPRL	
11	PBL (Multiple Activation By Pass)	WWB	8	1	8	3.5	7.74	103.86	6 5/8 FH	6 5/8 REG	156	8,067.46			WES825BP387
10	FIlter Sub	SDM	8	1	8	3	6.14	96.12	6 5/8 REG	6 5/8 REG	1	6,860.02			800-8006
9	Float Sub	SDM	8.188	1	8.188	2.813	2.3	89.98	6 5/8 REG	6 5/8 REG	156	6,853.88			800-80023
8	Float Sub	SDM	8.188	1	8.188	2.813	2.3	87.68	6 5/8 REG	6 5/8 REG	156	6,495.08			11019689-1-6
7	Stabilizer	SDM	11.875	1	8.25	3	2.3	85.38	6 5/8 REG	6 5/8 REG	1	6,136.28			13070
6	Saver Sub	SDM	8.312	1	8.313	2.88	1.96	83.08	NC50	5 1/2 FH	0	6,133.98			UHSS SN: 5852872X1-3
5	Measurement While Drilling (MWD)	SDM	8.25	1	8.25		24.47	81.12			128	6,133.98			N000074
4	Saver Sub	SDM	8.406	1	8.406	3.188	24.47	56.65	6 5/8 REG	6 5/8 REG	1	3,001.82			50658-001
3	Stabilizer	SDM	11.875	1	8.25	3	1.35	32.18	6 5/8 REG	6 5/8 REG	1	2,977.35			BP12902
2	Mud Motor	SDM	11.5	1	11.5		29.76	30.83			100	2,976			B0209
1	Bit	SMT	12	1	12		1.07	1.07				0			01702

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	01/20/2026	SEASONAL	ONSHORE	SEASONAL	2,773	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SUW	WDV	RIG	SMI	SNS	WUD	TK3	RIG	ARM	TK3	ARM	CAM
Category	CTRG	DV	RIG	DFMS	H2S	MPD	OTHR	OTHR	OTHR	WSC	WSC	WHES
No. of Persons	13	1	37	2	1	4	7	18	1	3	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	24	12	24	12	24	24	24

Total
89

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
ARAMCO TRUCK (F107)	4X4 AMBULANCE	4X4 ADC CAR	BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
500	N/A	239	176	70	3250

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LIMITED MORNING REPORT

UTMN-2364 DEVELOPMENT DRILLING BI-60

11/10/2025 - 02/05/2026

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LIMITED MORNING REPORT

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KHRS-434 WORKOVER-1 BI-90

01/18/2026 - 02/05/2026

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ADES-13 @ KHRS-434 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADES-13
Well: KHRS-434
Wellbores: (0) KHRS_434_0

Charge #: (61-25051-0434)
Wellbores: (0) KHRS_434_0

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): ESSA, ABDULRAHMAN ANWAR / ALAMRI, FAWAZ DHAFER / DOSARI, ABDULAZIZ NASSER
Engineer: AHMED, IRSHAD
Manager: LAHLAH, AZZEDINE

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12823	577-3977	ARAMCO CLE RK / 577-3 590

CONTRACTOR /CLERK VSA T: TP OFFICE 810-2796

Last 24 hr operations: R/U ON KHRS-434.

Next 24 hr plan: R/U ON KHRS-434.

Location: 252 KM FROM DH MAIN GATE.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,909	9 5/8	5925	4798				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9909	0 (@)		0	252	252

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0	PRE	N	RM	RU	NA	RIG	9909	9909			HELD SAFETY MEETING WITH ALL ADES RIG CREW & RIG MOVERS, DISCUSSED CRANE SAFETY REQUIREMENTS, PPE, WORKING AT HEIGHTS, POSSIBLE HAZARDS INVOLVED, FIRE SAFETY, STOP WORK AUTHORITY AND UTILIZE GOOD COMMUNICATION. - R/D ON KHRS-461: 100%. - R/M TO KHRS-434: 100%. - R/U ON KHRS-434: 65%. ========== R/U OPERATION ========== - PIN MAST CROWN SECTION TO LOWER SECTION. - SPOOL DRILLING LINE THRU CROWN & TRAVELING BLOCKS. - SPOT MGS, CHOCK MANIFOLD & KOOMEY UNIT. - R/U FLARE & VENT LINES... ONGOING. - GENERAL R/U ON KHRS-434... ONGOING. ========== SECUREMENT ========== - KHRS-434 IS SECURED W/ INTERWELL 4-1/2" ME-PLUG @ 1000'. ========== FIRE INCIDENT FOLLOW UP ACTIONS: > REFURBISHMENT OF ROOM (R1) IN MINI-CAMP ON LOCATION.... ONGOING.
1700 - 0459	12	0	PRE	N	SUSP	OTH	NA	RIG	9909	9909			SUSPEND LIFTING OPERATIONS DURING NIGHT TIME.

Workover Objectives

Foreman Remarks

> DFC = XX FT
----------SAFETY----------
> HELD DAILY SAFETY MEETINGS WITH ALL INVOLVED PERSONNEL, DISCUSS JOB TASKS, CREW MEMBERS RESPONSIBILITIES & STRESS ON THE IMPORTANCE OF SWA.
> ETA FOR CENTRAL SMOKE DETECTION SYSTEM INSTALLATION AT 3/31/2026.
---------- AUDIT----------
> QSI (09/30/2025): FINDINGS: 54, CLOSED: 54 & OPEN: 0.
> RHSEI (04/10/2025): FINDINGS: 36, CLOSED: 36 & OPEN: 0.
> WC (05/02/2025): FINDINGS: 06, CLOSED: 06 & OPEN: 0.
> IN-HOUSE RSI (08/01/2025): FINDINGS: 37, CLOSED: 37 & OPEN: 0.
----------ARAMCO POB----------
> ARAMCO FCT METAB ALHARBI ID# 818299 ON LOCATION.
> ARAMCO ME HUSSAIN AHMED ID# 818699 ON LOCATION.
---------- ADES VISITORS ----------
> ADES SUPT. BORA TOKEL ON LOCATION FROM 1/26/2026.
----------NEXT LOCATIONS----------
> KHRS-75: KOM HELD BY SND-1201 ON 10/01/2025, STRIP OUT 100%, LOCATION 100%.
> KHRS-365: KOM DONE ON 1/25/2026, STRIP OUT 0%, LOCATION 0%.
> KHRS-394: KOM DONE ON 1/25/2026, STRIP OUT 0%, LOCATION 0%.
> KHRS-383: KOM DONE ON 1/25/2026, STRIP OUT 100%, LOCATION 0%.
> KHRS-311: KOM TBA.
> KHRS-195: KOM TBA.
> KHRS-556: KOM TBA.
> KHRS-1023: KOM TBA.
---------- MAIN-CAMP ----------
> MAIN CAMP CENTRALIZED ON KHRS-75 LOCATION (LATITUDE: 25.0165109 / LONGITUDE: 48.0719858 , 6 KM FROM RIG SITE).

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	

Username: YUAYANAL
Database: EPPR
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LIMITED MORNING REPORT

KHRS-434 WORKOVER-1 BI-90

01/18/2026 - 02/05/2026

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BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,300	RIG MOVE SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	OES	MJH	RIG	ARM	OTH	ARM
Category	CTRG	RIG	DFMS	SEC	OTHR	OTHR	VAC	WSC
No. of Persons	17	36	1	8	60	2	3	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	0	12	12	0	24

Total
130

TRUCKS/BOATS

Standby/Tankers	Others
B947	RIG AMBULANCE 4062/TBB

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
700	120	59	20	20	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HRDH-1473 WORKOVER-1 BI-60

11/28/2025 - 02/04/2026

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ADES-14 @ HRDH-1473 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADES-14
Well: HRDH-1473
Wellbores: (0-2) HRDH_1473_2

Charge #: (71-25058-1473)
Wellbores: (0-2) HRDH_1473_2

Objective : (SIDETRACK AND RE-COMPLETE THE WELL AS A SINGLE LATERAL OIL PRODUCER IN THE TOP GOOD POROSITY OF AD2A)

Foreman(s): HAJRI, EID MUBARAK / BOUSSALEM, HAROUNE / NAGMOSH, YASIR SAAD
Engineer Manager: AHMED, IRSHAD / LAHLAH, AZZEDINE

THURAYA	RIG FORMAN VSAT	MOBILE
8821677712 824	013577-398 0	T.PUSHER 0 13-810-278
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
013-577-93 58	TOOL PUSHE R 05430132 556	

Last 24 hr operations
PERFORM BOPE P/T, P/U & RIH WITH 6-1/8" STIFF REAMING ASSY, TO TOW, CUT & SLIP DRILLING LINE.

Next 24 hr plan
CONT. CUT & SLIP DRILLING LINE, N/D TRIPPING NIPPLE, R/U BEARING ASSY. DISPLACE MUD, RIH TO BTM, CHC, WIPER TRIP, CHC.

Location
269 KM FROM DHAHRAN MAIN GATE, 8.4KM SE FROM HRDH GOSP-3

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,737	9 5/8	3853	3853	7	1,882	8,341	6,797

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11737	51.6 (12/07/2025@1400)	100	0	269	278

Formation Tops

Formations	Top Depth	Comments
MDTM	4,707	6 FT SHALLOWER THAN TVD
SULY	5,250	15 FT SHALLOWER TAHN TVD
HITH	5,867	22 FT SHALLOWER THAN TVD
ABAR	6,708	23 FT SHALLOWER THAN TVD
ARBB	6,772	22 FT SHALLOWER THAN TVD
ABBR	6,889	13 FT SHALLOWER THAN TVD
ARBC	6,922	21 FT SHALLOWER THAN TVD
ABCR	7,125	24 FT SHALLOWER THAN TVD
ARBD	7,519	27 FT SHALLOWER THAN TVD
ADR1	8,121	21 FT SHALLOWER THAN TVD
AD2A	8,258	25 FT SHALLOWER THAN TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0845	3.75	0-2	6 1/8	N	DRLG	HT	BHA	BHI	11737	11737			RESUME POOH TO SURFACE WITH L/D 6-1/8" BHI RSS/LWD DIRECTIONAL DRLG ASSY. - MONITORING WELL THRU TRIP TANK- WELL STATIC.
0845 - 0915	0.5	0-2	6 1/8	N	DRLG	RR	TDS	RIG	11737	11737			SERVICE TDS. PERFORM DROP OBJECT SURVEY.
0915 - 0945	0.5	0-2	6 1/8	N	DRLG	OTH	NA	RIG	11737	11737			CLEAN & HOUSEKEEPING RIG FLOR.
0945 - 1115	1.5	0-2	6 1/8	N	WH	RTRV	WBSH	RIG	11737	11737			HPJSM, M/U RETRIEVING ASSY & RETRIEVE 11" DELTA WEAR BUSHING.
1115 - 1230	1.25	0-2	6 1/8	N	WH	OTH	NA	RIG	11737	11737			HPJSM, M/U BOP JETTING TOOL, WASHED & CLEANED BOP'S.
1230 - 1930	7	0-2	6 1/8	N	BOP	BOPT	BOP	RIG	11737	11737			HPJSM, M/U TEST PLUG & PERFORM FULL BOP PRESSURE TEST AGAINST 4" & 4-1/2" DP TO 300/2550 PSI AS PER ARAMCO STANDARDS. - P/T ANNULAR BOP TO 300/3000 PSI - PERFORM ACCUMULATOR DRILL. - TEST WITNESSED BY ARAMCO FOREMAN. - L/D BOP TEST ASSY.
1930 - 2045	1.25	0-2	6 1/8	N	WH	SET	WBSH	RIG	11737	11737			HPJSM, P/U DELTA WEAR BUSHING RUNNING TOOL ASSY, INSTALL 11" DELTA WEAR BUSHING, LAY DOWN ASSY.
2045 - 0015	3.5	0-2	6 1/8	N	CT	HT	BHA	RIG	11737	11737			HPJSM, P/U, M/U & RIH WITH 6-1/8" STIFF REMING BHA TO 466' AS FOLLOW. - 6-1/8" WELDED CONE BIT, NBR, 4-3/4" PONY DC, STR, MPD FLOAT SUB, 4-3/4' DC, MPD FLOAT SUB, XO, 06X 4" HWDP, DLR, 3X 4" HWDP, 4-3/4" HMJ, 3X 4" HWDP. - P/U NESR 4-3/4" NOV DLR @ 23:00, P/U NESR 4-3/4" DRLG JAR SN: GE-DJ-00024 @ 00:30. - MONITORING WELL THRU TRIP TANK- WELL STATIC.
0015 - 0245	2.5	0-2	6 1/8	N	CT	TI	STDP	RIG	11737	11737	466	4515	RIH 6-1/8" STIFF REMING BHA ON 4" DP/HWDP TO TOW @ 4515'. - FILLING UP STRING EVRY 10 STANDS. - MONITORING WELL THRU TRIP TANK- WELL STATIC.
0245 - 0415	1.5	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	11737	11737			TIME TO FILL UP STRING.
0415 - 0459	0.75	0-2	6 1/8	N	CT	RR	DWKS	RIG	11737	11737			HPJSM, SLIP & CUT 100 FT OF DRILLING LINE ..... ONGOING. - MONITORING WELL THRU TRIP TANK- WELL STATIC.

Workover Objectives

Foreman Remarks

>> ODF CORRECTION: 0 FT.
>> TOW: 4515', BOW: 4525'.
==========
>> SAFETY:

LIMITED MORNING REPORT

HRDH-1473 WORKOVER-1 BI-60

11/28/2025 - 02/04/2026

- GOR: 440 SCF/STB & H2S: 0.65%.
- 1/2 LFL= 148 M, 100 PPM= 285 M & 30 PPM= 489 M.

==========

>> DIESEL CONSUMPTION:
- DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): (DAILY: 34 BBLS / CUMULATIVE FOR CURRENT WELL: 1780 BBLS).

==========

>> ARAMCO POB:
- ARAMCO ME HASSAN ALMUBARAK #820918 ON LOCATION.
- SAOWOD HSE ADVISOR ABDELKADER MESSAOUDI ID # 8369879 ON LOCATION.

==========

>> AUDIT:
- SAWOD IN-HOUSE CONDUCTED ON 11/16/25, OPEN ITEMS: 2 (P3:1 P4:1).
- WCI AUDIT CONDUCTED ON 03/08/25. OPEN ITEMS: 0.
- ANNUAL RHSEI 2025 CONDUCTED ON 03/08/2025. OPEN ITEM: 1 (P4).
- INTERNAL 4TH QTR QSI CONDUCTED ON 12/14/2025, OPEN ITEMS: 11 (P2:4 P3:7).

==========

>> 4 X RAW WATER TANKERS.
>> 4 XASKAR RAW WATER TANKERS ON LOCATION SINCE 01/20/2026 @ 19:00.

==========

>> RENTAL EQUIPMENT ON LOCATIONS:
- NESR 4-3/4" DRLG JAR SN: GE-DJ-00001 ON LOCATION SINCE 1/8/2026.
- NOV DLR ON LOCATION SINCE 01/08/2026.
- TAQA FRAC TANK ON LOCATION SINCE 01/16/2026.
- SINOPEC 4-3/4" PBL SUB ON LOCATION SINCE 01/18/2026 @ 22:00, BACKLOAD ON 01/27/2026.
- NESR 4-3/4" DRLG JAR SN: GE-DJ-00024 ON LOCATION SINCE 1/25/2026.
- SLB SHEARING UNIT ON LOCATION SINCE 21/26/2026.

==========

>> NEXT LOCATIONS:
- HRML-807 STRIP OUT 0%, LOCATITON READINESS 0%.
- HRML-815 STRIP OUT 0%, LOCATITON READINESS 0%.
- HRML-810 STRIP OUT 0%, LOCATITON READINESS 0%.
- HRML-823 STRIP OUT 0%, LOCATITON READINESS 0%.
- HRDH-424: STRIP OUT 100%, LOCATITON READINESS 0%.
- UTMN-330: STRIP OUT 100% , LOCATION READINESS 20%.

==========

ARAMCO VEHICLE SERVICE DETAILS: ARAMCO CAR WITH NUMBER B858 NEXT SERVICE DUE FEB 18, 2026.

==========

>> VISITORS: SOUTHERN AREA MUD ADVISOR AHMED GHALLABS ON LOCATION SINCE 01/24/2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	1	1.8API	4	0 Volts	23.59	9.2	130,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	10.2HTHP	67	35	0	10 / 22	WBM-CAC	1.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
83	1	53	29	8 / 10	0	64,000	11

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	1	1.8API	4	0 Volts	23.96	9.3	138,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	10HTHP	67	38	0	11 / 24	WBM-CAC	1.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
80	1	52	29	9 / 11	0	65,000	11.4

MUD TREATMENT

CACL2-80	STELSEALFN	STELSL50	MAXSHIELD
12 (2200L)	40 (50LB)	40 (50LB)	4 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/14/2026	N/A	MODERATE	N/A	SEASONAL	2,020	TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	OTH	BHI	RIG	OES	SMI	HUD	RIG	ARM	SJA	OTH	ARM
Category	CTRG	DPDS	RIG	DFMS	DFMS	MPD	OTHR	OTHR	SFS	VAC	WSC
No. of Persons	17	3	36	2	1	8	17	2	4	8	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	0	12	24	12	24

Total
101

TRUCKS/BOATS

Standby/Tankers	Others	Others
B858	1 X AMBULANCE	4 X RAW WATER TANKERS

LIMITED MORNING REPORT

HRDH-1473 WORKOVER-1 BI-60

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BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	2000	300	288	56	80	1000
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

NEW RIG MOBILIZATION BI-MOB

12/08/2025 - 02/01/2026

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saudi aramco

ADES-144 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADES-144
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (MOBILIZATION)

Foreman(s): BOULABEIZ, MOHAMED LOTFI
Engineer: ALAMOUDI, HUSSAIN AHMED / ALSHEHRI, ABDULLAH MSHABIB
Manager: SAMARKANDY, ABDULRAHMAN SAMEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-882-167 -771-1115	013-577-35 82	013-577-93 47
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-810-27 65	013-576-31 15	

Last 24 hr operations: MOBILIZE & R/U ADES-144 AT HWYH-1295.

Next 24 hr plan: MOBILIZE & R/U ADES-144 AT HWYH-1295.

Location: HWYH-1295, 10.97 KM SW HRDH GAS PLANT.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RU	NA	RIG					HPJSM WITH ALL RIG CREW & THIRD-PARTY IN REGARD TO CONT. R/UP OPERATIONS CONT. TO CLOSE ADES PCI FINDING REPORT. CONT ALIGNMENT ROTARY TABLE AND TRACTION MOTOR, REDA WORKING ON GAS DETECTION SYSTEM INSTALLATIONS . CONTINUE ASSEMBLING 26-3/4" AND 13-3/8" BOP R/U 8" VENT LINE. CONT WELDING ON DEGASSER AND INTERMEDIATE TANKS TO REPLACE LEAKING WALL HYDRO-TESTS MUD TANKS AND CHECKING VALVES ; AGITATORS AND MUD TRANSFER AND MIX PUMPS CONT. HEALTH CHECK FOR THE TDS VFD HOUSE AND TDS BY OEM CONT INSPECTING LOW TORQUE VALVES AND CHICANES REPLACED MONKEY BOARD AIR TAGGER CONT. INSPECTION FOR ALL PUP JOINTS, X-OS AND SUBS AND FISHING EQUIPMENT CONT R/U & SET UP THE RIG SMART AND BCS SYSTEM AND FUNCTION TEST THE SAME P/U 5-1/2" DP TO CHECK RIG FLOOR EQUIPMENT CONT GAGES CLIBRATION AND INSTRUMENTATIONS. PLACEMENT OF FIRE EXTINGUISHERS AT RIG SITE ON GOING. GENERAL HOUSEKEEPING MISSING KOOMEY UNIT AND RELATED CONTROL UNITS MISSING MUD PUMPS PISTON RODS MISSING SOME WELL CONTROL EQUIPMENT MISSING SOME TUBULARS * R/M 100% & R/U 87 %. * RIG MOVE EQUIPMENT: 2 CRANES, 1 FORKLIFT. * DISTANCE FROM ADES TO WELL HYWH-1295: 222 KM. -------- - DAYS SINCE START MOBILIZATION: 50 DAYS. - EXPECTED SPUD DATE 2/15/2026.

Foreman Remarks

--- RIG MOBILIZATION FROM ADES 800 YARD TO HWYH-1295 --

==========ARAMCO PERSONNEL==========
- ARAMCO CLERK MOHAN KUMAR THAPA #8145014 ON LOCATION SINCE 01/25/2026
- ARAMCO NGGDD HSE, ADVISOR SAGAR TEEK #8980590 ON LOCATION 01/15/2026.
- ARAMCO NGGDD FCT, MAJDI ALGHAMDI #295639 ON LOCATION 01/15/2026.

==========THIRD PARTY PERSONNEL ON LOCATION ==========
> EMEC MUD ENG.

==========RIG VISIT==========
- ADES OPERATIONS MANAGER MOHAMED KHELLAF VISITED LOCATION ON LOCATION SINCE 01/23/ 2026.
- ADES SUPERINTENDENT MICHAEL LOVE VISITED LOCATION ON LOCATION SINCE 01/23/ 2026.

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	
BIT DATA	

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

12/08/2025 - 02/01/2026

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	N/A	SEASONAL	9,036	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RIG	TGC	EMC	RIG	RIG	ARM	ARM	
Category	RIG	CTRG	DFMS	MED	OTHR	OTHR	WSC	
No. of Persons	40	16	1	1	38	3	1	Total 100
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	
Operating Hours.	24	0	24	24	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others
N/A	pick up e-869

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HWTH-141 WORKOVER-4 BI-60

01/09/2026 - 02/24/2026

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ADES-158 @ HWTH-141 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADES-158
Well: HWTH-141
Wellbores: (0-2) HWTH_141_2

Charge #: (71-25065-0141)
Wellbores: (0-2) HWTH_141_2

Objective : (RE-ENTRY)

Foreman(s): MAACHE, MALEK / CHIHANI, HOCINE
Engineer: AKBAR, KITOS GEMINI
Manager: ALSHAMMARI, ABDULLAH SHUWAYHIT

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+88-216-77 7-11-295	5773974	5779355

CONTRACTOR /CLERK VSA T: 5773586/(CLERK)

Last 24 hr operations
CONT RIH 6-1/8" SPS MTR DIR. ASSY, DRILL 6-1/8" CURVE SECTION, POOH TO TOW, REPAIR STANDPIPE CONNECTION LEAKAGE, RIH & RESUME DRILLING

Next 24 hr plan
DRILL 6-1/8" CURVE SECTION

Location
THE WELL IS LOCATED 0.582 KM S30E OF HWTH-53 AND 0.582 KM N31E OF HWTH-28

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,100	7	9097	6360				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4444	9.6 (01/18/2026@1500)	100	656	504	504

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0515	0.25	0-2	6 1/8	N	DRLG	OTH	NA	RIG	4444	4444					CONT. RIH W/ 6 1/8" SPS MTR/MWD DRLG ASSY ON 4" DP STD'S TO BTM AT 4,444 FT. - GENTLY PASSED TOW AT 4,427 FT.
0515 - 1500	9.75	0-2	6 1/8	N	DRLG	DMR	MMOT	SPS	4444	4864					DRILL 6-1/8" CURVE SECTION TO 4,864 FT USING 75 PCF OBM AND 100% CIRC. - DRILL OFF 3 MIN EVERY STAND. - WASH UP REAM DOWN FULL STAND. - TOOK SURVEY EVERY STAND. >>OBSERVED MINOR LEAKAGE AT STANDPIPE MANIFOLD CONNECTION.
1500 - 1600	1	0-2	6 1/8	N	DRLG	CIRC	MPMP	RIG	4864	4864					SWEPT HOLE W/ HI-VIS PILL, CHC, CONDITION OBM IN/OUT TO 75 PCF.
1600 - 1615	0.25	0-2	6 1/8	N	DRLG	CIRC	MPMP	RIG	4864	4864					FLOW CHECK, WELL STATIC.
1615 - 1645	0.5	0-2	6 1/8	N	DRLG	ST	STDP	RIG	4864	4864	4864	4427	RI	965473	POOH W/ 6-1/8" SPS MTR/MWD DRLG ASSY TO TOW @ 4427 FT . - MONITOR WELL ON TRIP TANK, WELL STATIC.
1645 - 1700	0.25	0-2	6 1/8	N	DRLG	CIRC	MPMP	RIG	4864	4864			RI	965473	FLOW CHECK, WELL STATIC.
1700 - 1815	1.25	0-2	6 1/8	N	DRLG	RR	CSYS	RIG	4864	4864			RI	965473	REPLACED GASKET SEAL OF STANDPIPE MANIFOLD HAMMER UNION CONNECTION, PT STANDPIPE MANIFOLD TO 5000 PSI, OK.
1815 - 1845	0.5	0-2	6 1/8	N	DRLG	RR	TDS	RIG	4864	4864					SERVICE TDS.
1845 - 2030	1.75	0-2	6 1/8	N	DRLG	TI	STDP	RIG	4864	4864	4427	4864	RI	965473	RIH W/ 6-1/8" SPS MTR/MWD DRLG ASSY TO BTM AT 4864 FT .
2030 - 0459	8.5	0-2	6 1/8	N	DRLG	DMR	MMOT	SPS	4864	5100					DRILL 6-1/8" CURVE SECTION TO 5100 FT WITH 75 PCF OBM AND 100% CIRC. - DRILL OFF 3 MIN EVERY STAND. - WASH UP REAM DOWN FULL STAND. - SWEEP HOLE WITH HI-VIS PILL AS REQUIRED. - TOOK SURVEY EVERY STAND. * ACTUAL TO PLAN: 1' ABOVE, 18' RIGHT.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 1615	3.75	3.75	965473		RI	FOT	CHK	RIG	4864	OBSERVED MINOR LEAKAGE AT STANDPIPE MANIFOLD CONNECTION.

Workover Objectives

Foreman Remarks

========== WELL-141 DRILLING LATERALS==========
L-0-2: TOW: 4427', BOW: 4436'.TD: PLAN: 9197' MD/6349' TVD, ACTUAL: MD/ TVD (UNAYZAH-A FORMATION).
ODF:-17".
========== ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO RIG CLERK AKRAM KHAN #8437843 ON LOCATION SINCE 03/11/2025.
- MUJAHEDEEN ON LOCATION.
========== RIG VISIT ==========
- N/A.
========== SAFETY & DRILLS ==========

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HWTH-141 WORKOVER-4 BI-60

01/09/2026 - 02/24/2026

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* NEAR MISS IN SLS: 0.
* DRILLS : 0.
* SAFETY ALERTS: 1.
========== AUDIT ==========
*1ST RSI 2025 (2/20/2025) : FINDINGS:31, CLOSED: 31 & OPEN: 0.
*3RD QSI 2025 (7/31/2025) : FINDINGS : 35 , CLOSED: 34 & OPEN:1
*4TH QSI 2025 (12/2/2025) : FINDINGS : 38 , CLOSED:35 & OPEN:1
========== RENTAL TOOL ON LOCATION ==========
-RECIEVED OILSERV DJ SN# HMJ-475-01-051 ON 1/26/2026 AT 20:30 HR.
========== NEXT WELL ==========
- WELL NAME: DYBN-702.
==========ARAMCO VEHICLE ==========
- ARAMCO VEHICLE H721 ON LOCATION.
==========
- NO RADIO COVERAGE, D&WO ECC DAILY CHECK FOREMAN OFFICE TELEPHONE.
========== WATER TANKERS ==========
- 3 X WATER TANKERS DRSS# 3000348104 FROM 11/01/2025 & 1 X SPRAY TANKER DRSS# 3000348165 FROM 10/01/2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-2	4,545	15.29	305.32	-371	4,541	8.24	-15.51	57.63	5.58
0-2	4,638	14.52	318.85	93	4,631	13.08	-20.9	80.89	3.82
0-2	4,730	14.84	320.48	92	4,720	18.49	-25.5	103.35	0.57
0-2	4,821	13.88	321.36	91	4,808	23.83	-29.84	125.3	1.09
0-2	4,916	14.31	333.75	95	4,901	29.76	-33.59	147.24	3.2

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	1	0API	66	682 Volts	13.94	0	303,675
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	1.8HTHP	18	20	0	9 / 13	OBM	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	25	16	10 / 11	0	0	3.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	1	0API	66	689 Volts	13.94	0	303,675
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	1.8HTHP	18	19	0	9 / 13	OBM	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
66	0	26	16	10 / 11	0	0	3.2

MUD TREATMENT

MRBL-M	CARBOTROL	CAOH2	CARBTEC	CARBMUL	CACO3-25	CACO3-50
1 (2200L)	40 (55LB)	16 (50LB)	2 (55GL)	2 (55GL)	8 (50LB)	8 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
9RR	4,444	5,100	DP Av	DC Av	Bit HHP	5	50	M332	6.125	REED
Pressure	**GPM**	**Jet Vel**	250.62	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,650	220	N/A				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
S321389	SKR613M3D	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0		0				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	4	1	4	3.476	30	1,799.57	XT39	XT39	11.85	56,420.476	G105	PREM	
13	Heavy Weight Drillpipe (HWDP)	RIG	4	27	4	2.563	818.29	1,769.57	XT39	XT39	28	56,064.976		CONV	
12	Drillpipe	RIG	4	9	4	3.34	282.31	951.28	XT39	XT39	14	33,152.856	G105	PREM	N/A
11	Agitator	NPD	5	1	5		16.2	668.97	XT39	XT39	832	29,200.516			030
10	Heavy Weight Drillpipe (HWDP)	RIG	4	15	4	2.562	455.37	652.77	XT39	XT39	26.24	15,722.116		CONV	
9	Hydraulic Jar	OJR	4.75	1	4.75		31.98	197.4			1	3,773.207			475-01051
8	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.563	91.37	165.42	XT39	XT39	26	3,741.227		CONV	
7	Crossover	RIG	4.75	1	4.75	1.5	2.41	74.05	XT39	NC26	1	1,365.607			0
6	Float Sub	SPS	4.75	1	4.75	2	3.5	71.64	XT39	3 1/2 REG	1	1,363.197			13678293
5	Float Sub	SPS	4.75	1	4.75	2	2.9	68.14	XT39	4 3/4 T2	1	1,359.697			13734151
4	Screen sub	SPS	4.719	1	4.719	2	6.13	65.24	NC50	NC50	1	1,356.797			14221617
3	Measurement While Drilling (MWD)	SPS	4.75	1	4.75	2.61	30.58	59.11	3-1/2 IF		15.6	1,350.667			14012826
2	Mud Motor	SPS	4.75	1	4.75		27.84	28.53			31.38	873.619			13042937
1	Bit	REED	6.125	1	6.125	2	0.69	0.69	3.5 REG	0	0	0	0	0	S321389

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LIMITED MORNING REPORT

HWTH-141 WORKOVER-4 BI-60

01/09/2026 - 02/24/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	NORMAL	N/A	SEASONAL	3,472	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	SPS	RIG	GDF	MJH	RO1	RIG	ARM	ARM
Category	CTRG	DPDS	RIG	DFMS	SEC	MLS	OTHR	OTHR	WSC
No. of Persons	16	4	38	1	8	5	12	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	0	24	12	12	24

Total
87

TRUCKS/BOATS

Standby/Tankers	Others	Others
H721	1 x spray tanker.	3 x WATER tankerS.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	593	N/A	N/A	900

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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SDGM-1808 DEVELOPMENT DRILLING BI-60

12/31/2025 - 02/17/2026

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ADES-799 @ SDGM-1808 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADES-799
Well: SDGM-1808
Wellbores: (0) SDGM_1808_0

Charge #: (66-25054-1808)
Wellbores: (0) SDGM_1808_0

Objective : (SINGLE LATERAL, TUBINGLESS, HORIZONTAL ARBD WATER DISPOSAL WELL & OPEN HOLE COMPLETION W/7" X-TREE)

Foreman(s) ZAGHARY, AHMED SAMI
Engineer ABOUHAMED, MOUSTAFA MAHMOUD ABDELMONGY
Manager ALSHAMMARI, ABDULLAH SHUWAYHIT

THURAYA	RIG FORMAN VSAT	OTHER VSAT
88-216-777 1-3961	578-4860	578-4149 (FCT)
OTHER VSAT	OTHER VSAT	FAX VSAT
578-4324 (ARAMCO CLE RK)	810-2788 (ADES-TP)	8821677713 961

Last 24 hr operations
CONT. R/U RIG OPERATIONS ON SDGM-1808 & WORK ON PRE-SPUD CHECKLIST.

Next 24 hr plan
WORK ON PRE-SPUD CHECKLIST, SPUD THE WELL, RDRLG 28" VERTICAL HOLE T/120', CHC, WIPER TRIP, POOH, L/D BHA, RUN & CMT 24" CONDUCTOR CSG.

Location
THE WELL IS LOCATED 0.367 KM N55W OF SDGM-1350 AND 0.452 KM N63W OF SDGM-1121.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)	100	0	113	110

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	PRE	N	RM	PJSM	NA	RIG	0	0			HOLD SAFETY MEETING WITH RIG CREW AND ALL PERSONNEL INVOLVED IN RIG UP OPERATIONS FOR SAFE WORK PRACTICES. DISCUSS STOP WORK AUTHORITY, FALL PROTECTION DURING WORK AT HEIGHT, DROP OBJECTS RISK, POTENTIAL HAZARDS, JSA & RISK ASSESMENT.
0530 - 0459	23.5	0	PRE	N	RM	RU	NA	RIG	0	0			CONT. R/U RIG ON SDGM-1808. - R/U PROGRESS : 97 %. = - DISCONNECTED TDS IBOP'S FOR SHAFT INSPECTION. - PERFORMED INSPECTION FOR TDS SHAFT. - M/U OVERHAULED/CERTIFIED IBOP'S & BRAND NEW SAVER SUB. - FUNCTION TEST CROWN-O-MATIC & ANTI-COLLISION SYSTEM. - FUNCTION TEST TDS. - CALIBERATE RIG PRESSURE SENSORS AND TDS TORQUE (ONGOING). - R/U RIG FLOOR HANDLING EQUIPMENT. - WORK ON PRE-SPUD CHECKLIST (ONGOING). - FUNCTION TEST FLARE LINE IGNITION SYSTEM. - P/U & RACK BACK IN DERRICK 5 STDS OF 6-5/8" HWDP, 3 STDS OF 8-1/4" D/C, 1 STD OF 9-1/2" D/C, 2 JTS OF 9-1/2" HWDP+X/O & 1 JTS OF 5-1/2" HWDP .... INC @ RPT. - RIG WELDER WORK TO COMPLETE HANDRAILS SECURING SOCKETS (ONGOING). = - RIG RELEASE FROM SDGM-1517 ON 12/ 30 /2025 @ 15:00 HRS. - DAYS SINCE RIG RELEASE: 27 DAYS. - TOTAL MAINTENANCE : 15 DAYS. - EXPECT RIG SPUD ON 01/28/2026.

Foreman Remarks

==========WELL OBJECTIVE ==========
WELL SDGM-1808 WILL BE DRILLED AS A SINGLE LATERAL, TUBINGLESS, HORIZONTAL ARBD WATER DISPOSAL WELL AND OPEN HOLE COMPLETION WITH 7-1/16" X-TREE.
==========ERP ==========
- SDGM-1808 IS LOCATED IN A NON-POPULATED AREA.
- THIS WELL IS NOT LOCATED IN SHALLOW GAS AREA FOR THE TOP HOLE SECTIONS . THE DIVERTER WILL NOT BE USED FOR THE SURFACE HOLE SECTIONS. SHALLOW GAS IS EXPECTED ACROSS HITH FORMATION. BOP WILL BE ALREADY INSTALLED BEFORE PENETRATING THIS FORMATION.
- GOR = 571 SCF/BBL, H2S CONC. = 2.08 %.
- RER: 1/2 LFL = 76 M, 100 PPM = 281 M, 30 PPM = 526M.
- SGA#1 LAT: 25.5880262 N -- LONG: 49.3475631 E (1.6 KM).
- SGA#2 LAT: 25.5699868 N -- LONG: 49.3500012 E (1.0 KM).
- NEAREST HOSPITAL: AL-MOUSA MOH HOSPITAL @ 50 KM.
- RELIEF WELLS: A. SDGM-740 (PWI): 1.5 KM (NE), B. SDGM-1157 (GAS): 2.0 KM (NW).
- RIG HAS RADIO COVERAGE.
========== WELL DATA ==========
- 24" CSG PLAN/ ACTUAL : 120'/XXX'
- 18-5/8" CSG PLAN / ACTUAL : 645' / XXX' (50' TVD INTO RUS)
- 13-3/8" CSG PLAN / ACTUAL : 2,815' / XXXX' (50' INTO AHMADI)
- 9-5/8" CSG PLAN / ACTUAL : 4,503' / XXXX' (300' INTO BYDH)
- 7" CSG PLAN / ACTUAL : 8,328' MD 7,052' TVD /XXXX' MD XXXX' TVD (30' TVD INSIDE AD2A) .
- 6-1/8" OH LATERAL SEC TD DEPTH PLAN/ ACTUAL: 12,290' MD 7,138' TVD/ XXXX' MD XXXX' TVD.
========== ARAMCO PERSONNEL ======
- ARAMCO FOREMAN AHMED ELKAILANY#8648359 ON LOCATION SINCE 01/27/2026.
========== SAFETY & DRILLS ==========
- NEAR MISS IN SLS: .
- DRILLS : .
- SAFETY ALERTS: HSE ALERT 08-26ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26TRUCK ROLLOVER & HSE ALERT 10-26FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
==========JOURNEY MANAGEMENT PLAN ==========
- RIG LOCATION: 113 KM FROM DHARAN MAIN GATE. DRIVING ON DHAHRAN-ALAHSAA ROAD PASSING BY SAUDI CEMENT COMPANY AND FOLLOW RIG SIGN BOARDS.

LIMITED MORNING REPORT

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SDGM-1808 DEVELOPMENT DRILLING BI-60

12/31/2025 - 02/17/2026

- ALL VEHICLES SHOULD ACTIVATE JMP, FOLLOW APPROVED ROAD AND SIGN BOARD WITH NO SHORTCUT.
- SKID ROAD IS 10 KM.
==========NEXT WELL==========
- ABQQ-740 (100 % READY & PRE-RIG MOVE CONDUCTED ON 01/20/2026).
==========WATER WELL==========
- WATER SUPPLY WELLS IS SDGM-3515 (BACK-UP WELL) & SDGM-3504 (MAIN SUPPLY WELL).
===== SERVICE COMPANIES ON LOCATION =====
- ONE MUD ENG ON LOCATION SINCE 10/06/2025.
==========RENTAL TOOLS==========
- 12" TASMAN SHOCK SUB S/N: ST5-1200-101 ON LOCATION SINCE 01/21/2026 @ 17:00.
- 15 JTS OF 6-5/8" HWDP + 2 X/O'S FROM RAWABI ARCHER ON LOCATION SINCE 01/22/2026 @ 17:00.
=========ARAMCO VEHICLE ==========
- ARAMCO VEHICLE E910 ON LOCATION PM HAS BEEN COMPLETED ON 01-21-2026 / NEXT PM SCHEDULED ON MARCH-21-2026.
==========RIG VISITS ==========
- MICHAEL LOVE ADES RIG MANAGER.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	2,534	PTSM

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	GDF	RIG	ARM	
Category	CTRG	RIG	DFMS	OTHR	WSC	
No. of Persons	19	37	1	21	2	Total 80
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	0	24	0	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others
E910	AMBULANCE 3629 VXB	BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	1000	641	144	20	4000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Database: EPPR
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LIMITED MORNING REPORT

HRDH-2166 WORKOVER-1 BI-60

01/19/2026 - 03/21/2026

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ADES-889 @ HRDH-2166 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADES-889
Well: HRDH-2166
Wellbores: (0) HRDH_2166_0

Charge #: (71-25058-2166)
Wellbores: (0) HRDH_2166_0

Objective : (SIDETRACK THE WELL IN ONE HOLE SIZE AS A PRESET FOR UNZ-B/C RESERVOIR AND COMPLETE WITH 4-1/2IN 15.1)

Foreman(s): AIOUEZ, FARRID / ABDELRAHMAN, HASSAN MOHAMED
Engineer: ALRUMAYH, ABDULAZIZ AMER
Manager: OTAIBI, MUKHLED FARAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12624	576-3773	576-5693

CONTRACTOR /CLERK VSA T: 576-5691

Last 24 hr operations
CONT RIH 7" WIS CH HYD WHIPSTOCK. ORIENT & SET WIS 7" WHIPSTOCK. POOH WIS RUNNING TOOL ASSY.

Next 24 hr plan
CONT POOH RUNNING TOOL. RIH WITH WIS 5-7/8" TRI-MILL ASSY. DISPLACE WELL TO 108 PCF CONV OBM. MILL OUT 10 FT CSG WINDOW & 11 FT RAT HOLE.

Location
THE WELL IS LOCATED 0.1 KM S89E OF HRDH-2126 AND 0.542 KM N22E OF HRDH-2163.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,617	9 5/8	10585	10585	4 1/2	13,892	16,540	13,346

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16617	10 (01/18/2026@0500)	0	0	267	267

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	POST	N	TINL	TI	STDP	RIG	16617	16617	1870	3223	CONT RIH WIS 7" TRACKMASTER HYD WHIPSTOCK AT CONTROLLED SPEED ON DRIFITED 4" DP STDS. >> RUNNING SPEED 1 MIN /STD. >> USE SAFETY CLAMP WHILE RIH TILL GET ENOUGH WEIGHT. >> FILL UP STRING WITH HOSE WHILE RIH. >> MONITOR WELL THRU TRIP TANK.
0700 - 0730	0.5	0	POST	N	TINL	HT	STRG	RIG	16617	16617			CHANGE HANDLING TOOLS TO 5-1/2" PIPE SIZE AND M/UP X/O.
0730 - 0845	1.25	0	POST	N	TINL	TI	STDP	RIG	16617	16617	3223	4850	CONT RIH WIS 7" TRACKMASTER HYD WHIPSTOCK AT CONTROLLED SPEED ON DRIFITED 5-1/2" DP STDS. >> RUNNING SPEED 1 MIN /STD. >> FILL UP STRING WITH HOSE WHILE RIH. >> MONITOR WELL THRU TRIP TANK.
0845 - 0945	1	0	POST	N	TINL	CIRC	MPMP	RIG	16617	16617			CONNECT TDS AND BREAK CIRCULATION WITH 30 GPM TILL GET RETURN WITH STEADY PRESSURE.
0945 - 1545	6	0	POST	N	TINL	TI	STDP	RIG	16617	16617	4850	10100	CONT RIH WIS 7" TRACKMASTER HYD WHIPSTOCK AT CONTROLLED SPEED ON DRIFITED 5-1/2" DP STDS TO 73 FT ABOVE 7" TOL. >> RUNNING SPEED 1 MIN /STD. >> FILL UP STRING WITH HOSE WHILE RIH. >> MONITOR WELL THRU TRIP TANK.
1545 - 1645	1	0	POST	N	TINL	CIRC	MPMP	RIG	16617	16617			CONNECT TDS AND BREAK CIRCULATION WITH 30 GPM TILL GET RETURN WITH STEADY PRESSURE.
1645 - 2230	5.75	0	POST	N	TINL	TI	SPDP	RIG	16617	16617	10100	13398	CONT, RIH WIS 7" TRACKMASTER HYD WHIPSTOCK AT CONTROLLED SPEED ON DRIFITED 5-1/2" DP STDS. >> RUNNING SPEED 2 MIN /STD. >> FILL UP STRING WITH HOSE WHILE RIH. >> MONITOR WELL THRU TRIP TANK.
2230 - 0000	1.5	0	POST	N	TINL	CIRC	MPMP	RIG	16617	16617	13399	13399	ORIENT WHIPSTOCK WITH MWD AS PER SLB DD. >> CONFIRMED ORIENTATION WITH SLB OFFICE.
0000 - 0045	0.75	0	POST	N	TINL	SET	WPSTK	WI3	16617	16617	13399	13399	SET WHIPSTOCK AS FOLLOW: GRADUALLY INCREASE FLOWRATE 220 GPM FOR 3 MIN., S/O AND CONFIRM WS IS SET, >> CYCLE 220 GPM (6 TIMES) UNTIL CIRC. VALVE CLOSED, PRESSURE UP TO 3,500 PSI AND HOLD FOR 5 MIN. >> S/O 10 KLBS TO CONFIRM WHIPSTOCK SET, OVERPULL 25 KLBS AND S/O TO NEUTRAL WEIGHT. REPEAT 5 TIMES. >> SHEAR UP SHEAR SUB OFF WITH OVERPULL 45 KLBS. >> P/U 15' ABOVE WHIPSTOCK, MAINTAIN 3500 PSI AS HOSE PARTED & OBSERVE PRESSURE DROP. >> TOW: 13,377 FT. >> BOW: 13.387 FT. >> SETTING DEPTH: 13,399 FT.
0045 - 0130	0.75	0	POST	N	TINL	WCNT	NA	RIG	16617	16617			FLOW CHECK- WELL STATIC- >> PUMP SLUG PIPE.
0130 - 0200	0.5	0	POST	N	TINL	RR	MPMP	RIG	16617	16617			SERVICE TOP DRIVE. >> PERFORM RIG FLOOR HOUSEKEEPING.
0200 - 0400	2	0	POST	N	TINL	TO	STDP	RIG	16617	16617	13377	10173	POOH WITH WIS HYD RUNNING TOOL ASSY ON 5-1/2" DP TO 7" TOL@ 10,173 FT.

LIMITED MORNING REPORT

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HRDH-2166 WORKOVER-1 BI-60

01/19/2026 - 03/21/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													>> MONITOR WELL ON TRIP TANK
0400 - 0415	0.25	0	POST	N	TINL	WCNT	NA	RIG	16617	16617			FLOW CHECK- WELL STATIC.
0415 - 0459	0.75	0	POST	N	TINL	TO	STDP	RIG	16617	16617	10173	9200	POOH WITH WIS HYD RUNNING TOOL ASSY ON 5-1/2" DP TO 9,200 FT. >> MONITOR WELL ON TRIP TANK.

Workover Objectives

Foreman Remarks

==========ERP==========
>> ERP POSTED IN ARAMCO FOREMAN OFFICE.
>> 30 PPM RER: 0 M; 100 PPM RER: 0 M; 1/2 LFL: 125 M.
>> STAGING AREA #1 : 0.6 KM NE.
>> STAGING AREA #2 : 0.7 KM NW.
==========SAFETY & DRILLS==========
>> DRILLS: 2 X TRIP DRILLS.
>> ARAMCO SLS OBSERVATION SOC: 10.
>> ADES SHEILD CARDS: 20
>> NEAR MISS: 0; MTD TOTAL : 0.
>> SWA: 6.
>> ALERTS: SAUDI ARAMCO HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 - TRUCK ROLLOVER AND HSE ALERT 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION, REEL-SAFE 03-26 CATWALK LIFTING POINT FAILURE.
>> LSR: USE REQUIRED PPE FOR YOUR JOB.
==========ARAMCO PERSONNEL ON LOCATION==========
>> MAT EXPEDITOR RAED ALMUTAWA # 8515887 ON LOCATION 01/21/2026.
>> MATERIAL EXPEDIATOR MAJED ALHOSHAN # 8513217 ON LOCATION SINCE 01/22/26.
>> MAT EXPEDITOR ABDULLAH ALGHAMDI # 7219574 # ON LOCATION 01/23/2026
==========THIRD PARTY PERSONNEL & EQUIPMENT==========
>> OES MUD ENG. ON LOCATION.
>> SLB MUD ENG ON LOCATION SINCE
>> WIS WHIPSTOCK CREW AND TOOLS ON LOCATION 01/24/2026 20:00 HRS.
>> RAWABI MILLING CREW & TOOLS ON LOCATION 01/25/2026 01:00 HRS.
>> WFD 4-3/4" HD JAR ON LOCATION ON 01/22/2026 18:00 HRS.
========== RIG VISIT==========
>> DOECD ANAS HOMMADI #295394 ON LOCATION FOR (2026 D&WO RIG SAFETY OUTREACH CAMPAIGN) ON 01/26/2026.
>> ALAA KELANU OES MUD SUPERVISOR #8677910 VISITED RIG ON 01/26/2026.
==========CLOSED LOOP SYSTEM ==========
>> USING 3-SIDE BIN ONLY.
>> WATER PIT & WASTE PIT ARE NOT IN USE "DRY".
>> USING CMT & CUTTING PITS WITH PLASTIC LINER.
>> PITLESS LOCATION GUIDELINE: (Y)
==========MISC==========

========== ==========NEXT WELLS==========
NEXT WELL: HRDH-2182, DEVIATED UNZ-B/C, PRE-WO MEETING IS DONE. STRIP-OUT 0%. LOCATION READY 0%. WOCP IS ON-GOING.
2ND NEXT WELL: HRDH-674, DEVIATED UNZ-B/C, PRE-WO MEETING IS REQUIRED. STRIP-OUT 0%. LOCATION READY 0%. WOCP IS ON-GOING.
3RD NEXT WELL: HRDH-1994, KHFB PRE-SET, PRE-WO MEETING HELD 01/27/2026, NO STRIP-OUT REQUIRED . LOCATION READY 0%. WOCP NOT ISSUED.
==========REMARKS==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
115 PCF	0	0API	0	0 Volts	6.08	9.5	20,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	78	43	0	21 / 32	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
84	0	25	22	23 / 26	10	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
115 PCF	0	0API	0	0 Volts	6.89	9.5	20,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	78	43	0	24 / 34	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
84	0	25	22	23 / 26	10	200	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	NORMAL	ONSHORE	SEASONAL	2,627	2

PERSONNEL AND SERVICES INFORMATION

Company	TGC	WI3	SDM	SCD	RIG	OES	SMI	WJS	RIG	ARM	ARM	RO1
Category	CTRG	WPSTK	DPDS	DPDS	RIG	DFMS	DFMS	JST	OTHR	OTHR	WSC	MLS

Total 81

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
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LIMITED MORNING REPORT

HRDH-2166 WORKOVER-1 BI-60

01/19/2026 - 03/21/2026

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	No. of Persons	17	1	2	1	34	1	1	1	15	3	2	3
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	0	24	24	24	24
	Operating Hours.	0	24	24	0	24	12	12	24	24	12	12	12

TRUCKS/BOATS	Standby/Tankers	Others	Others
	N/A	CREW BUS	RIG AMBULANCE

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	357	250	N/A	N/A

REPAIR ASAP			
	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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Report ID: OPERLMTDMRREP

MRJN-49 WORKOVER-2 BI-60

01/15/2026 - 03/19/2026

أرامكو السعودية
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ADM-261 @ MRJN-49 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-261
Well: MRJN-49
Wellbores: (0-1) MRJN_49_1

Charge #: (71-25073-0049)
Wellbores: (0-1) MRJN_49_1

Objective : (RE-ENTRY SIDETRACK)

Foreman(s): GUERROUMI, NOUREDDINE / AMMARI, MOHAMED ABDULLAH
Engineer: ALGHAMDI, YASSER SAEED
Manager: OTAIF, HASSAN WAFI

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
88216-777- 11416	378-7463	378-7463
OTHER VSAT	CONTRACTOR /CLERK VSA T	
378-7464 RADIO ROOM	378-7467 C LERK	

Last 24 hr operations
CONT POOH 3-3/4" C/O BHA, M/U & RIH W/2-3/8" NM CEMENT STINGER, CHC, SPOT 2ND CMT PLUG, CHC, POOH & L/D 2-3/8" CEMENT STINGER.

Next 24 hr plan
CONTINUE L/D 2-3/8" CEMENT STINGER, WOC, M/U & RIH W/ 6-1/8" CO BHA, WASH DOWN & DRESS OUT CEMENT TO 4-1/2" TOL. POOH & L/D 6-1/8' BHA.

Location: MRJN-46/51, 318, 303 PF
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,600	7	7228		4 1/2	5,707	5,707	5,538

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6600	13.5 (01/14/2026@1730)	100	0	243	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0645	1.75	0-1	POST	N	CT	LDP	SPDP	RIG	10143	10143	819	10	CMT	965470	SINGLE OUT 25 JOINTS OF 2-7/8" HT PAC DP. MONITOR WELL WITH TRIP TANK RUNNING W/ 72 PCF VIS BRINE, CORRECT FILLING.
0645 - 0715	0.5	0-1	POST	N	CT	HT	BHA	RIG	10143	10143			CMT	965470	L/D 3-3/4" STRING MILL AND 3-3/4" PDC BIT.
0715 - 0745	0.5	0-1	POST	N	PA	OTH	NA	RIG	10143	10143			CMT	965470	CLEAN & CLEAR RIG FLOOR. PREPARE RIG FLOOR TO RIH 2-3/8" NM CEMENT STINGER.
0745 - 1100	3.25	0-1	POST	N	PA	HT	STRG	RIG	10143	10143			CMT	965470	P/U, M/U & RIH WITH 75 JOINTS (1,500 FT) OF 2-3/8" NON METALLIC TUBING. - MONITOR WELL WITH TRIP TANK RUNNING W/ 72 PCF VIS BRINE, CORRECT DISPLACEMENT.
1100 - 1130	0.5	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	CHANGE HANDLING EQUIPMENT, MAKE UP X-OVERS & 1 STAND OF 4" DP. FLUSH THROUGH 2-3/8" NM STINGER.
1130 - 1345	2.25	0-1	POST	N	PA	TI	STDP	RIG	10143	10143	1503	6580	CMT	965470	RIH WITH 2-3/8" NM STINGER ON 4" DRILL PIPE, BREAK CIRCULATION EACH 20 STANDS TO ENSURE STINGER IS CLEAR. - MONITOR WELL WITH TRIP TANK RUNNING W/ 72 PCF VIS BRINE, CORRECT DISPLACEMENT.
1345 - 1400	0.25	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	ACCUMULATED TIME FOR FILLING PIPE.
1400 - 1430	0.5	0-1	POST	N	PA	OTH	NA	RIG	10143	10143			CMT	965470	SPACE OUT & M/U TDS WITH TIW, SIDE ENTRY SUB, CONNECT CEMENT LINE W/ LOW TQ VLV TO SIDE ENTRY SUB.
1430 - 1630	2	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	CIRCULATE 3 X BU AT 6 BPM & 1,238 PSI, CONFIRM 72 PCF VISC BRINE IN/OUT. CONCURRENTLY MIXING 105 PCF SPACER & MIX FLUID.
1630 - 1645	0.25	0-1	POST	N	PA	PTST	MPMP	RIG	10143	10143			CMT	965470	FLUSH SURFACE LINE WITH SLB CEMENT PUMP AND P/T SAME 300/3,000 PSI - GOOD TESTS.
1645 - 1715	0.5	0-1	POST	N	PA	PJSM	NA	RIG	10143	10143			CMT	965470	HPJSM WITH ALL PERSONNEL INVOLVED FOR P&A CEMENT PLUG.
1715 - 1745	0.5	0-1	POST	N	PA	OTH	NA	RIG	10143	10143			CMT	965470	SLB CEMENTER BATCH MIX 26 BBLS OF 122 PCF CEMENT SLURRY (EPC-G100 % BWOC, D047 0.01 GAL/SK VBWOC, D153 0.30 % BWOC, D065 0.25 % BWOC, D801 0.04 GAL/SK, FRESH WATER 4.448 GAL/SK OF CEMENT), CONCURRENTLY CONTINUE CIRCULATE HOLE CLEAN WITH 72 PCF VIS BRINE AT 6 BPM & 1230 PSI.
1745 - 1845	1	0-1	POST	N	PA	CMP	OEDP	SCM	10143	10143	6600	5398	CMT	965470	LINE UP TO SLB CMT PUMP, SPOT BALANCED CMT PLUG#2 (1,202 FT) F/6,600 FT TO 5,398 FT AS FOLLOWS: PUMP 60 BBLS OF 105 PCF SLB SPACER, DROP FOAM BALL INISDE DP, PUMP 26 BBLS OF 122 PCF CMT SLURRY, PUMP 24 BBLS OF 105 PCF SLB SPACER BEHIND FOLLOWED BY 17.2 BBLS OF 72 PCF VIS BRINE (15 BBLS UNDER DISPLACEMENT) AS PER PROGRAM. * FULL RETURN NO LOSSES WHILE CEMEMT JOB. - CEMENT IN PLACE AT 18:45. STOP PUMPING, NO BACK FLOW OBSERVED.
1845 - 2045	2	0-1	POST	N	PA	HT	STRG	RIG	10143	10143			CMT	965470	LAY OUT PUMPING ASSY AND POOH AT CONTROLLED SPEED (DRY), RACK BACK 18 STANDS OF 4" DP FROM 6,600' TO 4,900' (500 FT ABOVE TOC).

LIMITED MORNING REPORT

MRJN-49 WORKOVER-2 BI-60

01/15/2026 - 03/19/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
2045 - 2230	1.75	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	ATTEMPT TO REVERSE CIRCULATE WITHOUT SUCCESS, OBSERVED HIGH PRESSURE AT 0.8 BPM & 1,000 PSI, CHANGE LINE UP AND CIRCULATE CONVENTIONALLY FOR 1 X CYCLE AT 7-8 BPM & 1,200 - 1,500 PSI. *DIVERT 46 BBLS OF CONTAMINATED SPACER & 49 BBLS OF SCHLUMBERGER SPACER.
2230 - 2300	0.5	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	INSERT 2EA FOAM BALLS INSIDE STRING AND CONTINUE CIRCULATE CONVENTIONALLY 1.2 X CYCLE WITH 72 PCF VIS BRINE AT 8 BPM & 1,244 PSI . CONFIRM SHAKER CLEAN & 72 PCF BRINE IN/OUT.
2300 - 2315	0.25	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	FLOW CHECK, WELL STATIC.
2315 - 2345	0.5	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	FLUSH SURFACE LINE, LAY OUT PUMPING ASSY & DROP 2.4" HOLLOW DRIFT INSIDE 4" DP PRIOR TO POH.
2345 - 0000	0.25	0-1	POST	N	PA	TO	STDP	RIG	10143	10143	4896	4421	CMT	965470	POOH WITH CEMENT STINGER ON 4" DRILL PIPE. WELL ON TRIP TANK, CORRECT FILL UP.
0000 - 0015	0.25	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	FLOW CHECK AFTER 5 STANDS PULL, WELL STATIC.
0015 - 0100	0.75	0-1	POST	N	PA	TO	STDP	RIG	10143	10143	4421	2700	CMT	965470	POOH WITH CEMENT STINGER ON 4" DRILL PIPE. WELL ON TRIP TANK, CORRECT FILL UP.
0100 - 0115	0.25	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	FLOW CHECK AT LAST 5 STANDS -WELL STATIC.
0115 - 0130	0.25	0-1	POST	N	PA	TO	STDP	RIG	10143	10143	2700	1503	CMT	965470	POOH WITH CEMENT STINGER ON 4" DRILL PIPE. WELL ON TRIP TANK, CORRECT FILL UP.
0130 - 0200	0.5	0-1	POST	N	PA	CIRC	MPMP	RIG	10143	10143			CMT	965470	FLOW CHECK AT BHA- WELL STATIC. - MEANWHILE CHANGE HANDLING EQUIPMENT FROM 4" DP TO 2-3/8" NM TUBING.
0200 - 0459	3	0-1	POST	N	PA	LDP	SPDP	RIG	10143	10143	1503	750	CMT	965470	SINGLE OUT 2-3/8" NM CEMENT STINGER, WELL ON TRIP TANK, CORRECT FILL UP *** ONGOING AT RPT *** -OBSERVED SMALL AMOUNT OF CEMENT ON THE OD OF NM JOINT#35 AND THE FOLLOWING JOINTS

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
25 Jan 1430	24	86.5	965470		CMT	CPNF	NA	SCM	5578	RIH WITH CLEAN OUT BHA TO DRESS CEMENT FROM TOC AT 5,578 TO 5,950 FT. NO HARD CEMENT OBSERVED TILL 6,600 FT .

Workover Objectives

Foreman Remarks

PRT-ORIGINAL THS = 50 FT, ODF- ORIGINAL THS = 40 FT, ODF= PRT - 10 FT.
ORIGINAL RESERVOIR: INITIAL SIWHP: 520 PSI, GOR: 600, H2S: 0%. SINGLE LATERAL HORIZONTAL PRODUCER IN KHAFJI MAIN SAND.
-

PERSONNEL:
- ARAMCO CLERK, MOHAMMED ATHEEQ, ID# 8583996, ONBOARD SINCE 01/13/2026.
- ARAMCO FOREMAN, BILAL MAMMARI ID# 8665418 ONBOARD SINCE 01/27/2026.
-

SUSPENSION CONTINGENCY:
- 1EA X 7" FASDRILL & 2EA X 7" EZSV + 1EA X 4-1/2" & 7" FASDRILL + 2EA X 9-5/8" EZSV,
- 1EA X 7" RTTS/STORM VALVE & 7" RBP.
-

DISCUSS WITH CREW :
- HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED.
- HSE ALERT 09-26 TRUCK ROLLOVER
- HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
-

TAQA DRILLING 4-3/4" JAR SN#DJ6-500-448 ONBOARD SINCE 1/18/2026.

TOTAL FLUID LOST DURING WORKOVER - DAILY 0 BBLS, TOTAL 503 BBLS.

CURRENT PLATFORM: MRJN-46/51,318, 303.
- WELL MRJN-318 : COMPLETED WITH GAS LIFT, & SUSPENDED FOR FLOW BACK.
- CURENT WELL MRJN-49 : RE ENTRY SIDETRACK WITH GAS LIFT COMPLETION.
- MRJN-303 : RE ENTRY SIDETRACK WITH GAS LIFT COMPLETION.
- MRJN-47 : RE ENTRY SIDETRACK WITH GAS LIFT COMPLETION.
- MRJN-48 : SIDETRACK CANCELLED, AWAITING CONFIRMATION OF MECH W/O & WH WORK.
- MRJN-51 : RE ENTRY SIDE TRACK WITH GAS LIFT COMPLETION.
- MRJN-46 : MECHANICAL WORKOVER TO ELEVATE WELLHEAD.

Username: YUAYANAL
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LIMITED MORNING REPORT

MRJN-49 WORKOVER-2 BI-60

01/15/2026 - 03/19/2026

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- MRJN-50 : MECHANICAL WORKOVER TO ELEVATE WELLHEAD.
- 3 WELLS ISOLATED WITH 4-1/2" ME PLUGS (MRJN-46, 47 & 303), PLUGS SET BY RAWABI-609 BARGE ON 10/07/2025 PRIOR TO RIG MOVE.
-

ADES MANAGEMENT RIG VISITS:
ADES RIG OPERATION MGR AHMED LOTFY ID#8317925, 25 NOVEMBER 2025.
ADES RIG MGR ISLAM ABOZAID ID#8601511, VISITED RIG ON 15 JANUARY 2026.
ADES HSE SUPERVISOR HASSAN HASSAN, A ID# 8125096 , 11 OCTOBER 2025.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	0API	0	0 Volts	0	10	130,608
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	36	0	9 / 10	VB	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	22	8	8 / 9	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	0API	0	0 Volts	0	10	130,608
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	33	0	8 / 9	VB	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	23	8	7 / 8	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	N/A	9-11 KTS SE	1 FT	SEASONAL	2,091	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	HCB	LIG	RIG	BDF	SMI	RAC	PW	CTC	RIG	ARM	SCM	BRD	HTD	ARM	CAM
Category	BRCR	CTRG	RIG	DFMS	DFMS	WMFE	ISPCT	JST	OTHR	OTHR	PCS	SCS	WHSS	WSC	WHES
No. of Persons	1	13	42	1	1	2	1	0	4	1	2	1	3	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	0	24	24	24	24	24	24	24
Operating Hours.	0	0	24	12	12	0	0	0	0	12	2	0	0	24	0

Total
76

TRUCKS/BOATS

Standby/Tankers
RAWABI-209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2268	918	1134	3701	N/A	2049

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
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MRJN-125 WORKOVER-2 BI-60

12/12/2024 - 02/02/2026

ADM-266 @ MRJN-125 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-266
Well: MRJN-125
Wellbores: (0-1) MRJN_125_1

Charge #: (71-25073-0125)
Wellbores: (0-1) MRJN_125_1

Objective : (SIDE TRACK AT SFNY RESERVOIR, COMPLETE AS GAS LIFT PRODUCER.)

Foreman(s): GABR, AHMED MOHAMED / BIN DAKHEIL, ABDULAZIZ IBRAHIM
Engineer: JAYPRAKASH, GIRISH
Manager: OTAIF, HASSAN WAFI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
882-167-77 1-1859	378-6338	378-6328
OTHER VSAT	CONTRACTOR /CLERK VSA T	
880-6186	378-6329	

Last 24 hr operations
CHC, P/T TOP FLOAT, DRILL CMT, TOP & BTTM FLOAT COLLARS, CHC, P/T ABOVE SEAL ASSY, DRILL CMT, CHC, P/T CERAMIC DISK, DRILL SAME, CHC, DISP TO 79 PCF BRINE, POH.

Next 24 hr plan
CONT. POH W/ 3-5/8" CMT CLEANING ASSY, L/D BHA, M/U 5-1/2" CSG WFD WBCO ASSY, RIH ON 2-7/8" DP, CHC, POH & L/D.

Location: PLT MRJN 121/126 310,320.
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,926	5 1/2	6372	5242	4 1/2	6,702	13,892	6,435

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13926	74.8 (01/14/2026@1230)	100	0	237	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			PUMP SWEEP & CIRCULATE WELL TILL SHAKERS CLEAN. - CHECK PASSING THRU LATCH COLLAR UP/DOWN WITHOUT MUD PUMP, OK.
0600 - 0630	0.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			L/U AND PRESSURE TEST 5-1/2" CSG ON STAGES TO 1,000 PSI, GOOD TEST.
0630 - 1400	7.5	0-1	POST	N	CT	RW	BIT	RIG	13926	13926	6456	6607	CONT. SINGLE IN & DRILL OUT CEMENT, 1ST FLOAT COLLAR AT 6,456', CONT CLEAN CEMENT, CLEAN OUT 2ND FLOAT COLLAR AT 6,576' 2ND FLOAT COLLAR DEPTH , CONT. CLEAN OUT CEMENT TILL 6,607' (22 FT ABOVE 7" PACKER) - DRILLING PARAMETERS: WOB 1-6 KLB, 125 - 145 GPM FR, PRESSURE 2,200 PSI, 30-35 RPM, 1,800-2,750 KLB.FT TQ. - PUMP HI-VIS SWEEPS AS REQUIRED. - WASH UP AND REAM DOWN DRILLED INTERVAL TWICE.
1400 - 1630	2.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			LINE UP AND SWEEP HOLE AND PUMP 86 PCF CACL2 BRINE FULL RETURNS NO DYNAMIC LOSSES. 3 BPM / 2,800 PSI. TWO CYCLES TILL SHAKERS CLEAN.
1630 - 1645	0.25	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			FLOW CHECK WELL STATIC.
1645 - 1715	0.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			L/U AND PRESSURE TEST 5-1/2" CSG ON STAGES TO 1,000 PSI, GOOD TEST.
1715 - 1830	1.25	0-1	POST	N	CT	RW	BIT	RIG	13926	13926	6607	6675	CONT DRILL OUT CEMENT ACROSS 4-1/2" SEAL ASSY, PBR & 4-1/2" JTS TO 6,675 (10' ABOVE CERAMIC DISK). - DRILLING PARAMETERS: WOB 1-5 KLB, 125 - 137 GPM FR, PRESSURE 3, PSI, 30-35 RPM, 1,930-2,150 KLB.FT TQ. - PUMP HI-VIS SWEEPS AS REQUIRED. - WASH UP AND REAM DOWN DRILLED INTERVAL TWICE.
1830 - 1900	0.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			LINE UP AND SWEEP HOLE AND PUMP 86 PCF CACL2 BRINE FULL RETURNS NO DYNAMIC LOSSES. 3 BPM / 2,800 PSI. TILL SHAKERS CLEAN.
1900 - 1930	0.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			L/U AND PRESSURE TEST AGAINST CERAMIC DISK, ON STAGES TO 1,000 PSI, GOOD TEST.
1930 - 2000	0.5	0-1	POST	N	CT	RW	BIT	RIG	13926	13926	6675	6700	CONT DRILL OUT, BREAK CERAMIC DISK, RIH TO 6,700, DRIFT CERAMIC DISK INTERVAL MULTIPLE TIMES, SMOOTH. - DRILLING PARAMETERS: WOB 2 KLB, 125 GPM FR, PRESSURE 2,800 PSI, 30 RPM, 1,800 KLB.FT TQ. - PUMP HI-VIS SWEEPS AS REQUIRED. - WASH UP AND REAM DOWN DRILLED INTERVAL TWICE.
2000 - 2330	3.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			HPJSM, CLOSE BOP ATTEMPT TO BULLHEAD WELL F/ BACK SIDE PUMP 86 CACL2 VIS BRINE, LOCK UP AT 0.75 BPM / 1,000 PSI. SWEEP HOLE AND CHC DIVERT RETURNS TO MGS AT 3 BPM / 2,220 PSI.
2330 - 0130	2	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			CHC & DISPLACE WELL WITH 79 PCF VIS CACL BRINE, AT 3 BPM & 1750 PSI. NO DYNAMIC LOSSES.
0130 - 0230	1	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			PERFORM EXTENDED FLOW CHECK FOR ONE HOUR, WELL STATIC.
0230 - 0300	0.5	0-1	POST	N	CT	ST	STDP	RIG	13926	13926	6675	6202	HPJSM, POH W/ 3-5/8" CO BHA ASSY. R/B 5X STDS OF 2-7/8" HTPAC DP STDS ON DERRICK WHILE POH. - MONITOR WELL ON TRIP TANK, WELL STATIC. - INSTALL LIFTING SUB FOR HANDLING 2-7/8" HT PAC DP ON EACH STD.
0300 - 0330	0.5	0-1	POST	N	CT	CIRC	MPMP	RIG	13926	13926			FLOW CHECK, WELL STATIC.
0330 - 0459	1.5	0-1	POST	N	CT	ST	STDP	RIG	13926	13926	6202	4800	POH W/ 3-5/8" CO BHA ASSY. F/ 6,202' TO 4,800' R/B 2-7/8" HTPAC DP STDS ON

LIMITED MORNING REPORT

MRJN-125 WORKOVER-2 BI-60

12/12/2024 - 02/02/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													DERRICK WHILE POH... ONG @ RPT... - MONITOR WELL ON TRIP TANK, WELL STATIC. - INSTALL LIFTING SUB FOR HANDLING 2-7/8" HT PAC DP ON EACH STD.

Workover Objectives

Foreman Remarks

- ODF-THS = 33.80 FT, PRT-THS = 49.13 FT, ODF= PRT - 15.33 FT. (AFTER MAJOR WH WORK)
- TOW AT 6845', BOW AT 6858' ACROSS LHHR FORMATION, TARGET RESERVOIR ACROSS SFNR.

==========PERSONNEL==========
- ARAMCO CLERK MOHAMED AZARUDEEN SUNNAJOHN BADGE# 8599343 ARRIVED ON 02-DEC-2025.
- ARAMCO RSI AUDITOR HAROLD SARMIENTO BN#728958 ONBOARD FOR RSI AUDIT SINCE TUESDAY 27TH JAN 26.

==========EQUIPMENT==========
- HJDA-338-0009 - 3-3/8" HYDRAULIC DA DRILLING JAR ONBOARD RECEIVED WITH MN#2101366617 ON 1/16/2026.

==========SAFETY==========
- RHSEI FINDINGS 67 TOTAL FINDINGS / 67 CLOSED / 0 OPEN.
- LPD FINDINGS - 23 TOTAL FINDINGS / 22 CLOSED / 1 OPEN.
- DISCUSSED WITH CREW HSE ALERT HSE ALERT 08-26 - ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 - TRUCK ROLLOVER, HSE ALERT 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

==========ISOLATION BARRIERS ONBOARD==========
- 2 EA 7" EZSV & 2770 SX CEMENT.

==========CURRENT PLATFORM (MRJN-121/126,310,320)==========
PLATFORM MRJN 121/126, 310, 320 UNDER GAS LIFT PROJECT.
- WELL MRJN-122 : COMPLETED.
- WELL MRJN-121 : COMPLETED.
- WELL MRJN-126 : COMPLETED.
- WELL MRJN-124 : COMPLETED.
- WELL MRJN-123 : COMPLETED.
- WELL MRJN-320 : COMPLETED.
- WELL MRJN-310 : COMPLETED, PENDING FLOWBACK AFTER MRJN-125.
- WELL MRJN-125 : CURRENT WELL.

==========NEXT PLATFORM==========
- NEXT PLATFORM: MRJN-176/185, 10 WELLS TO WO, 2 RE-ENTRY & 8 GAS LIFT.
- EXPECTED RIG MOVE DATE +/- 15-FEB-2026.
- SUBMITTED RIG MOVE REQUEST FROM PLATFORM MRJN-121/126 TO MRJN-176/185 UNDER# RM-2025-4013667 ON 11/15/2025.
- SEA BED SURVEY REQUEST SUBMITTED ON SYSTEM AT 11/15/2025, REQUEST #8800025071 .
- CORRESPONDING SHARED TO FS TO START DEPRESSURIZATION AND ARRANGING FOR VISIT ON 11/15/2025.
- BH SOIL DATA ANALYSIS HAS BEEN SENT TO ADES FOR LPA & LA ON 01/04/2026. RECEIVED LA FROM ADES ON 1/14/2026.

==========ADES MANAGEMENT RIG VISIT==========
- ADM-266 ADES RIG MANAGER MOATAZ M ABDULATIF BN#8357914 VISITED RIG TUESDAY 27TH JAN 26.
- ADM-266 ADES QHSE SUPERVISOR EMAD ELSHAER #8046897 DEPARTED RIG ON 28TH JULY 25.
- ADM-266 ADES ASSISTANT RIG MANAGER HASSAN M. ALZAKI BN#8090463 VISITED RIG ON MONDAY 28TH JULY 25.
- ADM-266 ADES RIG MANAGER MOATAZ M ABDULATIF BN#8357914 VISITED RIG ON MONDAY 30TH JUNE 25.
- ADES COUNTRY MANAGER KANEBOG, KOLBJORN BN#8531685 VISITED RIG ADM-266 ON WEDNESDAY 9TH APRIL 25.
- ADM-266 ADES OPERATION MANAGER MOHAMED, EHAB BN#8330667 VISITED RIG ON WEDNESDAY 9TH APRIL 25.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	0	0API	0	0 Volts	0	10	224,832
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	91	1	0	0 / 1	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0	11	9	1 / 1	0	127,017	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
86 PCF	0	0API	0	0 Volts	0	9.5	323,737
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	86	19	0	5 / 8	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	24	14	5 / 6	0	182,893	0

MUD TREATMENT

CITRICACID	CACL2-98	HEC	CAOH2
8 (100LB)	24 (2200L)	5 (50LB)	2 (50LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	6-8 KTS NW	1-2 FT	N/A	1,501	N/A

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MRJN-125 WORKOVER-2 BI-60

12/12/2024 - 02/02/2026

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PERSONNEL AND SERVICES INFORMATION	Company	INW	FMC	LIG	HCO	SCP	RIG	BDF	RIG	ARM	SLL	ARM	WWB
	Category	BRCR	CSR	CTRG	PSSC	PSSC	RIG	DFMS	OTHR	OTHR	SLS	WSC	WBCS
	No. of Persons	1	6	12	1	1	44	1	2	2	3	2	1
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	0	0	0	24	24	12	0	12	0	24	0

Total
76

TRUCKS/BOATS

Standby/Tankers
rawabi 209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
963	808	905	N/A	N/A	2770

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

SFNY-645 DEVELOPMENT DRILLING BI-60

08/28/2025 - 03/12/2026

أرامكو السعودية
saudi aramco

ADM-337 @ SFNY-645 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-337
Well: SFNY-645
Wellbores: (0) SFNY_645_0

Charge #: (66-24013-0645)
Wellbores: (0) SFNY_645_0

Objective : (SINGLE LATERAL OIL PRODUCER TARGETING KHFJ RESERVOIR.)

Foreman(s): CACCHIONI, CHRISTOPHER ROBERT
Engineer Manager: ALHAJRI, SAAD GHANEM / KAKI, ABDULRHMAN WADDAH HARBI, SALEH MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14132	378-2132	013-819-80 40 (OIM)
OTHER VSAT	OTHER VSAT	
378-2134 (RADIO ROOM)	378-2133 (CLERK)	

Last 24 hr operations
DIR DRILL AHEAD 12-1/4" SECTION W/ BAKER RSS ASSY TO SECTION TD. POOH, CHC, POOH W/ RSS DRILLING ASSY

Next 24 hr plan
POOH, L/D DRILLING BHA, M/U & RIH REAMING ASSY, CHC, S&C DRILL LINE, RIH, CHC, WIPER TRIP, SPOT CSG-GO PILL, POOH

Location: SFNY 636/645 PF
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,153	13 3/8						

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6755	59.4 (01/23/2026@0715)	100	398	263	

Formation Tops

Formations	Top Depth	Comments
KHBR	908	TVD 907'
ALVL	1,172	TVD 1168'
RUS	1,401	TVD 1393'
RUSG	1,707	TVD 1689'
UMER	1,849	TVD 1827'
ARUM	3,721	TVD 3517'
LAMS	4,454	TVD 4,110'
PAMU	4,710	TVD 4,310'
AHMD	4,812	TVD 4,386'
CPCK	4,951	TVD 4,484'
WARA	5,212	TVD 4,646'
MDDD	5,656	TVD 4,855'
SFNY	5,808	TVD 4,896'

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0945	4.75	0	12 1/4	N	DRLG	DMR	MRSS	BHI	6755	6934			CONT. DRILLING 12 1/4" NEW HOLE AS PER DIRECTIONAL PLAN FROM 6755' TO 6934'; GOC CONTROLLING 950 GPM @ 2912 PSI; 160 RPM @ 8K TQ; 10-45 WOB WASH UP - REAM DOWN EVERY CONNECTION. PUMP HI VIS EVERY 3 STDS SURVEY 30' OFF-BOTTOM
0945 - 1015	0.5	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	6934	6934			PUMP HI VIS SWEEP CIRCULATE OUT WHILE RECIPROCATING PIPE
1015 - 1545	5.5	0	12 1/4	N	DRLG	DMR	MRSS	BHI	6934	7153			CONT. DRILLING 12 1/4" NEW HOLE AS PER DIRECTIONAL PLAN FROM 6934' TO 7153'; SECTION TD (GOC CONTROLLING DIRECTIONAL PLAN) 950 GPM @ 2912 PSI; 160 RPM @ 8K TQ; 10-45 WOB WASH UP - REAM DOWN EVERY CONNECTION. PUMP HI VIS EVERY 3 STDS SURVEY 30' OFF-BOTTOM
1545 - 1915	3.5	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	7153	7153			PUMP HI WT/HI-VIS PILLS AND CHC W/ 980 PSI @ 3350 PSI AS PER MUD ENGINEER - WORK STRING & ROTATE AT 120/80 RPM THROUGHOUT
1915 - 1930	0.25	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	7153	7153			FLOW CHECK WELL AT FLOW LINE - OK; WORK STRING THROUGHOUT
1930 - 2045	1.25	0	12 1/4	N	DRLG	ST	STDP	RIG	7153	7153	7100	6721	CONT POOH W/ BHI 9 1/2" RSS BHA ASSY ON 5-1/2" DP - MONITOR WELL ON TRIP TANK. WELL IS STATIC.
2045 - 2100	0.25	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	7153	7153			F/C AFTER 5 STD'S. WELL IS STATIC.
2100 - 0030	3.5	0	12 1/4	N	DRLG	ST	STDP	RIG	7153	7153	6721	4546	CONT POOH W/ BHI 9 1/2" RSS BHA ASSY ON 5-1/2" DP TO 13 3/8" CSG SHOE.
0030 - 0100	0.5	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	7153	7153			F/C FOR 30 MIN AT 13 3/8 CSG SHOE AT FLOW LINE
0100 - 0200	1	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	7153	7153			CIRC BOTTOMS UP W/ 92 PCF OBM MUD & CHC.
0200 - 0245	0.75	0	12 1/4	N	DRLG	RR	TDS	RIG	7153	7153			SERVICE TDS & CLEAN AND CLEAR RIG FLOOR ; PUMP SLUG AND ALLOW TO FALL
0245 - 0459	2.25	0	12 1/4	N	DRLG	TO	STDP	RIG	7153	7153	4546	500	CONT POOH BHI 9 1/2" RSS BHA ASSY ON 5-1/2" DP FR/ 4546' TO 500' - MONITOR WELL ON TRIP TANK. WELL IS STATIC.

Foreman Remarks

WELL OBJECTIVE: SINGLE LATERAL OIL PRODUCER TARGETING SFNY RESERVOIR.
LC-50 SENT IN ON MANIFEST 2400777397 ON OCT-4-2025; LC-50 (OBM) SENT IN ON MN#2400796185 JAN-27/2026

LIMITED MORNING REPORT

SFNY-645 DEVELOPMENT DRILLING BI-60

08/28/2025 - 03/12/2026

TOTAL LOSSES IN 16" SECTION: 9040 BBBLS OF 75 PCF; 13,182 BBLS OF 90 PCF

SFNY-645 CASING POINTS:
28" HOLE SECTION PLANNED @ 771' MD / 770' TVD; ACTUAL @ 832' MD / 831' TVD.
22" HOLE SECTION PLANNED @ 1989' MD / 1961' TVD; ACTUAL @ 1929 MD / 1903' TVD.
16" HOLE SECTION PLANNED @ 4606' MD / 4200' TVD (100' TVD INTO LAMS).ACTUAL 4585' MD/ 4213' TVD.
12-1/4" HOLE SECTION PLANNED @ 6598' MD / 4941' TVD
8-1/2" HOLE SECTION (WELL TD) PLANNED @ 7916' MD / 4929' TVD.

DRILLING PLAN :
-DRILL SFNY-645 TO 13-3/8" CP.
-SKID TO 644 & DRILL TO 9-5/8" CP.
-SKID TO 645 & CONTINUE DRILL TO TD. RUN LOWER AND UPPER COMPLETIONS.
-SKID TO 644 & CONTINUE DRILL TO TD. RUN LOWER AND UPPER COMPLETIONS. FUNCTION ESP.
-SKID TO 645 & FUNCTION ESP.
-SKID TO 637 & FLOW TO CLEAN UP WELLBORE.

SAFETY:
- DAILY ARAMCO RADIO CHECK WITH ECC: OK
- WEEKLY RUN E-GENERATOR- OK; WEEKLY THURAYA CHECK: 18-JAN-2026, OK.
- WEEKLY SAFTEY DRILLS: HELD H2S & ABANDON HELD: 01/26/2026
- TOURLY SAFETY MEETING AS PER ADES AND SAUDI ARAMCO.

PERSONNEL:
- ARAMCO MATERIAL EXPEDITOR MAJED ALGHAMDI #815391 ON BOARD 20/JAN/2026.
- ARAMCO MATERIAL EXPEDITOR MOHAMMED ALGHAMDI #8748854 ON BOARD 27/JAN/2026.
- ARAMCO PDP SAAD ALSHAMRANI #828423 ON BOARD SINCE 18TH JANUARY

- ADES MANAGEMENT VISIT:
- ADES RIG MANAGER - TAREK ALSAEIDY ON RIG FROM JAN-18-2026 TILL 22 JAN 26.
- ADES RIG HSE MANAGER - MOHAMMAD HUSSAIN ON RIG FROM JAN-18-2026 TO JAN-20-2026.

RIG MOVE:
- RIG MOVE MEETING REQUESTED ON FEB-04-2026 @ 10:00 AM
- RM FROM SFNY-636/645 TO SEA RM-2026-4014134 - APPROVED JAN-26-2026
- RM FROM SEA TO KARN 9/16 RM-2026-4014135 - APPROVED JAN-26-2026
- PDS SWO 8000653230 (251154) KARN 9/16 - COMPLETED DEC-27-2025
- DRSS FOR 1 X 10,000 HP & 2 X 7,000 HP TOW VESSELS - 1004807192

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	52	570 Volts	3.88	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.6HTHP	27	23	0	12 / 19	INOVRT	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
74	0	34	21	11 / 13	0	0	1.6

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	52	555 Volts	3.98	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
137	1.6HTHP	27	23	0	12 / 18	INOVRT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
72	0	33	21	11 / 13	0	0	1.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	52.5	540 Volts	3.46	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
130	1.8HTHP	27	21	0	12 / 16	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
70	0	32	20.5	11 / 12	0	0	1.4

MUD TREATMENT

BARITE	CACO3-25	CAOH2	STELSEALFN	MRBL-M	LESUPERMUL
880 (100LB)	30 (50LB)	20 (50LB)	70 (50LB)	4 (2200L)	2 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
7	4,585	7,153	DP Av	DC Av	Bit HHP	45	160	M423	12.25	REED
Pressure	**GPM**	**Jet Vel**	194.34	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,340	950	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S319916	TK76M4DX	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float Shock Sub Serial	BHA Hrs Shock Sub Hrs	String Wt. Mud Motor Seria	Pick Up Mud Motor Hrs	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs

LIMITED MORNING REPORT

SFNY-645 DEVELOPMENT DRILLING BI-60

08/28/2025 - 03/12/2026

Y	64	205	232	176	14	100

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	315	5.5	4.67	9,450	9,949.76	XT54	XT54	24.7	283,444.121	CYX105	PREM	
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	8	5.5	3.25	279.86	499.76	XT54	XT54	55.24	50,029.121		CONV	JH22233015
13	Hydro-Mechanical Jar	NPJ	6.75	1	6.75	3.875	29.36	219.9	XT54	XT54	215	34,569.654			675247
12	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	92.88	190.54	XT54	XT54	55.24	28,257.254		CONV	JH22183005
11	Crossover	RIG	8.25	1	8.25	2.813	2.63	97.66	XT54	6 5/8 REG	215	23,126.563			25149-21
10	PBL (Multiple Activation By Pass)	CRW	8.25	1	8.1	2.75	20.22	95.03	6 5/8 REG	6 5/8 REG	212	22,561.113			DVBB5-1127
9	Float Sub	BHI	8	1	8	2.875	3.57	74.81	6 5/8 REG	6 5/8 REG	212	18,274.473			14129691
8	Stabilizer	BHI	11.875	1	8.25	3	7.28	71.24	6 5/8 REG	6 5/8 REG	217.7	17,517.633			ZIBSSBD10216
7	Stop Sub	BHI	9.5	1	9.5	3	2.9	63.96	9 1/2 T2	6 5/8 REG	216.9	15,932.777			16039478
6	BCPM. Bi-directional Communication and Power Module	BHI	9.5	1	9.5	3	12.62	61.06	9 1/2 T2	9 1/2 T2	217.9	15,303.767			15385430
5	Logging While Drilling (LWD)	BHI	9.5	1	9.5		22.75	48.44	9 1/2 T2	9 1/2 T2	316.3	12,553.869			14891075
4	Gamma Sub	BHI	9.5	1	9.5	2.75	4.42	25.69	9 1/2 T2	9 1/2 T2	220.7	5,358.044			12610739
3	Flex Joint	BHI	9.5	1	9.5	3	11.75	21.27	9 1/2 T2	9 1/2 T2	214.4	4,382.55			14748549
2	RSS	BHI	9.5	1	9.5		8.3	9.52	9 1/4 T2	6 5/8 REG	224.5	1,863.35			15364378
1	Bit	REED	12.25	1	12.25		1.22	1.22	6 5/8 REG			0			S319916

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	ESE 7-10	2-4 FT	SEASONAL	1,533	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	ITS	RTC	GOS	FET	BHI	RIG	BDF	BAR	ARN	SCM	MI2	IWS	ARM	CRW	CAM
Category	CSR	BITS	CTRG	DV	DPDS	RIG	DFMS	DFMS	OTHR	PCS	SCS	WHSS	WSC	WBCS	WHES
No. of Persons	1	1	14	1	3	60	1	2	3	2	1	0	1	1	0
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	0	24	24	0
Operating Hours.	0	24	0	0	24	24	24	24	12	24	12	0	24	24	0

Total
91

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2098	2289	1184	4382	0	4362

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

12/05/2012 - 05/31/2026

أرامكو السعودية
saudi aramco

ADM-339 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-339
Well: *RIG MAINTENANCE*
Wellbores:

Charge #: ()
Wellbores:

Objective : (PLANNED RIG MAINTENANCE)

Foreman(s)
Engineer
Manager FARTAS, ZAHIR EL AMAR

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
0088216777 12238	013-876-52 60	013-876-56 31 (CLERK)
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
013-819-80 10 (OIM)	013-876-53 75 (RADIO ROOM)	

Last 24 hr operations: PLANNED RIG MAINTENANCE IN SHIPYARD.

Next 24 hr plan:

Location: SHIPYARD

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0		0	0		0	0	0

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)	0			

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					PLANNED RIG MAINTENANCE IN SHIPYARD.

Foreman Remarks

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	4,658	N/A

PERSONNEL AND SERVICES INFORMATION: Total

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MRJN-2040 WORKOVER-1 BI-60

09/18/2023 - 02/03/2026

أرامكو السعودية
saudi aramco

ADM-505 @ MRJN-2040 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
ADM-505	(72-23073-2040)	(C | WET PRODUCTION/HIGH BHP: INITIAL TBG/PCKR INSTALLATION IN WET PROD/OBS AND HIGH BHP WELLS)	WHITE, BRANNON LEE ALABDULLATIF, ABDULRAHMAN OMAR FAIFI, MUSAAD HASSAN
Well: MRJN-2040	Wellbores: (0) MRJN_2040_0		
Wellbores: (0) MRJN_2040_0			

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 14197	6739595	6739593

Last 24 hr operations
CONT. RIH WITH MULTIPACKER COMPLETION. SLICKLINE DRIFT AS REQUIRED.

Next 24 hr plan
CONT. RIH WITH MULTIPACKER COMPLETION. SLICKLINE DRIFT AS REQUIRED.

Location
MRJN-2040/2049

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,445	9 5/8	8122	8118	7	7,817	9,470	9,463

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9445	26.6 (01/06/2026@0900)	100	0	231	

Formation Tops

Formations	Top Depth	Comments
RUS	2,643	2643 TVD
UMER	2,776	2776 TVD
ARUM	4,579	4578 TVD
LAMS	5,254	5253 TVD
LHHR	5,625	5625 TVD
AHMD	5,991	5991 TVD
CPCK	6,078	6078 TVD
WARA	6,338	6337 TVD
MDDD	6,375	6373 TVD
SFNY	6,549	6548 TVD
SFNR	6,643	6642 TVD
BSFR	6,715	6714 TVD
KHFJ	6,748	6746 TVD
DAIR	6,881	6879 TVD
MJ02	6,912	6910 TVD
MJ03	6,953	6951 TVD
MJ04	6,982	6980 TVD
MJ05	7,017	7015 TVD
MKFJ	7,063	7061 TVD
BMKJ	7,168	7166 TVD
SHUB	7,253	7251 TVD
SHBR	7,394	7392 TVD
SHWY	7,446	7444 TVD
BYDH	7,538	7535 TVD
BUWB	7,880	7876 TVD
YAMM	8,093	8090 TVD
URT2	8,277	8231 TVD
URTR	8,345	8341 TVD
SULY	8,382	8386 TVD
LRTR	8,940	8935 TVD
MNFR	9,003	8998 TVD
BMFR	9,087	9081 TVD
HITH	9,116	9110 TVD
ABAR	9,328	9322 TVD
BAAR	9,370	9364 TVD
ABBR	9,437	9430 TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0945	4.75	0	EOW	C	COMP	HT	PDHMS	SCP	9495	9495			P/U SLP SMART COPMLETION ASSEMBLY #19. M/U PDHMS# 11 Y-ANNULUS PORTED. INSTALLED CROSS COUPLING CLAMPS ON EACH COUPLING. - MONITOR WELL THROUGH TRIP TANK - STATIC.
0945 - 1100	1.25	0	EOW	C	COMP	HT	TBG	RIG	9495	9495			RIH W/ SMART COMPLETION ASSEMBLY ON 3 1/2" 9.3# J-55 EUE TBG FROM 1261' TO 1793'. FEED THRU PDC2 CABLE FROM TOP OF PKR #6. - MONITOR WELL THROUGH TRIP TANK - STATIC.
1100 - 1230	1.5	0	EOW	C	COMP	DTU	DRFT	NSL	9495	9495			R/U NESR SLICKLINE, PERFORM THE FOLLOWING: - RIH WITH 2.867" DRIFT TO 80 FT. R/D SLICKLINE. - MONITOR WELL THROUGH TRIP TANK - STATIC.
1230 - 2230	10	0	EOW	C	COMP	HT	PDHMS	SCP	9495	9495			P/U TO SLP SMART COPMLETION ASSEMBLY #21. M/U PDHMS# 12 Y-ANNULUS PORTED. INSTALLED CROSS COUPLING CLAMPS ON EACH COUPLING. CUT & M/UP PDC2 LOWER & UPPER GAUGE. PRESSURE TEST SAME TO 10K F/ 15 MIN. - MONITOR WELL THROUGH TRIP TANK - STATIC.
2230 - 0130	3	0	EOW	C	COMP	HT	TBG	RIG	9495	9495			RIH W/ SMART COMPLETION ASSEMBLY ON 3 1/2" 9.3# J-55 EUE TBG FROM 1793' TO 2281'. FEED THRU PDC2 CABLE FROM TOP OF PKR #6.

LIMITED MORNING REPORT

MRJN-2040 WORKOVER-1 BI-60

09/18/2023 - 02/03/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- MONITOR WELL THROUGH TRIP TANK - STATIC.
0130 - 0215	0.75	0	EOW	C	COMP	DTU	DRFT	NSL	9495	9495			R/U NESR SLICKLINE, PERFORM THE FOLLOWING: - RIH WITH 2.867" DRIFT TO 492 FT. R/D SLICKLINE. - MONITOR WELL THROUGH TRIP TANK - STATIC.
0215 - 0300	0.75	0	EOW	C	COMP	HT	PDHMS	SCP	9495	9495			P/U TO SLP SMART COPMLETION ASSEMBLY #22. M/U PDHMS# 13 SINGLE-ANNULUS PORTED. INSTALLED CROSS COUPLING CLAMPS ON EACH COUPLING. M/UP PDC3 TO CABLE HEAD. PRESSURE TEST SAME TO 10K F/ 15 MIN. - MONITOR WELL THROUGH TRIP TANK - STATIC.
0300 - 0459	2	0	EOW	C	COMP	HT	TBG	RIG	9495	9495			RIH W/ SMART COMPLETION ASSEMBLY ON 3 1/2" 9.3# J-55 EUE TBG FROM 2281' TO 2356'. FEED THRU PDC2 CABLE FROM TOP OF PKR #7. SECURE CABLES TO PKR #7 @ REPORT TIME. - MONITOR WELL THROUGH TRIP TANK - STATIC.

Workover Objectives

Foreman Remarks

PLATFORM WELLS:
MRJN-2040 CURRENT WELL EOW / OBSERVATION WELL.
MRJN-2041: SUSPEND FOR FUTURE FLOW BACK / DUAL LATERAL-RTWI RESERVOIR.
MRJN-2042: SUSPEND FOR FUTURE FLOW BACK / SINGLE LATERAL-SFNY RESERVOIR.
MRJN-2043: SUSPEND FOR FUTURE FLOW BACK / SINGLE LATERAL-SFNY RESERVOIR.
MRJN-2044: SUSPEND FOR FUTURE FLOW BACK / SINGLE LATERAL-SFNY RESERVOIR.
MRJN-2046: SUSPEND FOR FUTURE FLOW BACK / DUAL LATERAL-RTWI RESERVOIR.
MRJN-2047: SUSPEND FOR FUTURE FLOW BACK / DUAL LATERAL-RTWI RESERVOIR.
MRJN-2048: SUSPEND FOR FUTURE FLOW BACK / SINGLE LATERAL-SFNY RESERVOIR.
MRJN-2049: SUSPEND FOR FUTURE FLOW BACK / DUAL LATERAL-RTWI RESERVOIR.
==========
CASING POINTS:
30" CONDUCTOR 491' MD ODF (227 FT BELOW SEA BED).
18-5/8" CASING POINT 2,633' MD ODF / 2633' TVD.
13-3/8" CASING POINT 5,598' MD ODF / 5,597' TVD.
9-5/8" CASING POINT 8,122' MD ODF / 8,118' TVD.
7" LINER 9,470' MD ODF / 9,463' TVD.
==========H.S.E.==========
*HELD H2S AND ABANDON DRILL ON 17-JAN-2026.
*HELD FIRE DRILL ON 10-JAN-2026.
*HELD SECONDARY DRILL ON 5-OCT-2025.
*HELD CONFINED SPACE RESCUE DRILL 25-NOV-2025.
*HELD MAN OVERBOARD DRILL ON 08-DEC-2025.
*HELD MANDOWN DRILL ON 29-NOV-2025.
*OTHER DRILLS: 1 X PIT DRILL, 1 X TRIP DRILL, 1 X SWA, 1 X LOF.
*WEEKLY SAFETY MEETING: 28-DEC-2025.
DISCUSSED HSE ALERTS WITH ALL PERSONNEL DURING WEEKLY SAFETY MEETING
DISCUSSED LATEST OPERATION ALERTS WITH ALL PERSONNEL DURING WEEKLY SAFETY MEETING
**WBM LC-50 SAMPLE SENT ON JUZOR ON 20-JUNE-2025. MN# 2400759067
**PERFORMED WCE AUDIT FROM 01-FEB-2025 TO 03-FEB-2025.
**PERFORMED RHSEI AUDIT FROM 11-MAR-2025 TO 16-MAR-2025.
==========ARAMCO PERSONNEL==========
- EXPD ABDULLAH A. ALKHALDI ID# 8493590 ARRIVED 20 JAN 2026
- PDP ABDULLAH A ALQAHTANI ID# 840260 ARRIVED 13 JAN 2026.
- FOREMAN, ABDULALLAM ALSAATI ID# 786177 DEPARTED ON 26 JAN 2026 TO ATTEND COURSE.
==========ADES MGMT VISIT==========
- MOSAB OSAMA ADES OPERATIONS MANAGER - ID# 8523715 ARRIVE ON 22 OCT 2025 DEPART 23 OCT 2025.
- CUAUHTMOC FRANCISCO ZAPATA RODRIGUEZ ADES RIG MANAGEER - ID# 8558716 ARRIVED 12 DEC 2025. DEPART 14 DEC 2025.
==========RENTAL TOOLS==========
==========RIG DATA==========
LOCATION: MRJN-2040/2049 PF
LATITUDE: 28 DEG 21.5" N, LONGITUDE: 049 DEG 42.7 E
HEADING = 331 DEG
WATER DEPTH = 155.2 FT
RKB TO MSL = 127.61 FT
RKB TO PLATFORM = 85.5 FT
RKB TO TBG SPOOL = 78.25 FT
AIR GAP = 48 FT
FINAL LEG PENETRATION: STBD 13.05 FT./ BOW 13.70 FT./ PORT 12.73 FT.
NEAREST GOSP: 8.45 MILES
==========NEXT RIG MOVE LOCATION==========
ZULF-631/639, SFNY-4070 PF
- PDS REQUEST SUBMITTED UNDER CRM-SR 8800025140

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	N/A	N/AAPI	N/A	Volts	0	10	193,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
95	N/AHTHP	N/A	N/A	N/A	N/A /	CACL	N/A
Funnel	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**

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LIMITED MORNING REPORT

MRJN-2040 WORKOVER-1 BI-60

09/18/2023 - 02/03/2026

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Vis.(SEC)	N/A	N/A	N/A	/	N/A	N/A	N/A
26							
Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	N/A	N/AAPI	N/A	Volts	0	10	193,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
95	N/AHTHP	N/A	N/A	N/A	N/A /	CACL	N/A
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
26	N/A	N/A	N/A	/	N/A	N/A	N/A

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
20RR	9,495	9,495	DP Av	DC Av	Bit HHP	0	40	117	6.125	SEC
Pressure	GPM	Jet Vel	512.63	737.61	188	I-Row	O-Row	DC	Location	Bearings
1,000	450	279				1	1	NO	A	E
Serial Numi	Type	Jets	TFA							
839589	QH1R	3 x 15 /	0.518							
Gauge	Other	POOH Reas								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	31	205	210	200	2,000		75
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	N/A	15-16 KNTS SE	1-3 FT	SEASONAL	863	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SCB	GOS	BCT	BC	SCP	RIG	BDF	ARM	HCM	NSL	WCS	GOC	ARM	HWP
Category	BRCR	CTRG	COIL	PSSC	ICE	RIG	DFMS	OTHR	PCS	SLS	SSSV	PRS	WSC	WLS
No. of Persons	1	13	1	1	6	53	1	2	1	3	1	5	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	24	24	12	12	24	24	24	24	24	0

Total
92

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARZAKKAN

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
971	2254	2548	5456	N/A	3690

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ZULF-243 WORKOVER-2 BI-60

01/13/2026 - 05/23/2026

أرامكو السعودية
saudi aramco

ADM-506 @ ZULF-243 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-506
Well: ZULF-243
Wellbores: (0-1-2) ZULF_243_3

Charge #: (72-25062-0243)
Wellbores: (0-1-2) ZULF_243_3

Objective : (2 | ESP: INITIAL INSTALLATION OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): BAIG, RAKEB BARI / SIAM, MOHAMED YOUSSEF / DAKHIL, FAHAD AHMED
Engineer: ALHARBI, MUHANNAD SALMAN
Manager: SHEHRI, TALAL HASAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+88 2167 7 71 4163	673-1506	673-1575

CONTRACTOR /CLERK VSA T: 673-1645

Last 24 hr operations: PT BOPE. RIH & RTRV 9-5/8" RTTS & 7" RBP. RU WFD TRS & BAKER ESP.

Next 24 hr plan: MU & RIH 4-1/2" UPPER ESP COMPLETION.

Location: ZULF-240/245,347,348

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,411	9 5/8	6395	5385	4 1/2	6,414	10,411	6,054

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10411	14.5 (01/13/2026@1630)	100	0	248	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1-2	POST	N	BOP	BOPT	BOP	RIG	10412	10412			PT BOP AS PER ARAMCO REQUIREMENT TO 300/3000 PSI.
0600 - 0700	1	0-1-2	POST	N	BOP	OTH	BOP	RIG	10412	10412			POH & LD 11" CIW BOP TEST PLUG ASSY.
0700 - 0830	1.5	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			PU & MU HAL 9-5/8" RTTS RETRIEVING TOOL, RIH & CHC ABOVE RTTS.
0830 - 0900	0.5	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			ENGAGE STORM VALVE. UNSET 9-5/8" RTTS. - MONITOR WELL ON TRIP TANK, WELL STATIC.
0900 - 0915	0.25	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			FLOW CHECK, WELL STATIC.
0915 - 1015	1	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			POH & LD HAL PORTED SUB & 9-5/8" RTTS WITH STORM VALVE - MONITOR WELL ON TRIP TANK, WELL STATIC.
1015 - 1115	1	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			RIH 7" RBP RETRIEVE TOOL & BIT SUB W/FLOAT ASSEMBLY ON 4" DP STDS TO 6210'. - MONITOR WELL ON TRIP TANK, WELL STATIC.
1115 - 1245	1.5	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			CIRC & CONDITION MWT IN/OUT 72 PCF VIS BRINE.
1245 - 1300	0.25	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			FLOW CHECK, WELL STATIC.
1300 - 1400	1	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			ENGAGE & UNSET 7" RBP, ALLOW PACKER ELEMENT TO RELAX. - MONITOR WELL ON TRIP TANK, WELL STATIC.
1400 - 1645	2.75	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			ATTEMPT TO BULLHEAD, NO INJECTIVITY. CIRC 1 X HOLE VOL W/ 72 PCF VIS BRINE.
1645 - 1700	0.25	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			FLOW CHECK, WELL STATIC.
1700 - 1730	0.5	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			POH 7" RBP ASSY AT CONTROLLED SPEED ON 5 STDS X 4" DP. - MONITOR WELL ON TRIP TANK, WELL STATIC.
1730 - 1745	0.25	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			FLOW CHECK AFTER POH 5 STDS, WELL STATIC.
1745 - 2245	5	0-1-2	POST	N	CT	HT	STRG	RIG	10412	10412			POH 7" RBP ASSY AT CONTROLLED SPEED TO TOP OF BHA. - MONITOR WELL ON TRIP TANK, WELL STATIC.
2245 - 2300	0.25	0-1-2	POST	N	CT	CIRC	MPMP	RIG	10412	10412			FLOW CHECK PRIOR TO LD BHA, WELL STATIC.
2300 - 0000	1	0-1-2	POST	N	CT	HT	BHA	RIG	10412	10412			POH & RACK BACK 7 STDS 4" HWDP. - MONITOR WELL ON TRIP TANK, WELL STATIC.
0000 - 0100	1	0-1-2	POST	N	CT	HT	BHA	RIG	10412	10412			POH & LD 7" RBP. - MONITOR WELL ON TRIP TANK, WELL STATIC.
0100 - 0130	0.5	0-1-2	POST	N	CT	HT	BHA	RIG	10412	10412			CLEAN & CLEAR RIG FLOOR.
0130 - 0300	1.5	0-1-2	EOW	C	COMP	HT	PEL	WCR	10412	10412			RU WFD POWER TONG, TBG HANDLING EQ & JAM UNIT. - FUNCTION TEST JAM UNIT W/4-1/2" PUP JT, OK. - MONITOR WELL ON TRIP TANK, WELL STATIC.
0300 - 0430	1.5	0-1-2	EOW	C	COMP	HT	ESP	BAL	10412	10412			SPOT BAKER ESP EQ & RU ESP HANDLING EQ. - MONITOR WELL ON TRIP TANK, WELL STATIC.

LIMITED MORNING REPORT

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ZULF-243 WORKOVER-2 BI-60

01/13/2026 - 05/23/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0430 - 0459	0.5	0-1-2	EOW	C	COMP	PJSM	ESP	BAL	10412	10412			HPJSM WITH ALL INVOLVED FOR PU ESP COMPLETION ASSY.

Workover Objectives

Foreman Remarks

==========LOCATION DATA==========
- RIG HEADING = 330 DEG.
- FINAL LEG PENETRATION: BOW: 5.25 FT, STBD: 6.23 FT & PORT: 5.6 FT.
- WATER DEPTH [MEAN SEA LEVEL]: 139 FT.
- ODF- THS: 33.20'; RKB-THS: 72.09'; ODF CORRECTION: -38.89'.
==========CURRENT LOCATION ==========
**ZULF-240/245 PF:
-ZULF-348: SUSPENDED FOR FLOWBACK.
-ZULF-347: SUSPENDED FOR FLOWBACK.
-ZULF-241: SUSPENDED FOR FLOWBACK.
-ZULF-243: CURRENT WELL, INITIAL ESP INSTALLATION.
-ZULF-240: EXPECTED SPUD: 01/27/2026, INITIAL ESP INSTALLATION.
-ZULF-245: EXPECTED SPUD: 02/09/2026, INITIAL ESP INSTALLATION.
-ZULF-244: EXPECTED SPUD: 03/02/2026, RE-ENTRY/INITIAL ESP INSTALLATION.
-ZULF-242: EXPECTED SPUD: 03/23/2026, INITIAL ESP INSTALLATION.
==========NEXT LOCATION ==========
NO PLATFORM ASSIGNED FOR NEXT RIG MOVE.
==========SAFETY OBSERVATION==========
- TOTAL STOP CARDS REPORTED: 52 CARDS, POSITIVE OBSERVATION: 15 CARDS.
- DISCUSS WITH CREW IN PTSM HSE ALERTS 08-26, 09-26, 10-26.
==========PERSONNEL ON BOARD==========
- ARAMCO MATERIAL EXPIDITER DEEPAK NAIR ID#8643531 ON LOCATION.
- ARAMCO MATERIAL EXPIDITER HASSAN ALQURAISHI ID#816191 ON LOCATION SINCE 27 JAN 2026.
==========
TOTAL BRINE PUMPED: DAILY/ CUMULATIVE: 0 / 950 BBLS.
==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	0API	0	0 Volts	0	9.1	130,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	0	0	7	0 / 0	0	35,600	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	0API	0	0 Volts	0	9	130,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	0	7	0 / 0	0	35,600	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/14/2026	N/A	10-15 KNOTS NW	1-3 FT	VIS 6 NM TEMP 15 DEG	933	TOURLY/WEEKLY

PERSONNEL AND SERVICES INFORMATION

Company	BAL	HCB	GOS	RIG	EMC	ARM	INW	SLL	WCR	ARM	BC	
Category	ALS	BRCR	CTRG	RIG	DFMS	OTHR	SLS	SLS	PRS	WSC	SSSV	
No. of Persons	7	1	13	55	1	2	1	3	4	3	1	Total 91
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	3	18	0	24	24	12	0	0	5	24	0	

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARAMA

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1740	1880	2075	4246	N/A	3385

REPAIR ASAP

Instrumentation	Other	Reporter

LIMITED MORNING REPORT

ZULF-243 WORKOVER-2 BI-60

01/13/2026 - 05/23/2026

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

SFNY-982 WORKOVER-1 BI-60

01/20/2026 - 06/23/2026

أرامكو السعودية
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ADM-507 @ SFNY-982 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-507
Well: SFNY-982
Wellbores: (0) SFNY_982_0

Charge #: (71-22013-0982)
Wellbores: (0) SFNY_982_0

Objective : (DE-COMPLETE, P&A, SIDETRACK, RUN LC & UPPER ESP, FLOWBACK)

Foreman(s): SCOTT, DANIEL THOMAS / MAHMOUD, ABDELTAWAB MAHMOUD
Engineer: MUGABGAB, HASAN ALI / ALGHAMDI, AMR ADEL
Manager: ALRUWAILI, MOHAMMED NAZAL

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4148	3788591	3788588 (H SE TECH)
OTHER VSAT	CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T
3788590 (R R)	3788589 (C LERK)	8167250 (O IM)

Last 24 hr operations
RIH 9-5/8" WBCO & SCRAPE DV/LNR TOP/ WHIPSTOCK/ EZSV SETTING DEPTHS. CONFIRM INJECTIVITY, CHC, POOH T/ SURFACE & L/D. P/U & RIH HALL 9-5/8" EZSV.

Next 24 hr plan
CONT. RIH HALL 9-5/8" EZSV TO SET DEPTH. PERFORM CMT SQUEEZE TO ABANDON LWR COMPLETION. POOH MEANWHILE L/DOWN D.P FOR INSPECTION.

Location: SFNY-980/989 PLATFORM
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,383	9 5/8	6673	5369	7	6,363	9,690	5,369

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9625	7 (01/21/2026@0500)	90	0	255	

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	POST	N	WBCO	HT	BHA	RIG	9690	9690			CONT "P/U, M/U SAMAA 9-5/8"" WBCO ASSY (8-1/2" WELDED CONE RBIT, BIT SUB W/ FLOAT, 9-5/8" STRING MILL, 6-1/2" DC, 9-5/8" CSG SCRAPER, 3 X 9-5/8" STRING MAGNETS, 9-5/8" JUNK BASKET, 3 X 9-5/8" STRING MAGNETS, 9-5/8" JUNK BASKET, 3 X 9-5/8" STRING MAGNETS, 9-5/8" CSG BRUSH, 9-5/8" DRIFT SUB, X-O). - MONITOR WELL ON TRIP TANK, 20 BPH STATIC LOSSES.
0545 - 0730	1.75	0	POST	N	WBCO	TI	STDP	RIG	9690	9690	161	4439	RIH W/ 9-5/8" SAMAA WBCO BHA AT CONTROLLED SPEED ON 5-1/2" DP F/ 161 FT T/4,439 FT. - MONITOR WELL ON TRIP TANK, WELL ON LOSSES 20 BPH.
0730 - 0800	0.5	0	POST	N	WBCO	CIRC	MPMP	RIG	9690	9690			CUMULATIVE TIME FILL UP PIPE - MONITOR WELL ON TRIP TANK, 20 BPH STATIC LOSSES.
0800 - 1030	2.5	0	POST	N	WBCO	WBCO	WBCL	SAM	9690	9690			TAKE PARAMETERS AND WORK 9-5/8" SCRAPER TOOLS ACROSS DV (4,517 FT ODF) TOL (4,607 FT ODF) WHIPSTOCK (4,740 FT ODF) WORK FROM 4,439 FT TO 4,865 FT WITH SCRAPER ASSEMBLY. - FLOW CHECK- 20 BPH STATIC LOSSES.
1030 - 1100	0.5	0	POST	N	WBCO	TI	STDP	RIG	9690	9690	4865	6250	RIH W/ 9-5/8" SAMAA WBCO BHA AT CONTROLLED SPEED ON 5-1/2" DP F/ 4,865 FT T/6,250 FT. - MONITOR WELL ON TRIP TANK, WELL ON LOSSES 20 BPH.
1100 - 1230	1.5	0	POST	N	WBCO	WBCO	WBCL	SAM	9690	9690			TAKE PARAMETERS AND WORK 9-5/8" SCRAPER TOOLS ACROSS EZSV (6,282 FT ODF) WORK FROM 6,250 FT TO 6,360 FT WITH SCRAPER ASSEMBLY. - LIGHTLY TAG TOL @ 6,373.4 ORKB. - FLOW CHECK- 20 BPH STATIC LOSSES.
1230 - 1300	0.5	0	POST	N	WBCO	CIRC	MPMP	RIG	9690	9690			CONDUCT INJECTIVITY TEST: 4 BPM, 750 PSI.
1300 - 1600	3	0	POST	N	WBCO	CIRC	MPMP	RIG	9690	9690			PUMP SWEEPS 2 X B/UP. CHC. - CHECKED DITCH MAGNETS (CLEAN) - MONITOR WELL ON TRIP TANK, 20 BPH STATIC LOSSES.
1600 - 1630	0.5	0	POST	N	WBCO	CIRC	MPMP	RIG	9690	9690			FLOW CHECK PRIOR TO POOH - STATIC LOSSES 15 BPH.
1630 - 1700	0.5	0	POST	N	WBCO	ST	STDP	RIG	9690	9690	6370	5910	POOH 5 STANDS W/ 9-5/8" SAMAA WBCO BHA AT CONTROLLED SPEED ON 5-1/2" DP F/ 6,370 FT T/5,910 FT. - MONITOR WELL ON TRIP TANK, WELL ON LOSSES 15 BPH.
1700 - 1715	0.25	0	POST	N	WBCO	CIRC	MPMP	RIG	9690	9690			FLOW CHECK AFTER POOH 5 STANDS - STATIC LOSSES 15 BPH.
1715 - 2000	2.75	0	POST	N	WBCO	TO	STDP	RIG	9690	9690	5910	490	POOH W/ 9-5/8" SAMAA WBCO BHA AT CONTROLLED SPEED ON 5-1/2" DP F/ 5,910 FT T/490 FT. - MONITOR WELL ON TRIP TANK, WELL ON LOSSES 15 BPH.
2000 - 2230	2.5	0	POST	N	WBCO	CIRC	MPMP	RIG	9690	9690			PU SAMAA BOP JETTING TOOL, JET ACROSS BOP & WELLHEAD, L/D.
2230 - 0300	4.5	0	POST	N	WBCO	HT	BHA	RIG	9690	9690			L/D SAMAA 9-5/8" WBCO ASSY. - RECOVERED 3 KG FINE JUNK FROM STRING MAGNETS - JUNK SUBS ARE CLEAN. - MONITOR WELL ON TRIP TANK, 20 BPH STATIC LOSSES.
0300 - 0330	0.5	0	POST	N	WBCO	HT	STRG	RIG	9690	9690			CLEAN & CLEAR RIG FLOOR. - MONITOR WELL ON TRIP TANK, 20 BPH STATIC LOSSES.
0330 - 0400	0.5	0	POST	N	PA	PJSM	NA	RIG	9690	9690			HPJSM FOR RUNNING HALL 9-5/8" EZSV CMT RETAINER.

LIMITED MORNING REPORT

Username: YUAYANAL
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SFNY-982 WORKOVER-1 BI-60

01/20/2026 - 06/23/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- MONITOR WELL ON TRIP TANK, 20 BPH STATIC LOSSES.
0400 - 0459	1	0	POST	N	PA	HT	BHA	RIG	9690	9690			P/U & M/U HALL 9-5/8" MST & EZSV CMT RETAINER. - MONITOR WELL ON TRIP TANK, 20 BPH LOSSES.

Workover Objectives

Foreman Remarks

RIG DATA:
* NO ANCHORING ALLOWED ON STBD SIDE.
* LAT. 28* 21.71 N AND LONG. 048* 58.81 E
* RIG HEADING 331 DEG
* WATER DEPTH 94.8 FT LAT.
* LEG PENS: BOW 7.9 FT, STBD 10.1 FT, PORT 6.4 FT.
* AIR GAP 50 FT RKB TO MSL 114 FT.
* RKB TO TBG SPOOL = 66 FT & ODF ELEVATION TO TBG SPOOL = 70.4 FT, CORRECTION +4.4 FT.
* RKB TO CV = 57.5 FT.

==========

SFNY-982 CSG WELL DESIGN:
24" CASING ACTUAL 738 FT ODF.
18-5/8" CASING ACTUAL 1,785 FT MD ODF.
13-3/8" CASING ACTUAL 4,657 FT MD ODF.
9-5/8" CASING ACTUAL 6,673 FT MD ODF.
7" X 5-1/2" ICD SCREENS (6,392 FT - 9,672 FT FT ODF).
13 X 18 CCA 50 PSI, 9 X 13 CCA ZERO & TCA ZERO.

==========

HSE:
-TOTAL OBSERVATION :79 - SAFE 45- UNSAFE 34
-DISCUSSED WITH CREW HSE ALERTS: #8-26, 09-26 ,10-26, KINGDOM1 NM ,REEL-SAFE 02-26 - ANKLE INJURY WHILE RIH
-DRILLS: 01-JAN-2026 - LIFEBOAT DRILL / 01-JAN-2026 - MAN OVERBOARD DRILL / 13-JAN-2026 - HELICOPTER CRASH FIRE DRILL/21-JAN-2026 - H2S & ABANDON DRILL.
-LOST TIME INCIDENTS: 0 , NEAR MISSES (NM): 0 FAC :1 ON 20-09-2025 (FAC DURING REMOVE THE CAP FROM THE FAIL-SAFE VALVE)

==========

PERSONNEL:
* ARAMCO MATERIAL EXPEDITOR MUHAMMAD SULEMAN ID# 8619350 ONBOARD SINCE 13TH JANUARY 2026.
* ARAMCO FOREMAN MANSOUR J ALJASSER ID# 808651 DEPARTED ADM-507 26TH JANUARY TO MOVE TO ADM-510.

==========

ADES MANAGEMENT VISIT:
* ADES RIG MGR EMMANUEL FORDJOUR ID#8598077 LEFT ON 01-02-2026.
* ADES QHSE SUPERVISOR KARIM AHMED ID#8218376 LEFT ON 01-11-26

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SFNY-980/989 P/F OPERATION SEQUENCE:
* SFNY-984: WELL KILL, DE-COMPLETE, ST AND DRILL NEW RESERVOIR SECTION. RUN LC & RUN NEW SL ESP COMPLETION. (PENDING FLOWBACK.)
* SFNY-987: WELL KILL, DE-COMPLETE, ST AND DRILL NEW RESERVOIR SECTION. RUN LC & RUN NEW SL ESP COMPLETION. (PENDING FLOWBACK.)
* SFNY-982: WELL KILL, DE-COMPLETE, ST AND DRILL NEW RESERVOIR SECTION. RUN LC & RUN NEW SL ESP COMPLETION. (CURRENT)
* SFNY-986: WELL KILL, DE-COMPLETE, ST AND DRILL NEW RESERVOIR SECTION. RUN LC & RUN NEW SL ESP COMPLETION.
* SFNY-988: WELL KILL, DE-COMPLETE, ESP CHANE OUT COMPLETION.
* PERFORM ESP FLOWBACK ON THE RIG FOR ALL WELLS SFNY-984/987/982/986/988 AS PER RMD AND RELEASE.

==========

* SUSPENSION KITS ONBOARD: 2 EA 9-5/8" EZSV CMT RETAINER, 2 EA 7" EZSV CMT RETAINER, HALLIB 9-5/8" MST, 7" MST, 9-5/8" RTTS PKR & STORM VALVE.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	9,690	90.22	48.5	0	5,371	1128.1	1355.2	5,785.07	0.45

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	0	9.5	33,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	7	0	2 / 3	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	0	4	4	1 / 2	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	0	9.4	33,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	7	0	2 / 3	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
47	0	4	4	1 / 2	0	0	0

MUD TREATMENT

HEC	CAOH2	DUOVIS-NS	STELSEALFN	STELSL50	STELSL400	MRBL-F
3 (55LB)	1 (25KG)	5 (55LB)	35 (50LB)	35 (50LB)	35 (50LB)	5 (2200L)
MRBL-M	**MRBL-C**	**NUTPLUG**				
3 (2200L)	2 (50LB)	70 (50LB)				

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

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LIMITED MORNING REPORT

SFNY-982 WORKOVER-1 BI-60

01/20/2026 - 06/23/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	TOURLY	8 - 10 KNTS SE	1 - 2 FT	SEASONAL	987	TOURLY & AS REQUIRED

PERSONNEL AND SERVICES INFORMATION

Company	HCB	GOS	BHI	RIG	BDF	ARM	HCM	ARM	SAM	SMI	BRD	WI3
Category	BRCR	CTRG	DPDS	RIG	DFMS	OTHR	PCS	WSC	WBCS	DFMS	SCS	WPSTK
No. of Persons	1	13	2	53	1	1	2	2	1	1	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	12	12	12
Operating Hours.	5	0	0	24	12	12	24	24	20	12	0	0

Total
79

TRUCKS/BOATS

Standby/Tankers
RAWABI-207

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1573	982	1216	5524	0	4070

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ZULF-458 WORKOVER-1 BI-90

01/24/2026 - 02/02/2026

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ADM-510 @ ZULF-458 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-510
Well: ZULF-458
Wellbores: (1) ZULF_458_1

Charge #: (64-25062-0458)
Wellbores: (1) ZULF_458_1

Objective : (H | SSSV: REPAIR OR CHANGE SUB-SURFACE SAFETY VALVES)

Foreman(s): MAHMOUD, MOHAMED ELSAYED / ALJASSER, MANSOUR JASSER
Engineer: AHMAD, TAUSIF / QQAILY, MOHAMMED AMEEN
Manager: ALRUWAILI, MOHAMMED NAZAL

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
8821677713 756	577-1102	5 74-1738

CONTRACTOR /CLERK VSA T: 574-1739 R ADIO ROOM

Last 24 hr operations: TROUBLESHOOT PRESSURE BUILD UP INSIDE TBG. SET BARRIERS. CHANGE OUT TREE & P/TEST.

Next 24 hr plan: R/U SAPESCO SL PCE & P/TEST. RETRIEVE BARRIERS, CONVERT TO WRSSSV & FUNCTION TEST.

Location: ZULF-450/459 PF

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,350	9 5/8	8450	6134	7	6,057	8,653	6,114

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11350	3.2 (01/25/2026@1500)	100	0	253	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1400	9	1	POST	N	DCOM	OTH	NA	RIG	11350	11350			TROUBLESHOOT TRAPPED PRESSURE ABOVE SHALLOW-SET PX PLUG. - PRESSURE DROPPED GRADUALLY F/ 100 PSI T/ ZERO. - FLOW CHECK - NO FLOW. - PRESSURE TEST PX PLUG TO 1000 PSI - GOOD TEST. - ESP ENG. CHECKED ESP CABLE INTEGRITY- OK (P-P: 3.1 OHM, P-G @ 5 MIN: 1.19 GOHM, P-G @ 10 MIN: 2.10 GOHM)
1400 - 1500	1	1	POST	N	DCOM	OTH	NA	RIG	11350	11350			DISCUSS W/ ENGINEERING, DICESION MADE TO RETRIEVE PX PLUG SET @ 283' AND RE-CONFIRM BOTTOM BARRIER INTEGRITY (4-1/2" ME PLUG SET @ 5455').
1500 - 1700	2	1	POST	N	DCOM	OTH	NA	RIG	11350	11350			R/U S/L & PERFORM THE FOLLOWING: - RETRIEVED PRONG, WATCHED APPLIED 500 PSI PRESSURE DROP TO 110 PSI. POOH. - RETRIEVE PX PLUG. POOH.
1700 - 2000	3	1	POST	N	DCOM	OTH	NA	RIG	11350	11350			TROUBLESHOOT TRAPPED PRESSURE ABOVE 4-1/2" ME PLUG. - BLEED OFF, PRESSURE DROPPED GRADUALLY F/ 110 PSI TO ZERO. - FLOW CHECK - NO FLOW. - PRESSURE TEST PLUG TO 1000 PSI - GOOD TEST. VOLUME TO STAGE UP PRESSURE (1.75 BBL/1,000 PSI).
2000 - 2100	1	1	POST	N	DCOM	SET	PLUGT	SPL	11350	11350			S/L RIH & SET 4-1/2" INTERWELL ME PLUG @ 220 FT. POOH.
2100 - 2130	0.5	1	POST	N	DCOM	OTH	NA	RIG	11350	11350			PRESSURE TEST PLUG TO 1,000 PSI - GOOD TEST. - VOLUME PUMPED TO STAGE UP PRESSURE (1.25 BBL/1,000 PSI).
2130 - 2230	1	1	POST	N	DCOM	OTH	NA	RIG	11350	11350			MONITOR WELL FOR PRESSURE BUILD UP. - WELL STATIC.
2230 - 0000	1.5	1	POST	N	DCOM	ND	SNIP	SPL	11350	11350			R/D SAPESCO S/L PCE & RISER.
0000 - 0200	2	1	POST	N	WH	ND	TREE	DEL	11350	11350			N/D OLD DELTA 4-1/16" 3M PRODUCTION TREE.
0200 - 0400	2	1	POST	N	WH	NU	TREE	GEP	11350	11350			N/U NEW BAKER 4-1/16" 3M PRODUCTION TREE.
0400 - 0459	1	1	POST	N	WH	NU	TREE	GEP	11350	11350			P/TEST PRODUCTION TREE TO 300/2500 PSI - GOOD TEST.

Workover Objectives

Foreman Remarks

* ZULF-454: RUN PLT & SET HEX PLUG TO PLUG WATER INTERVAL (COMPLETED).
* ZULF-456: TRUBLESHOOT TRSSSV (COMPLETED).
* ZULF-459: TRUBLESHOOT TRSSSV (COMPLETED).
* ZULF-458: TRUBLESHOOT TRSSSV (CURRENT).

==========

* RKB TO THS: 77 FT
* ODF TO THS: 53.5 FT.
* ODF CORRECTION: -23.5 FT.

==========

* CURRENT LOCATION: ZULF-454/459 PLATFORM
* LONGITUDE: 049 DEG 06.13' E
* LATITUDE: 28 DEG 23.50' N
* RIG HEADING: 328 DEG
* WATER DEPTH: 120 FT.
* AIR GAP: 56 FT.
* RKB TO MSL: 175.5 FT.
* FINAL LEG PENETRATION: BOW: 16.07 FT, STBD: 14.76 FT & PORT: 12.79 FT.
* NO ANCHORAGE RESTRICTION ON CURRENT LOCATION.

LIMITED MORNING REPORT

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ZULF-458 WORKOVER-1 BI-90

01/24/2026 - 02/02/2026

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DRILLS:
* CONDUCTED FIRE, H2S, ABANDON DRILLS ON 20/01/2026.
==========
* FS AND ARAMCO FOREMAN CHECK WELLS THRU X,MASS TREE ALL WELLS ZERO PRESSURE ON 12/01/2025.
==========
PERSONNEL ON LOCATION:
* ARAMCO MATERIAL EXPEDITOR AYED S ALSHAMMARI ID# 296663 ONBOARD SINCE 20TH JANUARY 2026 .
* ARAMCO HSE ADVISOR PREM BENIL ID# 8601444 ONBOARD SINCE 13TH JANUARY 2026
==========
CONTRACTOR MANAGEMENT VISITS:
* ADES RIG MANAGER CUAUHTEMOC ZAPATA ID #8558716 VISITED RIG ON 18-JAN-26 & DEPARTED ON 23-JAN-26.
* ADES OP'S MANAGER MOSAB OSAMA ID# 8523715 VISITED RIG ON 07-JAN-26 & DEPARTED ON 08-JAN-26.
* ADES MAINT. SUPERVISOR AHMED MASOUD ID# 8369032 VISITED RIG ON 07-JAN-26 & DEPARTED ON 08-JAN-26
* ADES QHSE SUPERVISOR HOSSAM HELMY SHEHATA ID# 8328262 VISTED RIG ON 07-JAN-26.
==========
RECEIVED 20,000 USG DIESEL FROM RAWABI-4, MNIFEST #2101358069 ON 01/01/2026.
RECEIVED 76 TON CEMENT & 2850 FT3 BARITE FROM RAWABI-4, MNIFEST #2101358069 ON 01/02/2026.
==========
NEXT PLATFORM MRJN 410/419 TO WORK ON MRJN-415 & MRJN-416.
* EXPECTED RIG MOVE IS +/- 28-JAN-2026.
* DEPPRESSURIZATION E-MAIL HAD BEEN SENT ON 17-DEC-2025.
* SEA BED SURVEY CRM-SR 8000653084, RECIEVED ON 16-DEC-2025..
* SEA BED SURVEY & BORE HOLE DATA SENT TO ADES ON 8-JAN-2026.
* RECEIVED LA & LPA FROM ADES ON 01/18/2025 & FORWARDED TO RMM.
* RM-2026-4014014 FROM ZULF-450/459 TO SEA ISSUED ON 7-JAN-2026.
*RM-2026-4014015 FROM SEA TO MRJN-410/419 ISSUED ON 7-JAN-2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	0API	0	0 Volts	0	10.4	120,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
27	0	0	4	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	0API	0	0 Volts	0	10.2	120,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
27	0	0	4	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	SEASONAL	1,503	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	BAL	INW	GOS	RIG	BDF	ARM	SCM	SPL	SLL	ARM	GEP
Category	ALS	BRCR	CTRG	RIG	DFMS	OTHR	PCS	SLS	SLS	WSC	WHES
No. of Persons	1	1	13	52	1	2	3	5	2	2	1
Personnel on Loc. Hrs.	18	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	24	12	12	24	16	0	24	3

Total
83

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
7279	1208	843	3398	0	1129

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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SFNY-490 WORKOVER-3 BI-90

01/15/2026 - 02/12/2026

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ADM-655 @ SFNY-490 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
ADM-655	(64-25013-0490)	(3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)	ALSHAMMARI, ABDULLAH MOHAMMED / BAYAT, HESHAM SALAM INFRA, MORRY ZAHRANI, ALI IBRAHIM
Well: SFNY-490	Wellbores: (0) SFNY_490_0		
Wellbores: (0) SFNY_490_0			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00 88 216 777 110 74	378-7471	378-7473 (RR)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-892-40 75 (OIM)	378-7472	

Last 24 hr operations
RUN ESP UPPER COMPLETION. DRIFT TBG AS REQUIRED.

Next 24 hr plan
RUN ESP UPPER COMPLETION. TERMINATE THRU HGR, DISP TO INHIB BRINE. SET BARRIERS, SET PACKER, N/D BOP, N/U TREE.

Location
PF SFNY-29, 490/491

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,864	7	7009	5530	4 1/2	6,829	8,864	5,382

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8864	12.6 (01/15/2026@1400)	100	0	241	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0715	2.25	0	EOW	C	COMP	HT	PKR	SBA	8864	8864			CONT PU & MU 7" X 2-7/8" ESP PKR ASSY: (PJ 2-7/8", 6.4# NVAM + 7" ESP PKR + PJ 2-7/8", 6.4# NVAM) + XO 2-7/8" NVAM PIN * 3-1/2" EUE BOX. - MONITOR WELL THRU TRIP TANK, WELL STATIC.
0715 - 0930	2.25	0	EOW	C	COMP	DTU	DRFT	SLL	8864	8864			R/U SLB SLICK LINE & PT 2000 PSI. - RIH W/2.3" DRIFT, TAG XN NIPPLE AT 79 FT, POH. - RIH W/ 1.9" DRIFT AND PASS XN NIPPLE TO 189 FT. - R/D SLB S/L. - MONITOR WELL THRU TRIP TANK, WELL STATIC.
0930 - 1030	1	0	EOW	C	COMP	HT	TBG	RIG	8864	8864			MU 1 JT X 3-1/2" 9.3# EUE TBG W/ FOSV ABOVE ESP PKR, PULL PKR TO RIG FLOOR. - MONITOR WELL THRU TRIP TANK, WELL STATIC.
1030 - 1500	4.5	0	EOW	C	COMP	HT	TBG	RIG	8864	8864			HPJSM, BIW TERMINATE ESP MAIN POWER ELECTRICAL CABLES ABOVE PKR. - CHECK CABLE INTEGRITY, CABLE READING: P-P: 3.5 OHM, P-G: 8.97 GOHM. - MONITOR WELL ON TRIP TANK, STATIC.
1500 - 1600	1	0	EOW	C	COMP	HT	ESP	SBA	8864	8864			R/U SAWAFI SHEEVE ON DERRICK FOR ROUND CABLE. - MONITOR WELL ON TRIP TANK, STATIC.
1600 - 1630	0.5	0	EOW	C	COMP	HT	TBG	RIG	8864	8864	275	428	RIH W/ SAWAFI ESP ASSY ON 3-1/2" 9.3# J-55 EUE TBG. - CORRECT HOLE DISPLACEMENT.
1630 - 1830	2	0	EOW	C	COMP	RPCS	SPCOM	RIG	8864	8864	428	1261	RIH W/ SAWAFI ESP ASSY ON 3-1/2" 9.3# J-55 EUE TBG. - CORRECT HOLE DISPLACEMENT.
1830 - 1915	0.75	0	EOW	C	COMP	HT	ESPL	SBA	8864	8864			CHECK CABLE INTEGRITY, P-P 3.6 OHM, P-G 6.4 G-OHMS IN 10 MINS. - MONITOR WELL ON TRIP TANK, STATIC
1915 - 2145	2.5	0	EOW	C	COMP	RPCS	SPCOM	RIG	8864	8864	1261	2280	RIH W/ SAWAFI ESP ASSY ON 3-1/2" 9.3# J-55 EUE TBG. - CORRECT HOLE DISPLACEMENT.
2145 - 2230	0.75	0	EOW	C	COMP	HT	ESPL	SBA	8864	8864			CHECK CABLE INTEGRITY, P-P 3.6 OHM, P-G 4.71 G-OHMS IN 10 MINS. - MONITOR WELL ON TRIP TANK, STATIC
2230 - 0015	1.75	0	EOW	C	COMP	DTU	DRFT	SLL	8864	8864			R/U SLB SLICK LINE & PT 2000 PSI & PREFORM THE FOLLOWING: - RIH W/2.867" DRIFT TO 2033 FT. - R/D SLB S/L. - MONITOR WELL THRU TRIP TANK, WELL STATIC.
0015 - 0245	2.5	0	EOW	C	COMP	RPCS	SPCOM	RIG	8864	8864	2280	3356	RIH W/ SAWAFI ESP ASSY ON 3-1/2" 9.3# J-55 EUE TBG. - CORRECT HOLE DISPLACEMENT.
0245 - 0330	0.75	0	EOW	C	COMP	HT	ESPL	SBA	8864	8864			CHECK CABLE INTEGRITY, P-P 4.7OHM, P-G 4.5 G-OHMS IN 10 MINS. - MONITOR WELL ON TRIP TANK, STATIC
0330 - 0459	1.5	0	EOW	C	COMP	RPCS	SPCOM	RIG	8864	8864	3356	4007	RIH W/ SAWAFI ESP ASSY ON 3-1/2" 9.3# J-55 EUE TBG. - CORRECT HOLE DISPLACEMENT.

Workover Objectives

Foreman Remarks

- ODF TO TBG SPOOL = 52 FT, PRT TO TBG SPOOL = 47 FT, CORRECTION: +5 FT.
==========
- ARAMCO MATR'L EXPEDITOR IBRAHIM ALSAEDI BADGE #8513907 ON BOARD SINCE 06-JAN-2026.
==========

LIMITED MORNING REPORT

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SFNY-490 WORKOVER-3 BI-90

01/15/2026 - 02/12/2026

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- LAST CONTRACTOR MANAGEMENT VISIT: RIG MGR & OPS MGR ON 23-DEC-2025.
==========
SUSPENSION KIT ON BOARD:
-1 EA, 7" EZSV.
- 2 EA, 9-5/8" FAST DRILL.
- 1 EA, 7.0" FAST DRILL.
- 1 EA 4-1/2" FAST DRILL
==========
- CURRENT LOCATION SFNY-29, 490/491,1223 PF: 2 WELLS TO BE WORKOVER "ESP REPLACEMENT" : SFNY-1223: SUSPEND FOR FLOWBACK & SFNY-490: ONGOING.
- RECEIVED EMAIL FROM WOE ON 1/26/2026 A NOISE LOG OPERATION WILL BE PERFORM IN TWO WELLS SFNY-1223 & SFNY-491 WITH CT SIMULTANEOUSLY WHILE FLOWING THE WELL SUPPLEMENT WILL BE ISSUED.
==========
-NEXT LOCATION SFNY-30, 488/489 PF: 1 WELL TO BE WORKOVER: SFNY-489 (ESP REPLACEMENT)
-SBS REQUEST # 8800025366 SUBMITTED ON 9-JAN-2026.
- BHD SHARED WITH ADES TEAM ON 10-JAN-2026. RECEIVED LPA & LA.
- RIG MOVE REQUST RM-2026-4013955 SUBMITTED ON 10-JAN-2026.
==========
-2ND NEXT LOCATION SFNY-8, 508/510 PLATFORM PF: 1 WELL TO BE WORKOVER: SFNY-508 (ESP REPLACEMENT)
-SBS REQUEST # 8000653596 SUBMITTED ON 9-JAN-2026.
==========HSE==========
- 20 DAILY SAFETY OBSERVATION SUBMITTED.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	11 KTS NW	7 FT	14 DEG, 3 NM VIS	5,783	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SBA	INW	LIG	HCO	RIG	BDF	ARM	SLL	ARM	RWC
Category	ALS	BRCR	CTRG	PSSC	RIG	DFMS	OTHR	SLS	WSC	WTSE
No. of Persons	7	1	12	1	48	1	1	3	2	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	0	0	24	24	12	1	24	0

Total
80

TRUCKS/BOATS

Standby/Tankers
RAWABI-207

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
524	725	389	N/A	N/A	484

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ABSF-136 WORKOVER-3 BI-60

01/14/2026 - 02/14/2026

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ADM-656 @ ABSF-136 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-656
Well: ABSF-136
Wellbores: (0) ABSF_136_0

Charge #: (72-25019-0136)
Wellbores: (0) ABSF_136_0

Objective : (2 | ESP: INITIAL INSTALLATION OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s) ANDREWS, DAVID RICHARD / SHAMMARI, ABDULAZIZ DAKHEEL
Engineer ALSHAIKHMOBARAK, MUBARAK WAEL
Manager OTAIF, HASSAN WAFI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11086	378-6304	378-6325

CONTRACTOR /CLERK VSA T: 378-6331

Last 24 hr operations
CONT WOW, WORK WITH BOAT AND OFFLOAD ACID TANKS, MIX ACIDIC BRINE, PUMP PICKLE SWEEP AND CHC, FC

Next 24 hr plan
RIH TO TD, SPOT AND DISPLACE ACIDIC BRINE IN OH AS PER PROGRAM, POH C/OUT BHA, JET BOP, PREPARE TO RUN DUAL ESP COMPLETION

Location: ABSF 62, 130/137
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,366	9 5/8	8899	6690				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11366	10.7 (01/17/2026@1200)	100	0	79	

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1500	10	0	POST	N	CT	WO	NA	ARM	11366	11366			WOW TO IMPROVE AND OFFLOAD ACID TANKS FROM BOAT. MEANWHILE CIRCULATE CONDITION BRINE WT IN/OUT 68 PCF. - CONT MONITOR WELL STATIC LOSSES @ 3 BBL/HR AND BREAK CIRCULATION WITH 68 PCF BRINE AT SPR.
1500 - 1930	4.5	0	POST	N	CT	WO	NA	ARM	11366	11366			START WORKING WITH BOAT POSH GEMSBOK TO OFFLOAD AND SPOT TAQA ACID TANKS WITH RELATED EQUIPMENT ON MAIN DECK. - CONT MONITOR WELL STATIC LOSSES @ 4 BBL/HR AND BREAK CIRCULATION WITH 68 PCF BRINE AT SPR.
1930 - 2230	3	0	POST	N	CT	CIRC	MPMP	RIG	11366	11366			CIRCULATE HOLE CLEAN WITH 68 PCF BRINE IN AND OUT AT 5 BPM / 450 PSI. DYNAMIC LOSSES AT 9 BPH. - FLOW CHECK WELL AFTER CIRCULATION: 5 BPH STATIC LOSSES. KEEP MONITORING WELL ON TRIP TANK. - MEAN WHILE, R/U TAQA ACID TANKS AND CONNECT HOSES BETWEEN THE TANKS.
2230 - 2300	0.5	0	POST	N	CT	PJSM	STRG	RIG	11366	11366			HOLD PJSM WITH TAQA AND RIG CREW PRIOR TO MIX ACIDIC BRINE IN TAQA TANKS.
2300 - 0200	3	0	POST	N	CT	CIRC	MPMP	RIG	11366	11366			START MIXING 270 BBL OF 7% HCL ACIDIC BRINE IN TAQA TANKS ON MAIN DECK. - MEANWHILE RIG UP CEMENT HEAD AND CONNECT SAME TO HALL CEMENT UNIT MANIFOLD.
0200 - 0230	0.5	0	POST	N	CT	PJSM	STRG	RIG	11366	11366			HOLD PRE-JOB SAFETY MEEING WITH RIG CREW, TAQA AND HALL. PERSONEEL PRIOR TO PUMP PICKLE SWEEP AND RIH TO TD.
0230 - 0300	0.5	0	POST	N	CT	CIRC	MPMP	RIG	11366	11366			FLUSH AND PT CEMENT LINES TO 2,500 PSI FOR 10 MIN (GOOD TEST).
0300 - 0445	1.75	0	POST	N	CT	CIRC	MPMP	RIG	11366	11366			PUMP 20 BBL 7% HCL ACIDIC BRINE THEN DISPLACE SAME WITH 68 PCF BRINE AT 330 GPM / 950 PSI. CONFIRM CELAR 68 PCF BRINE IN AND OUT.
0445 - 0459	0.25	0	POST	N	CT	CIRC	MPMP	RIG	11366	11366			FLOW CHECK WELL, 5 BPH STATIC LOSSES.

Workover Objectives

Foreman Remarks

ODF TO TBG SPOOL: 57.6 FT, PRT TO TBG SPOOL: 61.56 FT, ODF CORRECTION: -3.9 FT.
==========
- RIG HEADING: 331 DEGREES.
- LEG PENETRATIONS: BOW, PORT & STBD 9FT.
- WATER DEPTH: 67FT.
- CANTILEVER SKIDDED : 53 FT
==========
- DRILLS:
==========
- REVIEWED: HSE ALERT 08-26, HSE ALERT 09-26 AND HSE ALERT 10-26
==========
- DAILY LOSSES TO FORMATION: 100 BBLS.
- TOTAL LOSSES TO FORMATION: 2,775 BBLS.
==========
- WELL SUSPENSION KIT: OK.
==========
- RIG CLERK, MOHAMMAD IQUBAL, BADGE# 8597765 ON BOARD SINCE 05/03/25.
- FCT, MOHAMMED IBRAHEM, BADGE# 783760 ON BOARD SINCE 12/30/25.
==========
CURRENT PLATFORM: ABSF 62,130/137 (ONE WELL TO WORKOVER: ABSF-136 DUAL ESP).
==========

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LIMITED MORNING REPORT

ABSF-136 WORKOVER-3 BI-60

01/14/2026 - 02/14/2026

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NEXT PLATFORM: ABSF 90/98 (ONE WELL TO WORKOVER: ABSF-93 ESP CHANGE-OUT).
- RECEIVED COPY OF LPA ON 01/22/22.
- REQUESTED LOCATION APPROVAL FROM ADES ON 08/14/25. RECEIVED COPY OF LOCATION APPROVAL ON 09/08/25.
- SUBMITTED SEABED SURVEY REQUEST# 8800024567 ON 08/21/25. RECEIVED COPY OF SURVEY ON 09/07/25 (NO DEBRIS REMOVAL REQUIRED).
- FIELD SERVICE TO SECURE ABSF-94 WITH ISOLATION PLUG.

==========

SUBSEQUENT PLATFORM: ABSF 100/106, 192/193 (ONE WELL TO WORKOVER: ABSF-104 ESP CHANGE-OUT).
- SUBMITTED BOREHOLE DATA TO ADES FOR LPA ON 12/21/25.
- REQUESTED LOCATION APPROVAL FROM ADES ON 12/21/25.
- SUBMITTED SEABED SURVEY REQUEST# 8800025242 ON 12/22/25.

==========

- OILSERV 3-3/8" DRILLING JAR WITH 2-3/8" IF CONN, S/N HJDA-338-0008 RECEIVED ON MANIFEST# 2101340907 ON 12/12/25.
- OILSERV 3-3/8" DRILLING JAR WITH 2-3/8" IF CONN, S/N HJDA-338-0008 BACKLOADED ON MANIFEST# 2400795028 ON 01/18/26.
- W/FORD 4-3/4" DRILLING JAR WITH XT-39 CONN, S/N 14207600 RECEIVED ON MANIFEST# 2101368377 ON 01/18/26.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	11,366	90.2	38.3	0	6,708	1753.48	331.16	5,854.57	0.11

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	0API	0	0 Volts	0	9.8	72,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WBM-NAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	0API	0	0 Volts	0	9.8	72,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WBM-NAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	0	0 / 0	0	0	0

MUD TREATMENT

BCTRN	CAUST	H2S-SCAV-L	ECCO-TEMP	NACL	XC
6 (5GL)	3 (50LBP)	2 (55GL)	3 (50LB)	18 (2200L)	2 (50LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	NONE	08 - 10 KNOTS	0.5 0.75 FT	WINDY	6,125	N/A

PERSONNEL AND SERVICES INFORMATION

Company	KSC	HCB	ABE	RIG	GDF	RIG	ARM	HCM	HSL	SLL	SJT	FMC	ARM	OWT
Category	ALS	BRCR	CTRG	RIG	DFMS	OTHR	OTHR	PCS	SLS	SLS	SFS	PRS	WSC	WTSE
No. of Persons	7	1	13	45	1	1	2	2	1	3	2	4	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	24	0	12	2	0	0	15	0	24	0

Total
86

TRUCKS/BOATS

Standby/Tankers
zamil-501

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1116	359	946	133	N/A	750

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LEO SATELLITE ANTENNA IS INSTALLED ON RIG, WAITING FOR LEO SYSTEM TO BE COMMISSIONED.

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Username: YUAYANAL
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LIMITED MORNING REPORT

SFNY-1278 DEVELOPMENT DRILLING BI-60

11/02/2025 - 03/11/2026

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ADM-657 @ SFNY-1278 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-657
Well: SFNY-1278
Wellbores: (0) SFNY_1278_0

Charge #: (66-25013-1278)
Wellbores: (0) SFNY_1278_0

Objective : (SL OIL PRODUCER TARGETING SAFANIYA RESERVOIR.)

Foreman(s): SAMSUDIN, SYAHRIZAL BIN
Engineer: MANDEL, CHRISTIAN MARKUS / ALSHAMLAN, FAHD MUHAMMAD
Manager: SHAMMARY, FAHAD SALEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0882162370 0035	378-6561	378-6563 (RR)

CONTRACTOR /CLERK VSA T: 378-6562 (CLERK)

Last 24 hr operations: M/U 8 1/2" DRLG BHA, RIH & RE-LOG. COMMENCE DRILLING 8-1/2" HOLE SECTION.

Next 24 hr plan: CONTINUE DRILLING 8 1/2" HOLE SECTION.

Location: SFNY-194/199 1274/1279 PF

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,685	9 5/8	6974	5412				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6984	21.4 (01/24/2026@1900)	100	701	232	

Formation Tops

Formations	Top Depth	Comments
SCFS	5,967	5333 FT TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	12 1/4	N	DRLG	PJSM	NA	RIG	6984	6984			PJSM HANDLING BHA & RA SOURCE.
0530 - 1200	6.5	0	12 1/4	N	DRLG	HT	BHA	RIG	6984	6984			M/U 8 1/2" BAKER AUTOTRAK/MLWD W/ VISITRAK BHA. LOAD RA SOURCE. M/U TASMAN HM JAR.
1200 - 1215	0.25	0	12 1/4	N	DRLG	HT	BHA	RIG	6984	6984			RIH 8 1/2" DRLG BHA ON HWDP.
1215 - 1545	3.5	0	12 1/4	N	DRLG	TI	STDP	RIG	6984	6984	317	6858	RIH 8 1/2" DRLG BHA ON DP. FILL STRING EVERY 10 STANDS.
1545 - 1800	2.25	0	12 1/4	N	DRLG	LOG	LWD	BHI	6984	6984	6858	6962	RELOG AS PER GOC.
1800 - 1830	0.5	0	12 1/4	N	DRLG	DFS	RSS	BHI	6984	6984	6962	6984	DRILL OUT REMAINING SHOE TRACK & F/SHOE. CLEAN OUT RAT HOLE.
1830 - 0459	10.5	0	8 1/2	N	DRLG	DCG	RSS	BHI	6984	7685			COMMENCE DRILLING 8 1/2" HOLE SECTION WITH BAKER HUGHES ATK RSS/MLWD/VISITRAK. > REAM UP/REAM DOWN AT CONN, TAKE SURVEY > PUMP SWEEPS AS REQUIRED.

Foreman Remarks

SFNY-1278 WILL BE DRILLED AS SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING SFNY RESERVOIR TO A TOTAL DEPTH OF +/- 9,740 FT MD/ 5,417 FT TVD WITH +/-3,000 FT OF RESERVOIR CONTACT TO MAINTAIN PRODUCTION POTENTIAL. THIS WELL WILL BE DRILLED FROM SLOT #3 ON SFNY-194/ 199,1274/ 1279 PLATFORM. THE WELL WILL BE COMPLETED WITH 5-1/2" ICD'S AND 350 MICRON SAND SCREENS, OPEN HOLE MECHANICAL PACKERS FOR ZONAL ISOLATION, DOWN HOLE PACKER, ESP, Y-TOOL AND 4-1/2" TUBING WITH FLAPPER TYPE SUBSURFACE SAFETY VALVE.

PLANNED 18-5/8" CSG J/K-55 115# BTC @ 905' MD / 903' TVD, ACTUAL 915' MD / 913' TVD (50' TVD INSIDE RUS)
PLANNED 13-3/8" CSG J/K-55 68# BTC @ 4,424' MD / 4,324' TVD, ACTUAL 4478' MD / 4389' TVD (100' TVD INSIDE LAMS)
PLANNED 9-5/8" CSG L-80.1 40# BTC @ 6,740' MD / 5,400' TVD, ACTUAL 6974' MD / 5412' TVD (127' INSIDE SFNY)
PLANNED 8-1/2" WELL TD @ 9,740' MD / 5,417' TVD, ACTUAL XXX' MD / XXX' TVD (INSIDE SFNY)

----BATCH DRILLING SEQUENCE ----------
- 22" SFNY-1277 (COMPLETED), 1278 (COMPLETED), 1279 (COMPLETED)
- 16" SFNY-1277 (COMPLETED), 1278 (COMPLETED), 1279 (COMPLETED)
- 12-1/4" SFNY-1277 (COMPLETED), 1278 (COMPLETED), 1279 (COMPLETED)
- 8-1/2" & EOW SFNY-1279 (COMPLETED), 1278, 1277
- FLOW BACK SFNY-1277,1278, 1279.

==========HSE ALERTS, DRILLS, & INCIDENTS==========
** ACCUMULATOR / BOP DRILL ON 01/20/2025
** HELD SPILL DRILL ON 01/11/2026
** HELD SECONDARY DRILL ON 21, 03, 2025.
** HELD H2S & ABANDONMENT DRILL ON 01/25/2026
** HELD MAN DOWN DRILL ON 12/27/2025
** HELD H2S RESCUE DRILL ON 12/27/2025
** HELD FIRE DRILL ON 12/27/2025
** HELD MAN OVERBOARD ON 12/28/2025
** HELD RESCUE AT HEIGHTS DRILL ON 01/05/2026
** HELD CONFINED SPACE DRILL ON 10/23/2025
** WELL CONTROL DRILLS (PIT DRILL, TRIP DRILL) 01/07/2026
** WEEKLY HSE CAMPAIGN (ARAMCO FIRE INCIDENTS CAMPAIGN | ADES HEART ATTACK AWARENESS CAMPAIGN)
** SWA DRILL DAILY 2
==========PERSONNEL==========
>ARAMCO MATERIAL EXPEDITOR, AHMED AL OBAID, ID 821406, LEFT THE RIG ON 1/27/2026.
>ARAMCO DE, CHRISTIAN MANDEL, ID 896702, LEFT THE RIG 01/18/2026.
>ARAMCO FCT FADHEL HOMOOD #827231 ONBOARD SINCE 01/16/2026.
>ADES RIG MANAGER AHMED MAHER LEFT RIG ON 1/11/2026
>PREVIOUS VISIT ADES OPERATIONS MANAGER EHAB MOHAMED ID #8300369; 03/25/2025.
>PREVIOUS VISIT ADES SAFETY SUPERVISOR TAREK ATTIA ID# 8216943; ON 08/18/2025.

LIMITED MORNING REPORT

SFNY-1278 DEVELOPMENT DRILLING BI-60

11/02/2025 - 03/11/2026

==========CURRENT LOCATION==========
SFNY-194/199, 1274/1279 PLATFORM:
> LAT: 28 DEG, 1.15' N & LONG: 048 DEG 47.02 E
> WATER DEPTH: 27'
> RIG HEADING: 049 DEG
> AIR GAP: 49'
> RKB - LAT = 115'
> FINAL PENETRATIONS: BOW 11.3', PORT 9', STBD 10.8'

========== PRE-SPUD MEETING==========
> CONDUCTED PRE-SPUD PRESENTATION WITH DRILLING ENGINEER DISCUSSED SFNY-1277,1278,1279 FORWARD PLAN & STUCK PIPE PREVENTION PRESENTATION.
> PRE-SECTION MTG (12-1/4") HELD WITH DE, MUD SPECIALIST & BAROID TEAM ON 12/8/2025

==========RENTAL TOOLS==========
TASMAN 6 1/2" JAR (SN: HMJ # DJ6-650-145) RECEIVED ON 1/22/2026

==========EMERGENCY SUSPENSION KIT ON-BOARD==========
> (1) 9-5/8" & (1) 13-3/8" EZSV + 2-3/8" / 3-1/2" TBG CEMENT STINGER FOR BALANCED CEMENT PLUGS.
> 4" NM PIPE

==========SKIP & SHIP==========
* MI-SWACO EMPTY SKIPS ONBOARD: 35
* MI-SWACO FULL SKIPS ON BOARD: 5
* MI-SWACO TOTAL EMPTY SKIP ON BOAT: 30
* MI-SWACO TOTAL FULL SKIP ON BOAT: -
* MI-SWACO TOTAL SKIPS USED ON WELL: 43
* TOTAL TONNAGE TO DATE: 301T

==========
NEXT LOCATION SFNY-25, 57, 492/493, 1327/1329 PF
RIG MOVE REQUEST # RM-2025-4013678 RAISED, ADES EVALUATING LOCATION
PDS REQUEST #8800025119 FOR SFNY-25, REQUEST DATE 12/14/2025
==========
OBM LC50 SHIPPED ON 12/14/25, MN# 2400789756 RAWABI-216

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	7,076	89.61	200.86		5,414	-851.73	-110.11	2,817.65	0.51
0	7,171	90.22	200.57	95	5,414	-878.82	-120.35	2,910.16	0.72
0	7,266	89.36	200.28	95	5,414	-905.95	-130.46	3,002.94	0.96
0	7,361	89.64	200.29	95	5,415	-933.11	-140.5	3,095.89	0.29
0	7,456	89.58	200.45	95	5,416	-960.25	-150.58	3,188.93	0.18
0	7,551	89.55	200.35	95	5,416	-987.39	-160.67	3,282.08	0.11
0	7,646	89.39	200.22	95	5,417	-1014.55	-170.71	3,375.37	0.21

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	51	335 Volts	2.3	0	239,608
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
125	1.8HTHP	28.5	22	0.1	11 / 14	INOVRT	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
89	0	33	20.5	9 / 10	0	17,600	1.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	51	308 Volts	2.3	0	241,429
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.2HTHP	29	23	0.1	11 / 14	INOVRT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
90	0	33	20	9 / 10	0	18,400	2.6

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	51	310 Volts	2.2	0	238,696
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.2HTHP	29	23	0.1	10 / 14	INOVRT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
91	0	34	20	9 / 10	0	17,600	1.8

MUD TREATMENT

CACO3-25	CACO3-50	CAOH2	MRBL-M	LOWTOX-OIL
110 (55LB)	110 (55LB)	5 (55LB)	5 (2200L)	24 (BBL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
8RR	6,984	7,685	DP Av	DC Av	Bit HHP	8	150	S323	8.5	EZD
Pressure	**GPM**	**Jet Vel**	316.43	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,200	610	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
EAA0103	S616D	POOH Reas	N/A							
Gauge	**Other**									

LIMITED MORNING REPORT

SFNY-1278 DEVELOPMENT DRILLING BI-60

11/02/2025 - 03/11/2026

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N/A

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	11	135	170	95	11,400		10

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5	1	5	4.276	31	319.71	NC50	NC50	19.5	23,079.83	G105	PREM	RIG
16	Heavy Weight Drillpipe (HWDP)	RIG	5	2	5	3	62.4	288.71	NC50	NC50	50.14	22,475.33		CONV	RIG
15	Hydro-Mechanical Jar	TO1	6.88	1	6.75	2.625	33.48	226.31	NC50	NC50	85.71	19,346.594			DJ6-650-145
14	Heavy Weight Drillpipe (HWDP)	RIG	5	3	5	3.25	93.44	192.83	NC50	NC50	54	16,477.024		CONV	RIG
13	FIlter Sub	BHI	6.75	1	5	2.813	5.31	99.39	NC50	NC50	87	11,431.264			14305983
12	Float Sub	BHI	6.75	1	5	3	3.16	94.08	NC50	NC50	91	10,969.294			14838156
11	Stabilizer	BHI	8.5	1	6.5	2.313	4.68	90.92	NC50	NC50	50	10,681.734			ZIBS173161
10	Stop Sub	BHI	6.75	1	6.75	2.81	2.05	86.24	NC50	4 1/2 REG	110	10,447.734			15898654
9	Logging While Drilling (LWD)	BHI	6.75	1	6.75		8.9	84.19			93.75	10,222.234			15902854 NEUTRON
8	Logging While Drilling (LWD)	BHI	6.75	1	6.75		9.3	75.29			93.75	9,387.859			14632915
7	Logging While Drilling (LWD)	BHI	6.75	1	6.75		16.2	65.99			110.25	8,515.984			12729858
6	Logging While Drilling (LWD)	BHI	6.75	1	6.75		8.33	49.79			200	6,729.934			13929534
5	Stabilizer	BHI	8.25	1	6.5	2.875	4.12	41.46	NC46	NC46	124	5,063.934			15786407
4	Logging While Drilling (LWD)	BHI	6.75	1	6.75		22.04	37.34			129.68	4,553.054			157788916
3	Logging While Drilling (LWD)	BHI	6.75	1	6.75		3.92	15.3			137.17	1,694.906			14173329
2	RSS	BHI	6.75	1	6.75		10.52	11.38			110	1,157.2			14708996
1	Bit	EZD	8.5	1	8.5		0.86	0.86				0			EAA0103

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	N/A	12-14 KTS SSE	1-2 FT	N/A	2,255	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	BHI	RIG	BDF	BAR	ARM	HCM	MI2	ARM	SAM
Category	CTRG	DPDS	RIG	DFMS	DFMS	OTHR	PCS	SCS	WSC	WBCS
No. of Persons	14	3	50	1	1	1	1	5	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	12	12	24	24	24	0

Total
78

TRUCKS/BOATS

Standby/Tankers	Others	Others
rawabi-216	rawabi-218	rawabi-214

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
423	442	1050	3050	N/A	1678

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

MRJN-140 WORKOVER-1 BI-60

01/02/2026 - 03/05/2026

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ADM-680 @ MRJN-140 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
ADM-680	(71-24073-0140)	(RE-ENTRY)	HUSSAIN, BABAR / AHMED, ABDELREHIM ABDELRAHMAN ALGHAMDI, KHALID OMAR ABBAS, MUHAMMAD NASSER
Well: MRJN-140	Wellbores: (0-1) MRJN_140_1		
Wellbores: (0-1) MRJN_140_1			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14130	673-2850	849-9969

CONTRACTOR /CLERK VSA T: 673-5773

Last 24 hr operations	Next 24 hr plan
DRILL 6-1/8" X 7-1/4" HOLE SECTON.	DRILL 6-1/8" X 7-1/4" HOLE SECTON. CIRC HOLE CLEAN. POOH 6-1/8" X 7-1/4" ATK/ LWD/ MWD UNDER REAMER BHA.

Location	Next Location
MRJN-102,139/143,308	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,435	7	6388	5868				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10420	26.2 (01/01/2026@2330)	100	1,015	226	

Formation Tops

Formations	Top Depth	Comments
CPCK	6,372	5854' TVD
WARA	6,655	6098' TVD
MDDD	6,701	6142' TVD
SFNY	6,923	6319' TVD
SFNR	7,017	6391' TVD
KHFJ	7,178	6506' TVD
MJ02	7,460	6667' TVD
MJ03	7,531	6700' TVD
MJ04	7,589	6723' TVD
MJ05	7,695	6759' TVD
MKFJ	7,820	6788' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0415	23.25	0-1	6 1/8	N	DRLG	D	RSS	BHI	10420	11435			DIRECTIONAL DRILL 6-1/8" X 7-1/4" HOLE SECTION WITH BAKER ATK/LWD/MWD UNDER REAMER BHA.
0415 - 0459	0.75	0-1	6 1/8	N	DRLG	CIRC	MPMP	RIG	11435	11435			CUMULATIVE TIME FOR RECORDING SCR AS PER SAWCM.

Workover Objectives

Foreman Remarks

==========SAFETY==========
* HELD FOREMAN SUPERVISORS MEETING, 2 PRE-TOUR MEETINGS, 2 TOOL BOX MEETING.
* DRILLS:- 1 X PIT DRILL.
==========WORKOVER SEQUENCE==========
* DE-COMPLETE, RE-ENTRY AND COMPLETE WELL MRJN-140.
* FLOWBACK WELL MRJN-140.
========== NEXT LOCATION==========
* PF ZULF-98/103.
* SUBMITTED PDS SURVEY: CRM-SR 8800025370.
* SUBMITTED RIG MOVE REQUEST (RM-2026-4014114 & RM-2026-4014115).
==========TDS ZONE MANAGEMENT TEST==========
* CROWN SAVER SENSOR TEST (OK).
* RIG FLOOR SAVER SENSOR TEST (OK).
* MONKEY BOARD WHILE EXTENDING LINKS TO CHECK TDS CANNOT HIT MONKEY BOARD (OK).
========== PERSONNEL ONBOARD==========
* ARAMCO FCT MOHAMMED ALDOSSARY (#764510) ONBOARD SINCE 01/20/2026.
* ARAMCO MATERIAL EXPEDITOR OMAR AL-AZAMI (# 814804) ONBOARD SINCCE 01/25/2026.
* ARAMCO MATERIAL EXPEDITOR FAISAL AL-YAMI BADGE (# 819722) ONBOARD SINCE 01/27/2026.
==========DRILLING CONTRACTOR MANAGMENT VISIT==========
* ADES RIG MANAGER MOATAZ MOHAMED ONBOARD VISITED RIG FROM FROM 11/03/2025 TO 11/04/2025.
* ADES ASSISTANT RIG MANAGER HASSAN MEKKI AL ZAKI VISITED RIG FROM 10/27/2025 TO 10/28/2025.
==========FINAL WELL LOCATION==========
* PLTF MRJN-102-139/143-308.
* WORKOVER 2 WELLS.
* FINAL LOCATION: LAT 28'18 N & LONG 49'39.13 E.
* RIG HEADING : 333 DEG.
* WATER FEPTH 163 FT.
* FINAL AIR GAP: 50.8'.
* RKB TO THS: 75.5'; ODF: 45.5' (ODF CORRECTION= -30 FT).
* FINAL LEGS PENETRATION: BOW LEG - 11.38 FT; PORT LEG - 10.7 FT; STBD LEG - 11.71 FT.
==========LC-50 SAMPLE==========
* BRINE LC-50 SAMPLE SENT ON 11/06/2025 ON KEHOE TIDE VESSEL (MN #2400783234).
* OBM LC-50 SAMPLE SENT ON 11/16/2025 ON CHAUVIN TIDE (MN#2400785018).
==========DIRCECTION==========
* AS REQUESTED BY GOC, DEEP AZIMUTHAL RESISTIVITY TRANSMISSION ENABLED AT 7824' MD.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	10,440	89.98	7.91	94	6,804	1662.8	345.31	5,571.76	0.04
0-1	10,535	90.01	7.72	95	6,804	1691.48	349.24	5,666.54	0.2

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MRJN-140 WORKOVER-1 BI-60

01/02/2026 - 03/05/2026

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Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	10,630	89.94	6.95	95	6,804	1720.2	352.94	5,761.27	0.81
0-1	10,725	90.01	7.02	95	6,804	1748.94	356.46	5,855.97	0.09
0-1	10,820	89.94	6.9	95	6,804	1777.68	359.97	5,950.67	0.14
0-1	10,913	89.98	6.89	93	6,804	1805.83	363.38	6,043.38	0.03
0-1	11,008	89.11	6.84	95	6,805	1834.57	366.84	6,138.09	0.91
0-1	11,103	89.14	6.97	95	6,806	1863.32	370.32	6,232.8	0.14
0-1	11,197	89.61	6.83	94	6,807	1891.76	373.76	6,326.53	0.51
0-1	11,292	89.98	6.87	95	6,808	1920.51	377.22	6,421.27	0.39
0-1	11,386	89.98	6.79	94	6,808	1948.96	380.62	6,515.01	0.08

MUD DATA

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
10RR	7,271	11,435	DP Av	DC Av	Bit HHP	15	150	M433	6.125	SMT
Pressure	GPM	Jet Vel	341.75	491.74	81	I-Row	O-Row	DC	Location	Bearings
4,300	300	214				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
SA01068	MI613V1C	3 x 14 /	0.451							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	94	165	180	142	13,000		20
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				
	20						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
20	Drillpipe	RIG	4	0	4	3.34	0	1,368.13	XT39	XT39	14	21,316.712	S135	PREM	
19	Heavy Weight Drillpipe (HWDP)	RIG	4	12	4	2.562	375	1,368.13	XT39	XT39	28.72	21,316.712		SPRL	TALLY
18	Hydro-Mechanical Jar	TO1	4.75	1	4.75	2.25	16.1	993.13	XT-39	XT-39	0	10,546.712			DG650044
17	Heavy Weight Drillpipe (HWDP)	RIG	4	4	4	2.562	124.98	977.03	XT39	XT39	26.24	10,546.712		CONV	TALLY
16	Crossover	RIG	4.75	1	4.75	2.25	681	852.05	NC38	XT39	0	7,267.237			BMTQ NM 07651/13-2
15	Multi Activation Circulating Sub	SAM	4.75	1	4.75	2.125	8.06	171.05	NC38	NC38	0	7,267.237			DTM475BP1002
14	Drillcollar	RIG	4.75	1	4.75	2.25	30.92	162.99	NC38	NC38	42.36	7,267.237		SPRL	DSS19540008
13	Under Reamer	NRT	6.125	1	7.25	2	12.41	132.07	NC38	NC38	46	5,957.466			HYAR600675049-1-01
12	Drillcollar	RIG	4.75	1	4.75	2.25	31.12	119.66	NC38	NC38	42.36	5,386.606		SPRL	DSS2202621
11	FIlter Sub	ANT	4.75	1	4.75	2	5.47	88.54	NC50	NC50	0	4,068.363			14917424
10	Float Sub	BHI	4.75	1	4.75	2.25	3.27	83.07	NC38	NC38	21	4,068.363			16679177
9	Stabilizer	BHI	5.875	1	4.75	2.25	5.56	79.8	NC38	NC38	0	3,999.693			SDT13629
8	Stop Sub	BHI	4.75	1	4.75	2.25	1.76	74.24	NC38	NC38	33	3,999.693			16401003
7	Logging While Drilling (LWD)	BHI	4.75	1	4.75		14.28	72.48			68.32	3,941.613			14968910
6	Modular Stabilizer	BHI	5.875	1	5	1.5	2	58.2	NC38	NC38	45	2,966.003			15966788
5	BCPM. Bi-directional Communication and Power Module	BHI	4.75	1	4.75	2.25	16.99	56.2	4 3/4 T2	4 3/4 T2	0	2,876.003			12143367
4	Modular Stabilizer	BHI	5.875	1	5.063	1.575	2.88	39.21	4 3/4 T2	4 3/4 T2	45	2,876.003			14784947
3	Logging While Drilling (LWD)	BHI	4.75	1	4.75		23.3	36.33			89.11	2,746.403			12538086
2	RSS	BHI	4.75	1	4.75		12.41	13.03			54	670.14			14675071
1	Bit	SMT	6.125	1	6.125		0.62	0.62				0			SA01068

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/19/2026	N/A	16-18 KNTS	1-2 FT	SEASONAL	1,028	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	LIG	BHI	RIG	BDF	SMI	NRT	ARM	SCM	BRD	ARM	SAM	BLH
Category	CTRG	DPDS	RIG	DFMS	DFMS	HO	OTHR	PCS	SCS	WSC	WBCS	LHES
No. of Persons	14	2	48	1	1	1	3	1	1	2	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	12	24	12	0	24	24	24	0

Total
77

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARZAKKAN

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
740	2599	1344	1280	0	2087

REPAIR ASAP

Instrumentation	Other	Reporter

LIMITED MORNING REPORT

MRJN-140 WORKOVER-1 BI-60

01/02/2026 - 03/05/2026

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-267 DEVELOPMENT DRILLING BI-60

01/13/2025 - 09/19/2026

أرامكو السعودية
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ADM-681 @ ABSF-267 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-681
Well: ABSF-267
Wellbores: (0) ABSF_267_0

Charge #: (66-24019-0267)
Wellbores: (0) ABSF_267_0

Objective : (SINGLE LATERAL OIL PRODUCER TARGETING ARAB-D RESERVOIR)

Foreman(s): IVY II, RUFUS PAUL / SAMAK, AHMED MOSTAFA
Engineer: ALAHMADI, RAYAN KHALID
Manager: FAIFI, MUSAAD HASSAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0087167771 4159	673-4452	RADIO ROOM 673-4454

CONTRACTOR /CLERK VSA T: 673-4453

Last 24 hr operations
CONT. RIH W/ 2-3/8" INNER STRING. M/UP WFD LNR HGR. RIH W/ 4.5" WFD ICD LOWER COMPLETION TO SETTING DEPTH. CHC.

Next 24 hr plan
CONT. CHC. SET HANGER/PKR, DISPLACE HOLE TO BRINE, SPOT ACID/HEC, POOH

Location: ABSF-260/269-505 OLTF
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,680	9 5/8	6184	5813	7	5,910	7,678	6,411

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10680	32.4 (01/24/2026@1600)	100	0	79	

Formation Tops

Formations	Top Depth	Comments
ADR1	7,569	6,407 TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0515	0.25	0	EOW	C	COMP	PJSM	TBG	RIG	10680	10680			SAFETY STAND DOWN MEETING WITH CREW, INPSECT ALL CASING HANDLING EQUIPMENT
0515 - 0730	2.25	0	EOW	C	COMP	HT	TBG	NAC	10680	10680			CONTINUE RUN IN HOLE WITH 2 3/8" CS- HYDRIL 4.7 PPF INNER STRING AS PER TALLY, 20 JOINT , WHILE MONITOR THE WELL THROUGH TRIP TANK , WELL STATIC .
0730 - 0745	0.25	0	EOW	C	COMP	PJSM	TBG	RIG	10680	10680			SHUT DOWN FOR CREW CHANGE CHOPPER OPERATION.
0745 - 1200	4.25	0	EOW	C	COMP	HT	TBG	NAC	10680	10680			CONTINUE RUN IN HOLE WITH 2 3/8" CS- HYDRIL 4.7 PPF INNER STRING AS PER TALLY, 53 JOINTS, TOTAL 73 JOINT FROM SURFACE TO 2,426FT , WHILE MONITOR THE WELL THROUGH TRIP TANK , WELL STATIC .
1200 - 1215	0.25	0	EOW	C	COMP	PJSM	SCRN	RIG	10680	10680			SHIFT HANDOVER. PJSM WITH ON DUTY CREW. DISCUSS CURRENT OPERATION. PERFORM ZONE MANAGEMENT CHECKS.
1215 - 1530	3.25	0	EOW	C	COMP	HT	TBG	NAC	10680	10680			RIH W/ 2-3/8" CS HYDRIL INNER STRING INSIDE 4-1/2" LOWER COMPLETION. TAGGED & STING INTO WFD STINGER PACKOFF.
1530 - 1600	0.5	0	EOW	C	COMP	HT	TBG	NAC	10680	10680			SPACE OUT 2 3/8" INNER STRING AS PER WFD ENGINEER.
1600 - 1630	0.5	0	EOW	C	COMP	HT	TBG	NAC	10680	10680			CHANGE 2 3/8" ELEVATOR TO 3 1/2" ELEVATOR & HANDLING EQUIPMENTS .
1630 - 1700	0.5	0	EOW	C	COMP	HT	TBG	RIG	10680	10680			CLEAN & CLEAR RIG FLOOR.
1700 - 1815	1.25	0	EOW	C	COMP	HT	PKR	WCS	10680	10680			HPJSM, M/UP 4-1/2" X 7" WFD LINER HANGER ASSY.
1815 - 1845	0.5	0	EOW	C	COMP	HT	TBG	NAC	10680	10680			R/D WFD FALSE ROTARY TABLE & 2-3/8" HANDLING EQUIPMENTS.
1845 - 1945	1	0	EOW	C	COMP	CIRC	MPMP	RIG	10680	10680			HPJSM, P/U & M/U 4" PUMPING ASSY, R/UP SURFACE LINES. P/UP HANGER ABOVE ROTARY TABLE. CIRCULATE 1.5 X LINER CAPACITY WITH 3 BPM, 850 PSI.
1945 - 2015	0.5	0	EOW	C	COMP	HT	TBG	RIG	10680	10680			R/D SURFACE LINES & L/D PUMPING ASSY. P/UP & M/UP TWO PUP JOINTS OF 4" DP, RIH.
2015 - 2230	2.25	0	EOW	C	COMP	RPCS	LWCOM	RIG	10680	10680	3312	5764	RIH W/ 4-1/2" WFD LOWER COMPLETION SCREENS/ LINER HGR ON DRIFTED 4" HWDP/DP TO 5764'.
2230 - 2330	1	0	EOW	C	COMP	HT	PEL	RIG	10680	10680			CHANGE OUT IRON ROUGHNECK DIES FROM 4" TO 5 1/2", CHANGE OUT BX ELEVATOR SEGMENTS TO 5 1/2".
2330 - 0000	0.5	0	EOW	C	COMP	RPCS	LWCOM	RIG	10680	10680	5764	6530	RIH W/ 4-1/2" WFD LOWER COMPLETION SCREENS/ LINER HGR ON DRIFTED 5-1/2" DP TO 6,530'.
0000 - 0015	0.25	0	EOW	C	COMP	PJSM	TBG	RIG	10680	10680			SHIFT HANDOVER. PJSM WITH ON DUTY CREW. DISCUSS CURRENT OPERATION. PERFORM ZONE MANAGEMENT CHECKS.
0015 - 0115	1	0	EOW	C	COMP	RPCS	LWCOM	RIG	10680	10680	6530	7678	RIH W/ 4-1/2" WFD LOWER COMPLETION SCREENS/ LINER HGR ON DRIFTED 5-1/2" DP TO 7,678'. - FILL UP STRING EVERY 10 STANDS.
0115 - 0145	0.5	0	EOW	C	COMP	CIRC	MPMP	RIG	10680	10680			BREAK CIRCULATION @ 7" CSG SHOE BEFORE ENTER OPEN HOLE. RECORD REFERENCE PARAMETERS.

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

ABSF-267 DEVELOPMENT DRILLING BI-60

01/13/2025 - 09/19/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0145 - 0315	1.5	0	EOW	C	COMP	RPCS	LWCOM	RIG	10680	10680	7678	10650	RIH W/ 4-1/2" WFD LOWER COMPLETION SCREENS/ LINER HGR ON DRIFTED 5-1/2" DP TO 10,650' SETTING DEPTH.
0315 - 0459	1.75	0	EOW	C	COMP	CIRC	MPMP	RIG	10680	10680			CONNECT TDS, CIRCULATE HOLE CLEAN.

Foreman Remarks

HE WELL WILL BE DRILLED AS A SINGLE LATERAL OIL PRODUCER TARGETING ARBD RESERVOIR FROM SLOT #7 OF PF 260/269 PF. THE WELL WILL BE COMPLETED WITH ICDS WITH SSDS, DUAL ESP, Y-TOOL TO PROVIDE ACCESSIBILITY FOR FUTURE LOGGING AND TWO FIBER OPTIC PDHMS GAUGES INSTALLED 200FT APART IN THE COMPLETION TAIL PIPE.
==========BARRIERS IN PLACE==========
- MUD HYDROSTATIC.
- 13-5/8" 10M BOP.
==========TDS ZONE MANAGEMENT TEST==========
* TRAVELLING BLOCK ANTI-COLLISION SYSTEM (CROWN & FLOOR SAVERS) (OK).
==========CASING SEQUENCE==========
ABSF-267 CASING POINTS PLAN VS ACT
* 18-5/8" CASING AT 571' VS 570'
* 13-3/8" CASING AT 3,328' VS 3,322'
* 9-5/8" CASING AT 6,259' VS 6,184'
* 7" LINER AT 7,712' VS 7,678'
* 6-1/8" WELL TD AT 10,535' VS 10,680'.
==========
* RIG FINAL POSITION: LAT 28 DEG 33.27' N, LONG: 049 DEG 37.26' E.
* FINAL LEG PENETRATION: BOW: 7.5 FT; STBD: 7 FT; PORT: 5.5 FT.
* WATER DEPTH = 60.4 FT.
* AIR GAP = 48'.
* RIG HEADING = 331 DEG.
* RKB TO MEAN SEA LEVEL = 111.7 FT.
* RKB TO SEA BED = 172.1 FT.
==========HSE==========
* SHARED HSE ALERT :HSE ALERT 06-26ANKLE INJURY WHILE RIH, HSE ALERT 07-26 CATWALK RAMP LIFTING POINT FAILUREE
* OPERATIONAL ALERT : 11-25 (INCORRECT PRESSURE TEST LINE UP RESULT IN CASING COLLAPSE).
DRILLS: H2S, FIRE AND ABANDON SHIP DRILL ON 21 JAN 2026.
DRILLS: H2S RESCUE DRILL ON 21-JAN-2026.
DRILLS: MAN DOWN DRILL CONDUCTED ON 11 JAN 2026 @ 14:15.
DRILLS: MAN OVERBOARD CONDUCTED ON 31 OCT 2025.
==========PERSONNEL==========
ARAMCO PERSONNEL:
ARAMCO DE RAYAN ALAHMADI ID# 788076 ON BOARD SINCE 26-JAN-2026.
ARAMCO CLERK MANU KODURU ID# 8618641 ON BOARD SINCE 24-MAY-2025.
==========ADES MANAGEMENT==========
CONTRACTOR RIG MANAGEMENT VISITS:
* ADES RIG MANAGER: MOHAMED FARAG ON RIG 13, NOV-2025
* ADES OPERATIONS MANAGER MOHAMED EHAB ON RIG 13, NOV 2025
* ADES ASST RIG MANAGER HASSAN ALZAKI ON RIG 18-19 AUG 2025
****
RENTAL TOOLS ON BOARD:
* 4.75" NAPESCO HMJ JAR.
==========
LC-50 (WBM /NACL-POLYMER) SAMPLE: SENT UNDER MFT#2400747929 ON 05/02/2025 ON SKIPSEY TIDE.
LC-50 (OBM /RELIANT BARITE) SAMPLE: SENT UNDER MFT#24007515239 ON 05/16/2025 ON WALGAMOTE TIDE.
LC-50 (OBM /CONVENTIONAL BARITE FREE) SAMPLE: SENT UNDER MN#2400776098 ON 09/27/2025 ON RAWABI-33.
==========PLATFORM SUSPENSION STATUS==========
1.ABSF-505 MLS: COMPLETED TIE-BACK OPERATION BY RIG ADC-60 - CASED HOLE - TIED BACK TO SURFACE -TREE INSTALLED
2.ABSF-260 (ARBD): SUSPENDED FOR FUTURE INTERVENTION AND FLOWBACK.
3.ABSF-261 (ARBD): SUSPENDED FOR FUTURE FB.
4.ABSF-263 (ARBD): SUSPENDED FOR FUTURE FB.
5.ABSF-267 (ARBD): CURRENT.
6. ABSF-260: TRIAL TO RETRIEVE STUCK 4.5" SLB RBP FROM UPPER COMPL.
7.ABSF-268 (ARBB): SUSPENDED BY RIG ADM-681 WITH 9-5/8" CSG. 2 STAGES CEMENT JOB - DV CLOSED AND TESTED-
8.ABSF-269 (ARBD): SUSPENDED BY RIG ADM-681 WITH 9-5/8" CSG. 2 STAGES CEMENT JOB - DV CLOSED AND TESTED
9.ABSF-262 (ARBD): SUSPENDED BY RIG ADM-681 WITH 9-5/8" CSG. 2 STAGES CEMENT JOB - DV CLOSED AND TESTED
10.ABSF-265 (ARBA): SUSPENDED BY RIG ADM-681 WITH 9-5/8" CSG. 2 STAGES CEMENT JOB - DV CLOSED AND TESTED
11.ABSF-266 (ARBC): SUSPENDED BY RIG ADM-681 WITH 9-5/8" CSG. 2 STAGES CEMENT JOB - DV CLOSED AND TESTED
12.ABSF-264 (ARBC): SUSPENDED BY RIG ADM-681 WITH 9-5/8" CSG. 2 STAGES CEMENT JOB - DV CLOSED AND TESTED

==========NEXT LOCATION==========
* NEXT LOCATION: ZULF-954.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	10,680	90.1	185.5	0	6,416	-1738.82	137.89	5,722.69	0.57

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
62 PCF	1	0API	74	618 Volts	2.92	0	240,390
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.6HTHP	18	18	0	10 / 14	OBM	1
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	10	8	5 / 6	0	27,360	3

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-267 DEVELOPMENT DRILLING BI-60

01/13/2025 - 09/19/2026

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62 PCF	1	0API	74	614 Volts	2.92	0	240,390
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	2.6HTHP	18	18	0	10 / 15	OBM	0.6
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
59	0	10	8	5 / 6	0	27,360	2.2

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	PIT/ TRIP DRILL	3-4 SE KTS	1 FT	SEASONAL	1,032	TOURLY/ PJSM.

PERSONNEL AND SERVICES INFORMATION

Company	BAL	NAC	GOC	SDM	RIG	OES	NFT	WLH	ARM	WCS	OCT	NSL	ARM	SAM
Category	ALS	CSR	CTRG	DPDS	RIG	DFMS	FILT	LHES	OTHR	PSIE	PCS	SLS	WSC	WBCS
No. of Persons	5	5	15	1	59	2	2	1	2	2	2	4	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	0	24	24	24	24	24	24	24	24	24	24

Total
103

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
Rawabi-40	Rawabi-201	Posh Gemsbok	Rawabi-12

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1846	1377	1556	3876	N/A	2982

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-325 DEVELOPMENT DRILLING BI-60

11/25/2024 - 08/08/2026

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ADM-682 @ ABSF-325 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-682
Well: ABSF-325
Wellbores: (0) ABSF_325_0

Charge #: (66-24019-0325)
Wellbores: (0) ABSF_325_0

Objective : (SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-D RESERVOIR)

Foreman(s) MOUSTAFA, MOHAMED AHMED
Engineer ABBAS, AMIR
Manager FAIFI, MUSAAD HASSAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677714 147	013-673-97 76	013-816727 1 (RADIO R OOM)

CONTRACTOR /CLERK VSA T: 013-673-97 74

Last 24 hr operations
TERMINATE ACROSS TBG HGR, LAND TBG HGR IN SPOOL, SET RBP, SET PACKER. INSTALL BPV.

Next 24 hr plan
N/D BOP, N/U BONNET, TERMINATE ACROSS BONNET, N/U TREE & PT. RETRIEVE TWCV. RETRIEVE RBP. INSTALL BLANKING PLUG.

Location: ABSF-320-329 PLATFORM.
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,186	9 5/8	6897	6184	7	6,566	8,711	6,705

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10871	42.9 (01/15/2026@0500)	100	0	89	

Formation Tops

Formations	Top Depth	Comments
ADR1	8,040	6705' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	EOW	C	WH	HT	TBGHR	CAM	10871	10871			WH ENGINEER TEST TUBING HANGER PENETRATOR PORTS TO 2,500 PSI / 10 MIN EACH.
0530 - 0700	1.5	0	EOW	C	WH	HT	TBGHR	CAM	10871	10871			RIH & LAND 11" CIW TBG HGR IN SPOOL, LOCK DOWN & SECURE SAME.
0700 - 0730	0.5	0	EOW	C	COMP	HT	ESPL	BAL	10871	10871			CHECK WFD PDHMS & BAKER ESP CABLE READING - OK. - LOWER ESP PH-PH 6.9 OHMS PH-GR 5 MIN 1.6GOHMS 10 MIN 2.23 GOHMS PI-2641 / PD-2639 TI-168 / TM-166. - UPPER ESP PH-PH 6.7OHMS PH-GR 5 MIN 5.32 GOHMS 10 MIN 9.74 GOHMS PI-2577 / PD-2572 TI-166 / TM-173. - WFD UPPER PRESSURE 2667.6 PSI TEMP 80.4 DEG C LOWER : PRESSURE - 2763.8 PSI TEMP : 82.6 DEG C
0730 - 1530	8	0	EOW	C	COMP	DTU	DRFT	OSL	10871	10871			PJSM. R/U OILSERV SLICK LINE, TIW WITH BOP & LUBRICATOR, PT 2500 PSI - OK, RIH 3.795" DRIFT & TAG R-NIPPLE AT 5700' FT, POH, RIH & SET 4-1/2" SLB RBP, PRONG & JUNK CATCHER AT 5675 FT (3 RUNS), PRESSURE TEST SAME TO 500 PSI - OK, POH & RD SLICKLINE.
1530 - 1630	1	0	EOW	C	COMP	OTH	SFLN	RIG	10871	10871			RU FOR PUMPING ASSY ,PRESSURE TEST CMT UNIT & LINES T/ 4000 PSI - OK.
1630 - 1800	1.5	0	EOW	C	COMP	SET	PKR	BAL	10871	10871	5638	5638	HPJSM, CEMENT UNIT PRESSURE UP TUBING GRADUALLY TO 3500 PSI TO SET ESP PACKER AS PER PKR ENGINEER IN 500 PSI INCREMENTS & HOLD 10 MIN, THEN BLEED OFF PRESSURE. - PKR SETTING DEPTH: 5638'.
1800 - 1930	1.5	0	EOW	C	COMP	PTST	PKR	RIG	10871	10871			LINE UP TO TCA, GRADUALLY PRESSURE TEST TO 1000 PSI FOR 15 MINUTES - GOOD TEST. SLOWLY BLEED OFF PRESSURE, CLOSE CASING VALVE.
1930 - 2030	1	0	EOW	C	COMP	HT	ESPL	BAL	10871	10871			BAKER CHECK ESP CABLE READINGS MEANWHILE FLOW CHECK FLUID LEVEL IN TBG FOR 1 HR, STATIC. CLOSE TRSSSV. - LOWER ESP PH-PH 6.8 OHMS PH-GR 5 MIN 20 KOHMS 10 MIN 25 KOHMS. SENSOR REDINGS: PI :2399; PD 2301 ,TI :169 , TM 162, VX:0.17,VZ: 0.015, VT:115 ,CT 9.9 - UPPER ESP PH-PH 6.9 OHMS PH-GR 5 MIN 250 MOHMS 10 MIN 460 MOHMS.SENSOR REDINGS: PI :2501; PD 2500 ,TI :170 , TM 162, VX:0.12,VZ: 0.017, VT:120 ,CT 9.9 - WFD UPPER PRESSURE 2493.46 PSI TEMP : 80.6 DEG C LOWER : PRESSURE 2597.30 PSI TEMP : 82.8 DEG C
2030 - 2200	1.5	0	EOW	C	WH	SET	BPV	CAM	10871	10871			M/U BPV SETTING ASSY, SET 4-1/2" BPV THRU 5-1/2" LANDING STRG, L/D SETTING ASSY.
2200 - 2300	1	0	EOW	C	COMP	HT	TBG	GOC	10871	10871			BACK OFF & L/D 5-1/2" LANDING ASSY.
2300 - 0030	1.5	0	EOW	C	COMP	HT	PEL	GOC	10871	10871			R/D ALGHAITH HANDLING TOOLS & LD SAME.
0030 - 0100	0.5	0	EOW	C	COMP	HT	ESP	BAL	10871	10871			CUT WFD PDHMS CABLE. DISCONNECT ESP CABLES.
0100 - 0130	0.5	0	EOW	C	COMP	HT	TBG	RIG	10871	10871			CLEAR & CLEAN RIG FLOOR.
0130 - 0200	0.5	0	EOW	C	COMP	HT	TBG	RIG	10871	10871			HPJSM PRIOR TO N/D 13-5/8" 10K BOPE. ISOLATION BARRIERS IN-PLACE: TUBING SIDE BARRIERS: 1. TESTED RBP PLUG @ 5675' (MECHANICAL). 2. BPV (MECHANICAL). 3. 70 PCF NACL BRINE COMPLETION FLUID (HYDROSTATIC BARRIER).

LIMITED MORNING REPORT

ABSF-325 DEVELOPMENT DRILLING BI-60

11/25/2024 - 08/08/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													TCA SIDE BARRIERS: 1. TUBING HANGER & PRAXIS PACKER TESTED (TWO MECHANICAL BARRIER). 2. 70 PCF CACL2 BRINE COMPLETION FLUID (HYDROSTATIC BARRIER).
0200 - 0300	1	0	EOW	C	BOP	ND	BOP	RIG	10871	10871			DISCONNECTED BOP FROM 13-5/8" RISER , LIFTED SAME AND SECURED WITH SECONDARY RETENTION.
0300 - 0330	0.5	0	EOW	C	BOP	ND	BOP	RIG	10871	10871			CUT WFD TRSSSV & PDHMS CABLES. LANDED BOP AND SECURED SAME WITH 13-5/8" RISER.
0330 - 0459	1.5	0	EOW	C	BOP	ND	DVRT	RIG	10871	10871			RETRIEVE & R/B 49-1/2" DRIL-QUIP FIXED DIVERTER ON GOING AT REPORT TIME.

Foreman Remarks

ABSF-325 OBJECTIVE: WILL BE DRILLED AS A SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-D RESERVOIR TO A TOTAL DEPTH OF +/- 11,850 FT MD WITH 3,000 FT OF RESERVOIR CONTACT. THE WELL WILL BE COMPLETED W/ 2 X PDHMS - 200FT SEPARATION, DUAL ESP, Y-TOOL AND TRSSV ON 4-1/2" 11.6#/FT, J-55 NVAM TUBING.
==========
* HELD H2S, H,S RESCUE & ABANDON DRILLS JAN 27, 2026.
* CONDUCTED SWA DRILL , PIT DRILL
* REVIEW HSE ALRETS 06-26 / 07-26 WITH ALL PERSONNEL ON RIG.
* DISCUSSED AND FOLLOW UP HOUSE KEEPING CAMPAIGN.
* DISCUSSED HAND & FINGER INJURY CAMPAIGN.
* DISCUSSED HEAT STRESS CAMPAIGN.
* DISCUSSED WATER CONSERVATION CAMPAIGN.
* DISCUSSED DANGER ZONES CAMPAIGN AT PRE-TOUR, OPERATIONS & WEEKLY MEETING.
* DISCUSSED SHIFT HANDOVER REQUIREMENT.
==========
ABSF-325 CASING POINTS PLANNED VS ACTUAL:
* 18-5/8" CASING AT 707' VS 759'
* 13-3/8" CASING AT 3,607' VS 3713'
* 9-5/8" CASING AT 6,570' VS 6897'
* 7" LINER AT 8,145' VS. 8711'
* 6-1/8" HS PLANNED TD AT 11645' VS 10871'
========== PLATFORM ABSF 320/329 PF ==========
ABSF-322: (SUSPENDED FOR FLOW BACK) L0.
ABSF-320: (SUSPENDED FOR FLOW BACK) L0.
ABSF-321: (SUSPENDED FOR FLOW BACK) L0.
ABSF-323: (SUSPENDED FOR FLOW BACK) L0.
ABSF-325: ONGOING PATCH DRILLING 6-1/8 HS.
ABSF-327: (SUSPENDED FOR 8-1/2" HS) L0.
ABSF-326: (SUSPENDED FOR 8-1/2" HS) L0.
ABSF-328: (SUSPENDED FOR 8-1/2" HS) L0.
ABSF-329: (SUSPENDED FOR 8-1/2" HS) L0.
ABSF-324: (SUSPENDED FOR 8-1/2" HS L1)
ABSF-108: (COMPLETED TIE-BACK OPERATION), SUSPENDED FOR DECOMPLETION AND FLOW BACK.
==========
PERSONNEL:
* ARAMCO RIG CLERK, MOHAMMED MASOOD KHAN ID# 8634187 ONBOARD SINCE 08/16/2025.
==========
CONTRACTOR MANAGEMENT VISITS:
* RIG MANAGER MOHMED FARAG VISITED RIG ON 19-JAN 2026 .
* RIG OPERATION EXCELLENCE DIRECTOR MIKAEL GREN VISITED RIG ON 04/07/2025.
* ASST RIG MANAGER HAMZA ALASSIR # 8219572 VISITED RIG ON 08/30/2025.
* RIG HSE SUP TAREK ATTIA VISITED RIG ON 12/09/2025.
* OPERATIONS MANAGER EHAB MOHAMED VISITED RIG ON 04/07/2024.
* RIG HSE MANAGER MOHAMED ELBANAN VISITED RIG ON 11/20/2024.
==========
RENTAL TOOLS ON BOARD:
* 1 X 6-1/2" HM JAR SN # HMDA-650-0031 (NAPESCO) ON BOARD FROM 3-JAN-2025.
* 1 6-1/8" NOV DLR SN G-302088 ON BOARD ON 02-JAN -2025 FROM ALEXANDER MCCAL MFT 2101357901.
* 1 X 9-5/8" CORETRAX ADS ON BOARD SINCE 24-JAN-2026.
==========
LC-50 (WBM /NACL-POLYMER) SAMPLE: SENT UNDER MFT#2400722353 ON 12/27/2024 ON RAWABI-321.
LC-50 (OBM / BARITE RHELIANT) SAMPLE: SENT UNDER MFT#2400745314 ON 04/18/2025 ON ZAMIL-506.
==========
RIG HEADING: 333 DEG, LAT: 27 DEG 00.75" N, LONG: 050 DEG 34. 46" E.
ELEVATION RF TO MSL =115.7 FT; WATER DEPTH =158 FT; RF TO SEA BED = 273.7 FT. AIR GAP = 52 FT.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	10	114,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	6	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	10.2	115,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

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LIMITED MORNING REPORT

ABSF-325 DEVELOPMENT DRILLING BI-60

11/25/2024 - 08/08/2026

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0	0HTHP	94	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
27	0	0	6	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	TOURLY	20-28 KNTS NW	3-4 FT	SEASONAL	1,001	PER TOUR / PRE-JOB/ AS NEEDED FOR HYDRATION

PERSONNEL AND SERVICES INFORMATION

Company	BRD	BAL	SCB	GOC	ABE	SDM	RIG	OES	ARM	WCS	SJC	OSL	WCS	ARM	CRW	SAM	CAM
Category	SCS	ALS	BRCR	CSR	CTRG	DPDS	RIG	DFMS	OTHR	PDHMS	PCS	SLS	SSSV	WSC	WBCS	WBCS	WHES
No. of Persons	1	10	1	5	15	2	51	2	1	6	2	3	1	1	1	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	2	0	0	24	24	0	24	24	12	24	24	0	0	0

Total 104

TRUCKS/BOATS

Standby/Tankers
RAWABI-211

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2334	1389	1565	7713	N/A	4586

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ZULF-141 WORKOVER-2 BI-60

11/23/2025 - 03/16/2026

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ADM-683 @ ZULF-141 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
ADM-683	(72-25062-0141)	(2 | ESP: INITIAL INSTALLATION OF ELECTRIC SUB-MERSIBLE PUMP)	ABDEEN, KHALED FOUAD / OBAYET, MOHAMED AHMED TAUFIQURRACHMAN, HAFIDH ALRUWAILI, MOHAMMED NAZAL

Well: ZULF-141
Wellbores: (0) ZULF_141_0
Wellbores: (0) ZULF_141_0

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882-16777 -14167	862-1632	13-849-997 1 (RADIO R OOM)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
862-1992	862-2870 (RIG CLERK)	

Last 24 hr operations	Next 24 hr plan
P/T BOP. RU NESR SL & P/T. RETRIEVE 7" ME PLUG. CIRCULATE TBG & TCA. RETRIEVE 4-1/2" ME PLUG. BULLHEADING TBG. DRIFT TBG.	RU SLB W/L EQUIPMENT. RECORD PNL LOG. SLB W/L RIH & SET TTBP & DUMP 10' CMT. WOC.

Location	Next Location
ZULF-140/145-951/952	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,978	9 5/8	5798	5257	4 1/2	5,763	6,978	6,333

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6978	4.8 (01/27/2026@0030)	100	0	246	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	POST	N	DCOM	OTH	NA	FMC	0	0			CONT. R/U 7" FRANKS HANDLING EQUIPMENT.
0600 - 0715	1.25	0	POST	N	DCOM	OTH	NA	RIG	0	0			M/U 7" TBG HGR LANDING ASSY, SCREWED IN TBG HGR.
0715 - 1045	3.5	0	POST	N	BOP	BOPT	BOP	RIG	0	0			PRESSURE TEST 13-5/8" 10K BOP AS PER ARAMCO REQUIREMENT.
1045 - 1315	2.5	0	POST	N	DCOM	OTH	NA	NSL	0	0			R/U NESR SL EQUIPMENT & P/T TO 300/1,500 PSI. * R/U TAQA EQUIPMENT AND P/T SAME TO 300/1,500 PSI.
1315 - 1545	2.5	0	POST	N	DCOM	RTRV	PLUGT	INW	0	0			NESR SL RIH & RETRIEVED 7" JUNK CATCHER & INTERWELL ME PLUG AT 200 FT, POOH.
1545 - 1745	2	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			CIRCULATE TBG & TCA W/ 72 PCF CACL2 VISCOUS KILL BRINE THROUGH CHOKE & MGS.
1745 - 2115	3.5	0	POST	N	DCOM	RTRV	PLUGT	INW	0	0			NESR SL RIH & RETRIEVED 4-1/2" JUNK CATCHER & INTERWELL ME PLUG AT 5,740 FT, POOH.
2115 - 2130	0.25	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			FLOWCHECK, HAD 20 BBL/HR LOSSES RATE.
2130 - 0000	2.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			BULLHEAD TBG WITH 60 BBL HI-VIS FOLLOWED BY 1.2 WELLBORE VOL WITH 72 PCF CACL2 VISCOUS BRINE. HAD FM LOCKED UP AFTER PUMPING 160 BBLS. - PUMP RATE 0.2 BPM, PUMP PRESSURE 1150 PSI.
0000 - 0145	1.75	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			CIRCULATE TBG & TCA W/ 72 PCF CACL2 VISCOUS KILL BRINE THROUGH CHOKE & MGS.
0145 - 0215	0.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			FLOWCHECK, WELL STATIC
0215 - 0459	2.75	0	POST	N	DCOM	DTU	DRFT	NSL	0	0			NESR SL RIH WITH 2.867" DRIFT, HAD OBSTRUCTION AT 5760 FT (SEAL ASSY DEPTH), POOH. RIH W/ 2.34" DRIFT (ONGOING).

Workover Objectives

Foreman Remarks

WELL OBJECTIVE:
RUN WL PNL LOG THRU EXISTING COMPLETION. RUN WL TTBP AND CEMENT BAILER TO ISOLATE WATER ZONE THRU EXISTING COMPLETION. RUN WL PERFORATION GUN TO ADD NEW PERFORATION THRU EXISTING COMPLETION. KILL AND DE-COMPLETE THE EXISTING COMPLETION. RUN WELLBORE CLEANOUT. PERFORM WELLHEAD WORK. COMPLETE WELL WITH 9-5/8" BAKER ISOPAX ESP PACKER, BAKER ESP, WLRSSSV ON 4-1/2" TUBING. FLOWBACK & FUNCTION TEST ESP AT THE END OF THE PF.
==========
* PIT DRILLS: 0, TRIP DRILLS: 0.
* HELD H2S, FIRE & ABANDONMENT DRILLS ON 01/24/2026.
* HELD MAN DOWN DRILL ON 01/01/2026.
* RUN E-GEN FOR 2 HRS ON 01/12/2026.
==========
* CURRENT LOCATION: PLATFORM: ZULF-140/145-951/952
* RIG HEADING: 345 DEG.
* WATER DEPTH: 136 FT
* AIR GAP: 41.5 FT
* ZULF-140 - ODF TO OLD TBG SPL: 37.7 FT, RKB TO OLD/NEW TBG SPL: 64.0/61.5 FT, ODF CORRECTION: - 26.3 FT
* ZULF-141 - ODF TO OLD TBG SPL: 37.0 FT, RKB TO OLD/NEW TBG SPL: 63.6/ XX FT, ODF CORRECTION: - 25 FT
* ZULF-142 - ODF TO OLD TBG SPL: 38.4 FT, RKB TO OLD/NEW TBG SPL: 63.6/ 61.5 FT, ODF CORRECTION: - 25.2 FT
* ZULF-143 - ODF TO OLD TBG SPL: 37.2 FT, RKB TO OLD/NEW TBG SPL: 63.6/ 61.5 FT, ODF CORRECTION: - 26.4 FT
* ZULF-144 - ODF TO OLD TBG SPL: 38.4 FT, RKB TO OLD/NEW TBG SPL: 63.6/61.5 FT, ODF CORRECTION: - 25.2 FT
* ZULF-145 - ODF TO OLD TBG SPL: 38.4 FT, RKB TO OLD/NEW TBG SPL: XX/ XX FT, ODF CORRECTION: - XX FT
==========

LIMITED MORNING REPORT

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ZULF-141 WORKOVER-2 BI-60

11/23/2025 - 03/16/2026

PF OPERATIONS SEQUENCE:
* ZULF-140/145 BATCH LOGGING OPERATIONS - DONE
* ZULF-144 - SUSPENDED FOR FUTURE FLOWBACK.
* ZULF-142 - SUSPENDED FOR FUTURE FLOWBACK.
* ZULF-140 - SUSPENDED FOR FUTURE FLOWBACK.
* ZULF-143 - SUSPENDED FOR FUTURE FLOWBACK.
* ZULF-141 - CURRENT.
* ZULF-145 - SECURED WITH 2 EA 4-1/16" GATE VALVES. 4-1/2" ME PLUG AT 6,035 FT, 7" ME PLUG AT 200 FT.
* ZULF-951
* ZULF-952

==========

NEXT PLATFORM MRJN-521/529.
* SEABED SURVEY CRM #8800025432 APPROVED ON 1/22/2026.
* RIG MOVE REQUESTS: RM-2026-4014151 & RM-2026-4014150 APPROVED ON 1/22/2026.

NEXT PLATFORM MRJN-17/22.
* SEABED SURVEY CRM #8800025439 SUBMITTED ON 1/22/2026.

==========

ARAMCO PERSONNEL:
* ARAMCO MATERIAL EXPEDITOR IBRAHIM FAQIHI ID# 824584 ON BOARD SINCE 1/21/2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	N/A	N/AAPI	0	0 Volts	0	9.5	125,000

FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	N/AHTHP	95	N/A	0	N/A /	CACL	N/A

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
80	N/A	N/A	5	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	N/A	N/AAPI	0	0 Volts	0	9.6	124,000

FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	N/AHTHP	95	N/A	0	N/A /	CACL	N/A

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
80	N/A	N/A	5	/	N/A	N/A	N/A

MUD TREATMENT

HEC	CAOH2
30 (50LB)	2 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	TOURLY	10 KTS NW	2-3 FT	SEASONAL	1,122	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	WFS	HCB	INW	FMC	RIG	OES	SWL	ARM	NCS	NSL	ARM	MWT	SAM	TIL
Category	WMFE	BRCR	BRCR	CSR	RIG	DFMS	LPS	OTHR	PCS	SLS	WSC	WTSE	WBCS	LHES
No. of Persons	1	1	1	6	68	1	6	1	2	3	2	3	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	8	0	24	24	8	0	24	10	24	24	0	0

Total
97

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARAMA

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2785	848	1577	4500	0	2617

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

MRJN-734 WORKOVER-1 BI-60

01/10/2026 - 03/27/2026

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saudi aramco

ADM-684 @ MRJN-734 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-684
Well: MRJN-734
Wellbores: (0) MRJN_734_0

Charge #: (72-25073-0734)
Wellbores: (0) MRJN_734_0

Objective : (E | INITIAL GAS LIFT /MANDREL/VALVE EQUIPMENT INSTALLATION)

Foreman(s): ABOUKORRAT, MOATAZ AHMED
Engineer: RUIZ, FERNANDO ENRIQUEZ / ALSHAIKH, RAMA FATHI
Manager: ABBAS, MUHAMMAD NASSER

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14158	013-378600 2	013-872740 5 (RADIO R OOM)

CONTRACTOR /CLERK VSA T: 013-873929 0 (CLERK)

Last 24 hr operations
SET PXN PLUG, PT TBG FAILED, SET 3.5" RBP AT 5050 FT, PT TBG FAILED, BREAK CD. POH W/ BAKER SEAL ASSY ON 4-1/2"TBG & L/D ALL.

Next 24 hr plan
RIH WITH BAKER PKR RETRIEVING ASSY., UNSET 7" PREMIER PKR & POH TAIL ASSY.

Location: MRJN-730/739 PF
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,932	9 5/8	8539	6879	7	5,606	7,947	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11932	18.5 (01/09/2026@1600)	100	0	233	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0900	4	0	EOW	C	COMP	DTU	GAUG	GD1	12285	12285			TF	965581	HPJSM, RU & PT GDM S/L EQUIPMENT. TO 300/2000 PSI & PERFORMED THE FOLLWOING: - RIH WITH 2.8" GC, TAG XN NIPPLE AT 5,104 FT ODF, POH. - RIH & SET 2.64" PXN PLUG IN 3 RUNS, POH . - MONITOR WELL ON TRIP TANK - WELL STATIC.
0900 - 1000	1	0	EOW	C	COMP	PTST	TBG	RIG	12285	12285			TF	965581	HPJSM, PT TBG TO 1000 PSI IN 200 PSI INCREMENTS, PRESSURE NOT HOLD.
1000 - 1200	2	0	EOW	C	COMP	RTRV	PLUGT	GD1	12285	12285			TF	965581	GDM S/L POH WITH PRONG & PXN PLUG & LD SAME. - MONITOR WELL ON TRIP TANK - WELL STATIC.
1200 - 1230	0.5	0	EOW	C	COMP	PJSM	TBG	RIG	12285	12285					HELD CREW CHANGE HANDOVER, PJSM WITH CREWS, DISCUSSED UPCOMING TASKS, ASSIGNED CREW DUTIES, REVIEW JSA / RISK ASSESSMENT. SAFE WORK OPERATIONS, ZONE MANAGEMENT, LINE OF FIRE & SWA. - PERFORM CRANE CHECKLIST.
1230 - 1430	2	0	EOW	C	COMP	SET	PLUGT	HSL	12285	12285	5050	5050	TF	965581	GDM S/L PERFORMED THE FOLLWING: - MU & RIH WITH HAL 3.5" RBP & JC, SET SAME AT 5,050 FT, POH. - MONITOR WELL ON TRIP TANK - WELL STATIC.
1430 - 1530	1	0	EOW	C	COMP	PTST	TBG	RIG	12285	12285			TF	965581	HPJSM, MU BAKER CEMENT LINE, PT TBG TO 1000 PSI IN 200 PSI INCREMENTS, PRESSURE NOT HOLD.
1530 - 1730	2	0	EOW	C	COMP	RTRV	PLUGT	GD1	12285	12285			TF	965581	GDM S/L PERFORMED THE FOLLWING: - RETRIEVED HAL 3.5" RBP & JC, AT 5,050 FT, - RIH WITH 2.5" SINKER BAR, TAG & BREAK CERAMIC DISK AT 5156', PASS TO EOT AT 5212 FT & POH. - MONITOR WELL ON TRIP TANK - WELL STATIC.
1730 - 1830	1	0	EOW	C	COMP	HT	PEL	RIG	12285	12285			TF	965581	RD GDM S/L.
1830 - 1930	1	0	EOW	N	DCOM	OTH	NA	ODJ	12285	12285			TF	965581	HPJSM RU ODFJ EQUIPMENT, CHECKED INTERLOCK & ESD, SIGNED SWAB.
1930 - 2000	0.5	0	EOW	N	DCOM	CIRC	MPMP	RIG	12285	12285			TF	965581	STING OUT WITH SEAL ASSY., FLOW CHECK, LOSSES 2 BPH.
2000 - 0000	4	0	EOW	N	DCOM	HT	TBG	RIG	12285	12285			TF	965581	POH WITH BAKER SEAL ASSY. & LD 4-1/2" TBG TO 2145 FT.
0000 - 0030	0.5	0	EOW	N	DCOM	PJSM	NA	RIG	12285	12285					HELD CREW CHANGE HANDOVER, PJSM WITH CREWS, DISCUSSED UPCOMING TASKS, ASSIGNED CREW DUTIES, REVIEW JSA / RISK ASSESSMENT. SAFE WORK OPERATIONS, ZONE MANAGEMENT, LINE OF FIRE & SWA. - PERFORM CRANE CHECKLIST.
0030 - 0430	4	0	EOW	N	DCOM	HT	TBG	RIG	12285	12285			TF	965581	POH WITH BAKER SEAL ASSY. & LD 4-1/2" TBG TO 150 FT.
0430 - 0459	0.5	0	EOW	N	DCOM	CIRC	MPMP	RIG	12285	12285			TF	965581	FLOW CHECK, LOSSES 2 BPH.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
26 Jan 1000	23	64	965581		TF	FOT	PKR	BC	5010	ATTEMPT TO PT TCA & CERAMIC DISK AFTER SETTING PKR, TCA HOLDING, BUT

LIMITED MORNING REPORT

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MRJN-734 WORKOVER-1 BI-60

01/10/2026 - 03/27/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
															TBG SIDE NOT HOLDING.

Workover Objectives

Foreman Remarks

* MRJN-734 OBJECTIVE:
1. KILL AND DE-COMPLETE THE WELL.
2. WELLBORE CLEAN OUT & WELLHEAD WORK.
3. INSTALL 7" X 9.625" ISOLATION KIT WITH CERAMIC DISK.
4. INSTALL AND CEMENT 7" TIEBACK CASING.
5. COMPLETE THE WELL WITH SMART COMPLETION AND GAS LIFT UPPER COMPLETION ON 4.5" 12.6# TUBING.
6. FLOWBACK THE WELL.

==========

PLATFORM WO SEQUENCE :
** MRJN-731 : RELEASED TO PRODUCTION
** MRJN-732 : SUSPENDED FOR FUTURE FLOWBACK
** MRJN-733 : SUSPENDED FOR FUTURE FLOWBACK
** MRJN-734: INITIAL GAS LIFT /MANDREL/VALVE EQUIPMENT INSTALLATION - CURRENT
** MRJN-736: INITIAL GAS LIFT /MANDREL/VALVE EQUIPMENT INSTALLATION

==========

* CONDUCTED H2S & ABANDON DRILLS ON 01/22/2026.
* DISCUSS HAND & FINGER SAFETY CAMPAIGN.

==========

MRJN-730/739
* COORDINATES: LAT 28DEG 22'.46"N & LONG: 049 DEG 42'.95"E, HEADING 330 DEG.
* LEG PENETRATIONS: BOW 12.8', PORT 14.6' & STBD 10.5'.
* WATER DEPTH: 155 FT, AIR GAP: 50.43', RKB TO MSL: 114' & RKB TO SEA BED: 268'
* ODF (SDA) RKB TO MSL:105'.
* RKB TO TBG SPOOL: 67.3 FT, ODF TO TBG SPOOL: 56.5FT.
* RKB DIFFERENCE: -10.8 FT

==========

ARAMCO PERSONNEL ON LOCATION:
* ARAMCO MATERIAL EXPEDITOR ALGHANEM, ALI A ID#8504794 ON BOARD SINCE 01/06/2026.
* ARAMCO MATERIAL EXPEDITOR MOHAMED ALOMRAN ID#820948 DEPARTED ON 01/27/2026.
* ARAMCO IT MIAN MUHAMMAD A AHMAD ID#8689530 DEPARTED ON 01/27/2026.

==========

CONTRACTOR MANAGEMENT VISITS:
* RIG MANAGER MAHMOUD YOUSEF VIDITED RIG ON 12/08/2025.
* OPERATION MANAGER AHMED ABDELSALAM VISITED RIG ON 07/28/2025
* ADES HSE SUPERVISOR KARIM YOUSSEF VISITED RIG ON 12/22/2025.

==========

LC-50: WBM SENT ON 7-OCT-2025 ON RAWABI-55, MNF#2400778041.

==========

* NEXT LOCATION: ZULF-104/109 PF. * PDS 8800025054 SUBMITTED 11/24/2025
* RIG MOVE REQUEST: RM- 2025-4013676 / RM-2025-4013677

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	0API	0	0 Volts	0	10	170,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	89.5	3	0	1 / 1	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
30	0	4	10.5	1 / 2	0	96,053	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	0API	0	0 Volts	0	10	170,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	89.5	3	0	1 / 1	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
30	0	4	10.5	1 / 2	0	96,053	0

MUD TREATMENT

CACL2-98	BCTRN	HEC	CAOH2	DFMR
37 (2200L)	3 (5GLD)	35 (55LB)	8 (50LB)	1 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	TOURLY	15-16 KNTS	2-3 FT	SEASONAL	1,102	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	OCS	GOS	BC	SCP	RIG	BDF	ARM	BCM	GD1	HSL	HCO	ARM	MWT	GEP	BFW	SAM
Category	CSR	CTRG	PSSC	ICE	RIG	DFMS	OTHR	PCS	SLS	SLS	SSSV	WSC	WTSE	WHES	WMFE	WBCS
No. of Persons	5	14	1	4	52	1	1	2	3	1	1	1	4	1	1	1

Total 93

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MRJN-734 WORKOVER-1 BI-60

01/10/2026 - 03/27/2026

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	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	12	0	12	0	24	12	0	24	12	6	0	24	12	0	0	0

TRUCKS/BOATS	Standby/Tankers					
	TOPAZ KARZAKKAN					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	2831	1201	1972	960	0	2017
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

SFNY-1363 DEVELOPMENT DRILLING BI-60

01/17/2026 - 04/11/2026

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ADM-685 @ SFNY-1363 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily OffShore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADM-685 Well SFNY-1363 Wellbores: (0) SFNY_1363_0	Charge #: (66-25013-1363) Wellbores: (0) SFNY_1363_0	Objective : (SFNY-1363 WILL BE DRILLED AS SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING SFNY RESERVOIR.)	Foreman(s) NURKHOLIS, AKHMAD / ALJADAANI, TALAL MENWER Engineer AALSUBHI, NAIF ABDULLAH / ALHAKIM, MULYANTO ROESTAM Manager GHAMDI, NAWAF AHMED THURAYA: 0088216777 14210 | RIG FORMAN VSAT: 013-677162 8 | OTHER VSAT: 013-673916 5 (RADIO R M) CONTRACTOR /CLERK VSA T: 013-673144 9

Last 24 hr operations	Next 24 hr plan
JACK DOWN, CONNECT TUG VESSELS, RIG MOVE TO SFNY-32, 494/497, 1362/1364 PF.	RIG UNDER TOWING.

Location	Next Location
SFNY 32, 494-497, 1362-1364	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
213	32	213	213				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
213	0 (@)		0	249	

Formation Tops

Formations	Top Depth	Comments
RUS	2,305	2293' TVD
UMER	2,530	2514' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	PRE	M	RM	RM	NA	RIG	0	0			HELD PJSM FOR JACKING DOWN AND ATTACHING TOW BRIDLE LINES.
0600 - 1200	6	0	PRE	M	RM	RM	NA	RIG	0	0			PERFORM JACKING OPERATION. JACK DOWN TO 15 FT AIR GAP. INSTALLING TOWING BRIDLE LINE TO WILLIAM R COYLE II (LEAD TUG BOAT), ZAMIL 53 (PORT) AND ZAMIL 54 (STBD). PERFORM FINAL CHECK ON WATER TIGHT INTEGRITY AND READINESS TO TOUCH WATER.
1200 - 1230	0.5	0	PRE	M	RM	RM	NA	RIG	0	0			HPJSM AFTER SHIFT CHANGE. DISCUSS JACKING DOWN AND LOWERING TO ZERO DRAFT AND WATERTIGHT INTEGRITY AND TOWING OPERATIONS.
1230 - 1500	2.5	0	PRE	M	RM	RM	NA	RIG	0	0			CONT' JACKING DOWN AND TOUCH WATER, CHECK WATER TIGHT INTEGRITY & PULL LEGS FREE OFF LOCATION.
1500 - 0459	14	0	PRE	M	RM	RM	NA	RIG	0	0			RIG ADM-685 OFF LOCATION & UNDER WAY FROM MRJN 750/759 PF TO SFNY 32, 494/497, 1362/1364 PF. DISTANCE 70 NM.

Foreman Remarks

SFNY-1363 WILL BE DRILLED AS SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING SFNY RESERVOIR TO A TOTAL DEPTH OF +/- 10,104 FTMD/ 5,150 FT TVD WITH +/- 3,000 FT OF RESERVOIR CONTACT TO MAINTAIN PRODUCTION POTENTIAL. THIS WELL WILL BE DRILLED FROM SLOT#3 ON SFNY-32/494/497, 1362-1364 PLATFORM. THE WELL WILL BE COMPLETED WITH 5-1/2" ICDS AND 350 MICRON SAND SCREENS, OPEN HOLE PACKERS FOR ZONAL ISOLATION, DOWNHOLE PACKER, ESP, Y-TOOL, AND 4-1/2" TUBING WITH FLAPPER TYPE TRSSSV.
==========SAFETY==========
* SAFETY MEETING TO DISCUSS LOSS PREVENTION COMPLIANCE REVIEW AND SMS.
* PERFORMED H2S ON 15-JAN-2026.
* ABANDON DRILL ON 22-JAN-2026.
* MAN DOWN DRILL: 12/28/2025
* WORK AT HEIGHT RESCUE DRILL: 12/31/2025
* HELD DAILY SAFETY MEETINGS WITH RIG KEY PERSONNEL & SERVICES SUPERVISORS.
* WEEKLY SAFETY MEETINGS.

DISCUSSED SAFETY ALERTS:
* HSE ALERT 04-26 : OPERTOR LIFTED BY WIRELINE CABLE.
* HSE ALERT 05-26 : ROUSTABOUT LIFTED BY TAGLINE.
* HSE ALERS 08-26, 09-26 & 10-26
* D&WO REEL SAFE 36-25 MONKEY BOARD DROPPED
* HAND AND FINGER SAFETY COMPAIGN (ODD#1 SAFETY CAMPAIGN)
* SWA & LOF CAMPAIGN. (ODD-1 & ADES)
* WORKING AT HEIGHTS/FALL PROTECTION AWARENESS CAMPAIGN (ADES CAMPAIGN)
* HAZARD HUNTS CAMPAIGN.
* ZERO TOLERANCE POLICY.
==========
PLATFORM STATUS/SEQUENCE:
MRJN-751 RECOMPLETE.....CONCLUDED
MRJN-752 RECOMPLETE.....CONCLUDED
MRJN-753 RECOMPLETE.....CONCLUDED
MRJN-758 RECOMPLETE.....CONCLUDED

==========
LC-50 SAMPLE:
SENT ON 26 OCT 2025 FROM MRJN-751 VIA WISE TIDE. - MANIFEST #2400781277

==========
CURRENT LOCATION: MRJN 751-752,753-758
* RIG HEADING: 330 DEG, RIG POSITION: LAT: 28DEG 21' 36.03" N LONG: 049DEG 37' 34.91' E.
* AIR GAP: 57 FT
* WATER DEPTH: 153 FT

LIMITED MORNING REPORT

SFNY-1363 DEVELOPMENT DRILLING BI-60

01/17/2026 - 04/11/2026

* RKB TO MSL (ELEVATION): 121 FT
* RKB TO SEABED:268 FT
* ODF CORRECTION: -11 FT
* LEG PENETRATION: BOW LEG 9.2', PORT LEG 9.2', STBD LEG 9.8'

==========

PERSONNEL ON LOCATION:
* ARAMCO MATERIAL EXPEDITOR MOHAMMED ALJARI ID#8499686 ON RIG SINCE 01-6-2026.
* ARAMCO RIG MOVER PURANDATT PRASHAD #8539528 LEFT RIG ON 1-23-2026 AT 15:00
* ARAMCO HSE ADVISOR HACINI, ABDELGHANI #8522147 DEPARTED SINCE 01-14- 2026.
* ARAMCO FCT ABDULLAH AL MROBA ID #780246 DEPARTED SINCE 01-13-2026.

==========CONTRACTOR MANAGEMENT VISIT==========
ADES QHSE SUPERVISOR EMAD EL SHAER (ID #8046897) ARRIVED ON 12-30-2025

==========RENTAL TOOLS==========
* NOTHING TO BE HIGHLITED.

==========TDS ZONE MANAGEMENT TEST==========
* TRAVELLING BLOCK ANTI-COLLISION SYSTEM (CROWN & FLOOR SAVERS) (OK).

========== RIG MOVE DATA ==========
* NEXT LOCATION: SFNY-32/494/497, 1362/1364 PF. 2 NEW SINGLE LATERAL WELLS TO BE DRILLED : SFNY-1363 & SFNY-1364.
* PLATFORM DEBRIS SURVEY: CRM 8000652656 - COMPLETED & HAD SOF FROM WELL SERVISES INFORMED THAT AREA IS CLEAR AFTER DEPRESSURIZATION OF PF.
* RIG MOVE REQUEST: RM-2025-4013641 & RM-2025-4013642 ON 15-NOV-2025.
* DEBRIS REMOVAL REQUEST: DP-2025-19653 ON 3-DEC-2025.
* DEPRESSURIZATION REQUEST: EMAIL SHARED ON 14-NOV-2025- COMPLETED.
* CURRENT PF MRJN 750-759 HANDOVER :
- PERFORMED INITIAL VISIT ON 8-JAN.2026 - ALL GOOD- ONE COMMENT TO REMOVE WFD WELL TEST HOSE FROM MRJN-753.
- PERFORMED 2ND VISIT ON 10- JAN-2026- ALL GOOD ONE ITEM RELATED TO SCADA SYSTEM TO BE DESSCUSE WITH PMT.
- FINAL VISIT - COMPLETED- HANDED OVER TO FS.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	13-16 KTS NW	5-7 FT	SEASONAL	862	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	BDF	ARM	SJC	ARM	
Category	CTRG	RIG	DFMS	OTHR	PCS	WSC	
No. of Persons	14	59	1	2	1	2	Total 79
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	12	24	24	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
TOPAZ KARZAKKAN	william r coyle ii	zamil-54	zamil-53	walker tide

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
614	1407	2100	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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MRJN-628 DEVELOPMENT DRILLING BI-60

11/28/2025 - 08/05/2027

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ADM-686 @ MRJN-628 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-686
Well: MRJN-628
Wellbores: (0) MRJN_628_0

Charge #: (66-25073-0628)
Wellbores: (0) MRJN_628_0

Objective : (WELL WILL BE DRILLED AS DUAL LATERAL TARGETING SFNY RESERVOIR WITH CONTACT 8000 FT IN BOTH LATERAL)

Foreman(s): ALSHAMMARI, KHALID DUBAYS / LAICHAOUI, ABOU BAKR ESSADDIK
Engineer: ALSHEHRI, BASIM HASSAN / ALHAKIM, MULYANTO ROESTAM /
Manager: ALMESHARI, KHALED ABDULLAH / DOSSARY, HAJER ADEL GHAMDI, NAWAF AHMED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882 167 7 71 4216	013-677-63 02	013-663-48 23 RADIO

CONTRACTOR /CLERK VSA T: 013-673-36 95 CLERK

Last 24 hr operations	Next 24 hr plan
DRILL 16" HOLE SECTION.	DRILL 16" HOLE SECTION TO 13-3/8" CP. CHC, SPOT CSG GO PILL, POH 16" DRLG BHA.

Location	Next Location
MRJN-620/629 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,570	18 5/8	2364	2351				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2601	6.1 (01/26/2026@0230)	100	1,969	228	

Formation Tops

Formations	Top Depth	Comments
DMMM	1,523	1519' TVD
RUS	2,297	2285' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 2245	17.75	0	16	N	DRLG	DMR	MMOT	BHI	2601	4250			DRILL 16" HOLE WITH BHI MOTOR/MWD/GR ASSEMBLY. - PUMP HI-VIS SWEEPS AS REQUIRED. - TAKE SURVEY 10' OFF BOTTOM EACH STAND.
2245 - 0045	2	0	16	N	DRLG	CIRC	MPMP	RIG	4250	4250			PUMP SWEEPS AND CIRCULATE HOLE CLEAN PRIOR DRILLING ARUMA FORMATION. - FUNCTION TESTED TRAVELLING BLOCK & WORK BASKET ANTI-COLLISION INTERLOCK SYSTEM. CHECKED UPPER AND LOWER LIMITS. - FUNCTION TESTED 21-1/4" DIVERTER SYSTEM.
0045 - 0459	4.25	0	16	N	DRLG	DMR	MMOT	BHI	4250	4570			DRILL 16" HOLE WITH BHI MOTOR/MWD/GR ASSEMBLY. - PUMP HI-VIS SWEEPS AS REQUIRED. - TAKE SURVEY 10' OFF BOTTOM EACH STAND.

Foreman Remarks

MRJN-628 WILL BE DRILLED AS A DUAL LATERAL HORIZONTAL PRODUCER TARGETING SFNY RESERVOIR TO A TOTAL DEPTH OF +/- 11,562 FT MD
IN L-0 AND +/- 11,929 FT MD IN L-1 WITH A TOTAL RESERVOIR CONTACT OF +/- 8,000 FT IN BOTH LATERALS. WELL TO BE COMPLETED WITH
ICV, ICD CONVENTIONAL SAND SCREEN & GAS LIFT. AND WILL BE FLOWED BACK AFTER COMPLETION.
==========
DAILY SAFETY:
* HAND AND FINGER SAFETY COMPAIGN (ODD#1 SAFETY CAMPAIGN)
* SWA & LOF CAMPAIGN. (ODD-1 & ADES)
* FORKLIFT SAFETY CAMPAIGN
* WORKING AT HEIGHTS/FALL PROTECTION AWARENESS CAMPAIGN (ADES CAMPAIGN)
* WATER CONSERVATION CAMPAIGN (ODD-1)
* IN HOUSE HSE CAMPAIGN: HAZARDOUS CHEMICAL SAFETY CAMPAIGN.
* REINFORCE RED ZONE MANEGEMENT, STOP WORK AUTHORITY, LINE OF FIRE, HANDS-FREE OPERATIONS & LIFE SAVING RULES IN ALL PRE-TOUR MEETINGS.
* CONDUCTED LIFE BOAT DRILL ON 28 SEP 2025.
* CONDUCTED CONFINED SPACE RESCUE DRILL ON 14 NOV 2025.
* CONDUCTED SAFETY DRILL: H2S & ABANDON SHIP DRILL ON 20 JAN 2026.
* CONDUCTED FIRE DRILL ON 12 JAN 2026
* CONDUCT LOST OF RA SOURCE DRILL 03 MAR 2025.
* CONDUCTED SECONDARY DRILL: MAN DOWN DRILL ON 1 DEC 2025.
* CONDUCTED RESCUE AT HEIGHTS DRILL ON 30 NOV 2025.
* CONDUCTED MAN OVERBOARD DRILL ON 28 SEP 2025.
* PERFORM FUNCTION TEST FOR TRAVELLING BLOCK & WORK BASKET (CHERRY PICKER) ANTI-COOLISION INTERLOCK SYSTEM. DAILY.
* PERFORM FUNCTION TEST FOR ZOME MANAGMENT SYSTEM BETWEEN LINK TILT AND MONKEY BOARD.
==========
* WBM LC-50 SAMPLE SENT NOV 02, 2025 RAWABI-58 MNF #2400782619.
==========
HOLE SECTIONS:
* 32" CP ACTUAL DEPTH AT 276 FT.
* 22" PLANNED DEPTH AT 2,339 FT. ACTUAL AT 2364 FT.
* 16" PLANNED DEPTH AT 5,640 FT. ACTUAL AT XX FT. - CURRENT SECTION
* 12 1/4" PLANNED DEPTH AT 7,562 FT. ACTUAL AT XXXX FT.
* 8-1/2 " PLANNED DEPTH AT 11,300 FT. ACTUAL AT XXX FT.
* L1 8 -1/2" PLANNED DEPTH AT 11,929 FT. ACTUAL XXX FT.
==========
PERSONNEL ON LOCATION:
* ARAMCO MATERIAL EXPEDITOR ALOTIBI MAJED #8464261 ONBOARD SINCE 22 JAN. 2026.
==========RIG POSITION & DATA==========
** WELL: NRJN-620/629
** WATER DEPTH: 108'.
** AIR GAP: 49'.
** RKB TO MSL: 124.5'
** RKB TO MUD LINE: 220'
** LEG PENETRATIONS: BOW 8', PORT 8', STBD 7.8'.

LIMITED MORNING REPORT

MRJN-628 DEVELOPMENT DRILLING BI-60

11/28/2025 - 08/05/2027

==========
- PLATFORM MRJN-620/629 BATCH SEQUENCE:

* BATCH DRILL 22" : MRJN-621 (DONE) , MRJN-623 (DONE) , MRJN-622 (DONE) , MRJN-624(DONE), MRJN-626(DONE), MRJN-628(DONE), MRJN-629(DONE), MRJN-627(DONE).
* BATCH DRILL 16" : MRJN-624, MRJN-622, MRJN-626, MRJN-628(CURRENT), MRJN-629(DONE), MRJN-627(DONE), MRJN-623(DONE), MRJN-621(DONE).

* DRILL MRJN-623 : 12-1/4" & 8-1/2".
* DRILL MRJN-627 : 12-1/4" & 8-1/2".

* BATCH DRILL 12 1/4" : MRJN-628, MRJN-629, MRJN-626, MRJN-622, MRJN-621, MRJN-624.
* BATCH DRILL 8 1/2" : MRJN-621, MRJN-623, MRJN-627, MRJN-629, MRJN-628, MRJN-626, MRJN-624, MRJN-622.
==========
CONTRACTOR PERSONNEL:

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	2,682	11.52	107.25	94	2,663	-39.34	73.89	274.64	0.45
0	2,776	12.04	107.59	94	2,755	-41.09	79.47	293.52	0.56
0	2,870	12.53	104.02	94	2,847	-42.75	85.34	313.13	0.96
0	2,965	12.93	102.34	95	2,940	-44.2	91.55	333.52	0.57
0	3,059	13.44	102.56	94	3,031	-45.61	97.93	354.42	0.55
0	3,154	13.97	102.44	95	3,123	-47.09	104.63	376.43	0.56
0	3,248	14.46	103.57	94	3,215	-48.68	111.48	399.09	0.59
0	3,343	15.1	104.09	95	3,306	-50.44	118.65	423	0.69
0	3,437	15.45	104.45	94	3,397	-52.3	125.97	447.48	0.38
0	3,532	15.98	104.68	95	3,489	-54.28	133.56	472.97	0.56
0	3,627	16.54	105.22	95	3,580	-56.37	141.39	499.38	0.61
0	3,722	16.98	105.93	95	3,671	-58.61	149.43	526.62	0.51
0	3,816	17.51	105.94	94	3,761	-60.94	157.6	554.36	0.57
0	3,910	18.08	106.13	94	3,850	-63.36	166.01	582.99	0.61
0	4,005	18.68	106.33	95	3,940	-65.91	174.78	612.85	0.63
0	4,099	19.12	107.15	94	4,029	-68.59	183.67	643.24	0.54
0	4,194	19.57	107.01	95	4,119	-71.4	192.84	674.66	0.48
0	4,289	20.06	107.74	95	4,208	-74.34	202.21	706.82	0.57
0	4,383	20.69	107.78	94	4,296	-77.38	211.71	739.52	0.68
0	4,478	21.17	108.07	95	4,385	-80.56	221.55	773.43	0.51

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	3.8API	0	0 Volts	1.11	9.7	61,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	0HTHP	91	29	0	11 / 16	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	1	15	9	10 / 11	2.5	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	3.8API	0	0 Volts	1	10	64,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
117	0HTHP	92	26	0	10 / 16	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	1	15	8	9 / 10	2.5	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	4API	0	0 Volts	1.17	10	65,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	0HTHP	92	27	0	10 / 15	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	1	14	8	9 / 10	2.5	0	0

MUD TREATMENT

CAUST	BCTRN	PACLV	DUOVIS-NS	SODASH	MRBL-M	CITRICACID
8 (50LBP)	4 (5GLD)	36 (50LB)	40 (55LB)	8 (100LB)	5 (2200L)	2 (100LB)
S-PHPA-S	**RAPIDSWEEP**	**H2S-SCAV-L**	**NACL**	**PENETREX**	**MAX-GUARD**	
24 (50LB)	4 (LB)	1 (55GL)	6 (2200L)	12 (55GL)	16 (55GL)	

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
2RR	2,364	4,570	DP Av	DC Av	Bit HHP	40	60	M323	16	HTC
Pressure	**GPM**	**Jet Vel**	119.43	162.66	693	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,000	1,100	355				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
7918318R	DD607X	13 x 10 /	0.997							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	24	250	260	245	22,000		0

LIMITED MORNING REPORT

MRJN-628 DEVELOPMENT DRILLING BI-60

11/28/2025 - 08/05/2027

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs
	0		

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Drillpipe	RIG	5.5	0	5.5	4.67	0	1,053.98	DSTJ	DSTJ	24.7	142,720.71	S135	PREM	
12	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	470.18	1,053.98	XT54	XT54	54	142,720.71		CONV	
11	Crossover	RIG	8.5	1	8.5	2.813	2.62	583.8	XT54	6 5/8 REG	133.2	117,330.99			686-10-04
10	Drillcollar	RIG	8.5	3	8.5	2.813	123.22	581.18	6 5/8 REG	6 5/8 REG	167.5	116,982.006		SPRL	
9	Crossover	RIG	9.5	1	9.5	3	3	457.96	7 5/8 REG	6 5/8 REG	141.6	96,342.656			4349.1.2
8	Drillcollar	RIG	9.5	3	9.5	3	61.72	454.96	7 5/8 REG	7 5/8 REG	211.7	95,917.856		SPRL	
7	Hydraulic Jar	NPJ	9.5	1			29.72	393.24			58	82,851.732			GE-DJ-00198
6	Drillcollar	RIG	9.5	9	9.5	3	274.5	363.52	7 5/8 REG	7 5/8 REG	211.7	81,127.972		SPRL	
5	Stabilizer	BHI	16	1	16	3	7.74	89.02	7 5/8 REG	7 5/8 REG	245.3	23,016.322			AWSS4215
4	Measurement While Drilling (MWD)	BHI	9.5	1	9.5	3.25	33.03	81.28	7 5/8" Reg B	7 5/8" Reg P	239.48	21,117.7			ZDHP12047816
3	Stabilizer	BHI	16	1	16	3	6.11	48.25	7 5/8 REG	7 5/8 REG	245.3	13,207.676			SDT16667
2	Mud Motor	BHI	12.75	1	12.75		40.67	42.14	7 5/8" Reg B	7 5/8" Reg B	287.9	11,708.893			16096591
1	Bit	HTC	16	1	16		1.47	1.47				0			7918318R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	FUNCTION TEST DIVERT	20 KNOT	4 FT	N/A	826	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	OCS	ABE	HDV	BHI	RIG	BDF	ARM	HCM	ARM	CAM
Category	CSR	CTRG	DV	DPDS	RIG	DFMS	OTHR	PCS	WSC	WHES
No. of Persons	1	13	0	2	48	2	1	3	2	1
Personnel on Loc. Hrs.	24	24	0	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	24	24	12	24	24	2

Total
73

TRUCKS/BOATS

Standby/Tankers
RAWABI-209 (SSB)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
4426	1488	3240	5565	0	2353

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
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LIMITED MORNING REPORT

MRJN-804 DEVELOPMENT DRILLING BI-60

01/05/2026 - 09/16/2027

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ADM-687 @ MRJN-804 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s) / Engineer / Manager
ADM-687	(66-25073-0804)	(THE WELL WILL BE DRILLED AS A SINGLE LATERAL OIL PRODUCER TARGETING KHFJ RESERVOIR)	SALEH, AHMED MAHMOUD / BAHUWAYRITH, RAYIF ABDULRAHMAN ALGHAMDI, MUTHANNA MOHAMMED / ALSHEHRI, SAAD KHALID YAMI, NASSER SALEM
Well: MRJN-804	Wellbores: (0) MRJN_804_0		
Wellbores: (0) MRJN_804_0			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4215	0136737829	0136739297
OTHER VSAT	CONTRACTOR /CLERK VSA T	
0136738616 RADIO ROO M	0136739209	

Last 24 hr operations	Next 24 hr plan
N/U 26-3/4" DIVERTER SYSTEM. P/T 26-3/4" BOP AS PER ARAMCO WELL CONTROL MANUAL. RIH & SET WEARBUSHING.	M/U & RIH 16" C/OUT BHA. C/OUT SHOE TRACK AND 10' NEW FORMATION. DISPLACE WELL. POOH AND R/B 16" C/OUT BHA.

Location	Next Location
MRJN-800/809 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
2,315	32	345	345				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
345	18.6 (01/09/2026@1400)	100	0	225	

Formation Tops

Formations	Top Depth	Comments
DMMM	1,499	1492' TVD
RUS	2,263	2245' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0915	4.25	0	22	N	BOP	NU	DVRT	RIG	2313	2313			N/U OVERSHOT, AND KFDJ DIVERTER. POOH AND L/D RUNNING TOOL.
0915 - 1130	2.25	0	22	N	BOP	NU	CTRL	RIG	2313	2313			INSTALL ALL CONTROL LINES ON BOPE.
1130 - 1430	3	0	22	N	WH	NU	GV	FME	2313	2313			INSTALL VR PLUGS ON SIDE OUTLET VALVES ON WELLHEAD.
1430 - 1515	0.75	0	22	N	WH	PTST	GV	FME	2313	2313			PRESSURE TEST WELLHEAD SIDE OUTLET VALVES TO 300/3,000 PSI FOR 10 MINS EACH. GOOD TEST
1515 - 1530	0.25	0	22	N	BOP	PJSM	BOP	RIG	2313	2313			HOLD PJSM PRIOR PRESSURE TESTING BOPE, DISCUSS LINE OF FIRE, HIGH PRESSURE LINES & REVIEW JSA.
1530 - 1830	3	0	22	N	BOP	BOPT	BOP	RIG	2313	2313			M/U & RIH TEST ASSEMBLY ON 5-1/2" DP, M/U SES TESTING ASSEMBLY, LAND TEST PLUG INSIDE WELLHEAD PROFILE. FLUSH SURFACE LINES AND FILL BOPE WITH CLEAN WATER.
1830 - 2245	4.25	0	22	N	BOP	BOPT	BOP	RIG	2313	2313			PRESSURE TEST 26-3/4" BOP AS PER ARAMCO WELL CONTROL MANUAL,
2245 - 0000	1.25	0	22	N	BOP	OTH	BOP	RIG	2313	2313			BACK OFF FROM TEST PLUG, POOH & L/D SES TESTING ASSEMBLY.
0000 - 0130	1.5	0	22	N	BOP	BOPT	BOP	RIG	2313	2313			PRESSURE TEST BLIND RAMS AS PER ARAMCO WELL CONTROL MANUAL.
0130 - 0215	0.75	0	22	N	BOP	OTH	BOP	RIG	2313	2313			RIH TEST ASSEMBLY ON 5-1/2" DP, TIE BACK INTO TEST PLUG
0215 - 0300	0.75	0	22	N	BOP	BOPT	BOP	RIG	2313	2313			PERFORM ACCUMULATOR DRAW DOWN TEST - GOOD RESULT.
0300 - 0345	0.75	0	22	N	BOP	OTH	BOP	RIG	2313	2313			POOH & L/D TEST ASSEMBLY AND TEST PLUG.
0345 - 0415	0.5	0	22	N	WH	OTH	NA	RIG	2313	2313			CLEAN AND CLEAR RIG FLOOR.
0415 - 0459	0.75	0	22	N	WH	SET	WBSH	RIG	2313	2313			P/UP AND M/UP 18-3/4" FMC WEAR BUSHING TO RUNNING TOOL, ONGOING AT RPT.

Foreman Remarks

WELL OBJECTIVE:
THE WELL WILL BE DRILLED AS A SINGLE LATERAL OIL PRODUCER TARGETING KHFJ RESERVOIR .INITIALLY, AN 8-1/2" PILOT HOLE WILL BE DRILLED IN THE 22" AND 16" HOLE SECTIONS TO CONFIRM THE ABSENCE OF SHALLOW GAS. UPON VERIFICATION, THE SECTIONS WILL BE ENLARGED TO THE PLANNED 22" & 16" HOLE SIZE. THE WELL WILL BE COMPLETED WITH ICDS, CONVENTIONAL SAND SCREENS, GAS LIFT MANDRELS (GLM) AND PERMANENT DOWNHOLE MONITORING SYSTEMS (PDHMS)
==========
MONITOR CCA1 & 2 ON MRJN-800; ALL ZERO.
==========
PLATFORM WELL STATUS IN ORDER OF OPERATIONS:
- MRJN-800 WELL: TIE BACK COMPLETED.
- MRJN-800: 8-1/2" PLIOT HOLE , ENLARGE TO 22" + 8-1/2" PILOT HOLE THEN ENLARGE TO 16" .
==========
LOCATION DETAILS:
- LOCATION: MRJN-800/809 PF
- LATITUDE: N-3129164
- LONGITUDE: E-362368
- HEADING = 331 DEG
- WATER DEPTH = 175 FT
- RKB TO MUD LINE= 115 FT
- AIR GAP = 40 FT
==========
DRILLS & HSE:

LIMITED MORNING REPORT

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Report ID: OPERLMTDMRREP

MRJN-804 DEVELOPMENT DRILLING BI-60

01/05/2026 - 09/16/2027

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- REVIEW HSE ALERTS WITH RIG CREW 175-25, 06-26, 07-26.
- TEST CALL MADE TO DAHRAN DRILLING ECC VIA THURAYA SAT PHONE EACH SUNDAY.
- PERFORM WEEKLY H2S & ABANDON DRILL ON 24-JAN-26.
- RADIATION DRILL ON 03/20/2025.
- RUN E-GEN FOR 2 HRS ON 1ST-DEC/2025.
- SECONDARY ANNUAL DRILL ON 24-APRIL-25.
- LIFE BOAT DRILL ON 7/2/2025.
- MAN DOWN DRILL ON 24-JAN-26.
- MAN OVERBOARD ON 02-JULY-25.
- VERTICAL RESCUE DRILL ON 22/1/2026.
- CONFINED SPACE RESCUE DRILL ON 01-JULY-25.
- OIL SPILL DRILL ON 24-MAR-25

==========
LC-50 SAMPLES:
==========
ARAMCO PERSONNEL:
- ARAMCO CLERK OLIVER TANDINGAN ID # 8112855 ON RIG 15/01/2026.
== ==========ADES RIG MANAGER VISIT ==========
ADES RM - ISLAM ABOZAID #8601511 ONBOARD 8-DEC-25 & LEFT ON 17-DEC-2025.
ADES OPERATION MANAGER - AHMED LOTFY #8317925 ONBOARD 8-DEC-2025 & LEFT ON 10-DEC-2025.
== ==========
-DE HELD STUCK PIPE PREVENSION SESSION TO THE CREW .
-DE HELD PRE SPUD MMETING TO MRJN-804.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	PER TOUR	1 - 2 KTS NW	1-2 FT	SEASONAL	761	PRE-TOUR AND WEEKLY SAFETY

PERSONNEL AND SERVICES INFORMATION

Company	RIG	BHI	GC1	RIG	BDF	RO1	ARM	HCM	ARM	CRW	FME
Category	CTRG	DPDS	DPDS	RIG	DFMS	MLS	OTHR	PCS	WSC	WBCS	WHES
No. of Persons	14	2	1	54	2	3	1	4	2	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	24	0	12	24	24	0	0

Total
85

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARZAKKAN

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	1881	1535	3592	0	4103

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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SFNY-1135 WORKOVER-2 BI-60

01/01/2026 - 03/11/2026

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ADM-688 @ SFNY-1135 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-688
Well: SFNY-1135
Wellbores: (2) SFNY_1135_2

Charge #: (71-25013-1135)
Wellbores: (2) SFNY_1135_2

Objective : (DE-COMPLETE THE WELL. P&A EXISTING LATERALS. DRILL & COMPLETE WELL THRU SAFANIA RESERVOIR.)

Foreman(s) ALAMER, BADER ABDULLAH
Engineer BOKHAMSIN, NADA MOHAMMED / SUBRAMANIAM, ASHOK KUMAR
Manager HARBI, SALEH MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0021677714 162	0136734459	0138167257

CONTRACTOR /CLERK VSA T: 0136734458

Last 24 hr operations: DRILL 6-1/8 X 7" SECTION. FAILURE IN BAKER BHA. POOH TO CHANGE BHA.

Next 24 hr plan: POOH TO CHANGE BHA. PU & RIH 6-1/8 X 7" ASSY. DRILL 6-1/8 X 7" SECTION.

Location: SFNY-1130/1139

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,288	9 5/8	6449	4733	7	4,683	7,277	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7280	27.1 (01/01/2026@0330)	100	379	261	

Formation Tops

Formations	Top Depth	Comments
PLVL	5,301	4556 FT TVD
AHMD	5,387	4609 FT TVD
CPCK	5,575	4724 FT TVD
WARA	5,911	4916 FT TVD
MDDD	6,463	5104 FT TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0600	1	2	6 1/8	N	DRLG	HT	BHA	RIG	7611	7611					PU 3 STD OF 4" DP & RIH W/ 6-1/8" X 7" BKR RSS/MWD/LWD & SLB UR BHA ON 5-1/2" DP.
0600 - 0830	2.5	2	6 1/8	N	DRLG	D	RSS	BHI	7611	7745					DIR DRILL 6-1/8" X 7" HOLE W/ BKR RSS/MWD/LWD/UR/PBL BHA. - REAM UP & DOWN EVERY STD.
0830 - 1430	6	2	6 1/8	N	DRLG	DCG	RSS	BHI	7745	7990			BHA	965602	OBERSEVED DATA NOISE IN BAKER NBGR TOOL. BAKER SENT TWO DOWN LINKS, NO SUCCESS. PU OFF BTM & STOP ROTATION TO VERFIY READINGS, DATA TRANSMIT ZERO VALUES. DIR DRILL 6-1/8" HOLE W/ SLB RSS/MWD/LWD/UR/PBL BHA AT CONTROL ROP FOR TROUBLESHOOTING.
1430 - 1815	3.75	2	6 1/8	N	DRLG	CIRC	MPMP	RIG	7990	7990			BHA	965602	PUMP SWEEPS & CIRCULATE HOLE CLEAN.
1815 - 1845	0.5	2	6 1/8	N	DRLG	CIRC	MPMP	RIG	7990	7990			BHA	965602	FLOW CHECK - WELL STATIC.
1845 - 2015	1.5	2	6 1/8	N	DRLG	ST	STDP	RIG	7990	7990	7990	7277	BHA	965602	POH W/ 6-1/8" X 7" HOLE W/ BKR RSS/MWD/LWD/UR/PBL BHA.
2015 - 2045	0.5	2	6 1/8	N	DRLG	CIRC	MPMP	RIG	7990	7990			BHA	965602	FLOW CHECK - WELL STATIC.
2045 - 2115	0.5	2	6 1/8	N	DRLG	HT	PEL	RIG	7990	7990			BHA	965602	CHANGE HANDLING EQUIPMENT TO 4".
2115 - 2315	2	2	6 1/8	N	DRLG	ST	STDP	RIG	7990	7990	7277	4669	BHA	965602	POH W/ 6-1/8" X 7" HOLE W/ BKR RSS/MWD/LWD/UR/PBL BHA TO TOL.
2315 - 2345	0.5	2	6 1/8	N	DRLG	CIRC	MPMP	RIG	7990	7990			BHA	965602	FLOW CHECK - WELL STATIC. SLUG PIPE.
2345 - 0130	1.75	2	6 1/8	N	DRLG	TO	STDP	RIG	7990	7990	4669	1052	BHA	965602	POH W/ 6-1/8" X 7" HOLE W/ BKR RSS/MWD/LWD/UR/PBL BHA
0130 - 0145	0.25	2	6 1/8	N	DRLG	CIRC	MPMP	RIG	7990	7990			BHA	965602	FLOW CHECK - WELL STATIC.
0145 - 0200	0.25	2	6 1/8	N	DRLG	ST	STDP	RIG	7990	7990	1052	432	BHA	965602	POH W/ 6-1/8" X 7" HOLE W/ BKR RSS/MWD/LWD/UR/PBL BHA
0200 - 0215	0.25	2	6 1/8	N	DRLG	CIRC	MPMP	RIG	7990	7990			BHA	965602	FLOW CHECK - WELL STATIC.
0215 - 0400	1.75	2	6 1/8	N	DRLG	HT	BHA	RIG	7990	7990			BHA	965602	POH & LD JAR, PBL SUB & RHINOREAMER ASSY.
0400 - 0459	1	2	6 1/8	N	DRLG	HT	BHA	BHI	7990	7990			BHA	965602	POH & LD BAKER ASSY TO CHANGE 4-3/4" RSS & NBGR ASSY.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 0830	20.5	20.5	965602		BHA	FOT	RSS	BHI	0	WHILE DRILLING 6-1/8" X 7" HS. NBGR STOP TRANSMITTING DATA.

Workover Objectives

Foreman Remarks

THE OBJECTIVE OF THIS WORKOVER IS TO PERFORM WELL KILL WITH KILL BRINE. DE-COMPLETE THE SMART WELL COMPLETION WITH ESP, PLUG AND ABANDON CURRENT LATERALS. THEN SIDETRACK THE WELL TO SAFANIYA RESERVOIR AND RECOMPLETE IT AS SINGLE OIL PRODUCER WITH ESP AND Y-TOOL. FLOWBACK
==========

CURRENT LOCATION DATA:

LIMITED MORNING REPORT

SFNY-1135 WORKOVER-2 BI-60

01/01/2026 - 03/11/2026

- PLATFORM/WELL: SFNY 1130/1139.
- RIG POSITION : LAT: 28 DEG 26' 32" N , LONG : 49 DEG 02' 05.43"E.
- RIG HEADING 346 DEG.
- LEG PENETRATIONS: 9.5 FT BOW , 8.5 FT PORT , 7.0 FT STBD
- WATER DEPTH: 108 FT
- AIR GAP: 40 FT
- ADM-688 RKB TO MSL: 121 FT
- RKB TO MUD LINE (SEABED) : 229 FT.
- ODF RKB-MSL:102'.
- ODF CORRECTION: 14 FT.

========== CASING POINTS & WELL DESIGN ==========

OLD WELL STATUS:
- L-0:
- TD, 8-1/2" HS AT 9589'.
- COMPL: HAL LOWER COMPL (SWELL PACKERS AND RAPID STAGES ON 7 IN LINER (TOL AT 6,170 FT MD).
- L-1:
- DRILLED 8.5" HS RAN AND CEMENTED HAL 7 IN LINER AT 6,880 FT MD (TOL AT 5,047 FT MD).
- TD FOR 6-1/8" 10,188'. (TOW 5043' & BOW 5,057' MD).
- COMPL: BAKER LOWER COMPL: SWELL PACKERS & MTV SCREENS.

==========

WELL DATA:
- GOR = 109 SCF/STB.

L2:
- TOW @ 4958 FT
- BOW @ 4977 FT ODF.

==========

PF SEQUENCE:
SFNY-1139: DRILLED & COMPLETED WITH SAWAFI-ESP. SUSPEND FOR FLOW BACK.
SFNY-1135: DE-COMLETION OPERATION- P&A EXISTING LATERALS- SIDE TRAK - DRILL 8-1/2" & 6-1/8" HS. COMPLETION OPERATION. (CURRENT WELL).

FLOW BACK SEQUENCE:
- SFNY-1135.
- SFNY-1139.

==========

HSE & DRILLS:
PRIMARY DRILL HELICOPTER CRUSH/FIRE/MEDVAC. ON 12/30/2025.
SECONDARY DRILL ON 20, OCT, 2025.
H2S DRILL ON 29, DEC, 2025
FIRE DRILL ON 29, DEC, 2025
ABANDON SHIP DRILL ON 29, DEC, 2025
HELD MAN DOWN DRILL ON 13, DEC, 2025.
H2S RESCUE DRILL ON 15, DEC, 2025
MAN OVERBOARD ON 09,NOV,2025
RESCUE AT HEIGHTS DRILL ON 09, DEC, 2025
CONFINED SPACE DRILL ON 13, DEC, 2025
WELL CONTROL DRILLS (PIT DRILL, TRIP DRILL) DAILY
OIL SPILL EQUIPMENT DRILL 16, DEC, 2025.
WEEKLY HSE CAMPAIGN (HAZARDOUS MATERIAL COMMUNICATION)

==========

LC-50 SAMPLE:
* WBM, BACKLOADED ON SKIPSEY TIDE ON 11/22/2025, MNF# 2400785918.
* OBM, BACKLOADED ON SKIPSEY TIDE ON 12/20/2025, MNF #2400790547.

==========

ARAMCO PERSONNEL ONBOARD:
ARAMCO MATERIAL AHMED F HAMDI #8534310 ONBOARD SINCE 1/20/2026.

==========

DRILLING CONTRACTOR MANAGEMENT VISITS:
- AHMED LOTFY, ADES OPS MANAGER VISIT ON 10/14/25.
- MARWAN HEFNY, ADES RIG MANAGER VISIT ON 10/14/25.
- AHMED GAMAL, ADES RIG QHSE SUPERVISOR VISIT ON 09/10/25.

==========

NEXT PF:
SFNY-143/146, 207/208, 1346/1349 PF:
- PDS CRM - 8800025073 SUBMITTED ON NOV 17, 2025.
- RIG MOVE REQUEST #RM-2026-4014120 SUBMITTED ON 01/16/2026.
- DEPRESSURIZATION & PF VISIT EMAIL SENT ON 01/16/2026.
- DEBRIS REMOVAL DIVING REQUEST #DP-2026-2003 SUBMITTED ON 1/17/2026.

SFNY-4000/4009 PF:
- PDS CRM - 8800025021 SUBMITTED ON NOV 12, 2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
2	7,679	84.79	222.08	93	5,223	-1023.82	-902.22	4,477.13	0.28
2	7,772	84.48	222.11	93	5,231	-1044.76	-921.14	4,569.72	0.33
2	7,867	84.3	222.09	95	5,241	-1066.14	-940.46	4,664.26	0.2

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	1	0API	52	498 Volts	1.8	0	75,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.2HTHP	28	20	0	10 / 15	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
80	0	25	20	8 / 10	0	0	1

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LIMITED MORNING REPORT

SFNY-1135 WORKOVER-2 BI-60

01/01/2026 - 03/11/2026

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Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	1	0API	52	518 Volts	1.7	0	75,500
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	1HTHP	28	21	0	11 / 16	INOVRT	0.2
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
78	0	26	20	9 / 10	0	0	0.8

MUD TREATMENT

MRBL-M	CACO3-25	CACO3-50
1 (2200L)	12 (55LB)	12 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	TOURLY	20 KNOTS NW	2 FT.	SEASONAL	752	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	OCS	GOS	BHI	SRT	RIG	BDF	BAR	ARM	BCM	BRD	ARM	WWB	BLH	BC
Category	CSR	CTRG	DPDS	DRF	RIG	DFMS	DFMS	OTHR	PCS	SCS	WSC	WBCS	LHES	PSSC
No. of Persons	2	13	3	1	52	1	1	2	2	1	1	1	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	24	12	12	12	24	0	24	24	0	0

Total
82

TRUCKS/BOATS

Standby/Tankers
rawabi-204

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2245	1805	1912	4752	0	3360

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
VERY POOR V-SAT CONNECTION.		

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ZULF-233 WORKOVER-1 BI-60

01/12/2026 - 05/03/2026

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ADM-689 @ ZULF-233 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-689
Well: ZULF-233
Wellbores: (0) ZULF_233_0

Charge #: (72-24062-0233)
Wellbores: (0) ZULF_233_0

Objective : (2 | ESP: INITIAL INSTALLATION OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): ADELSALAM, KHALED MOHAMED / ELBANNA, BELAL ABOUELFATH / ASIRI, FARES MOUSA
Engineer Manager: GUEVARA LISTA, ILDEMARO HUMBERTO / ABBAS, MUHAMMAD NASSER

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14206	013 673 99 63	013 673 91 18 (FCT/HS E)
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
013 673 91 18 (MAT. E XP)	013 673 91 48 (RADIO ROOM)	

Last 24 hr operations: 9-5/8" CORROSION LOG, R/D SLB W/L EQPT, N/D S.NIPPLE, N/U B.NIPPLE/B.BORE DIVERTER. P/U HLB RBP, RIH

Next 24 hr plan: RIH, SET/TEST RBP, CIRC, P/U HLB RTTS, SET/TEST RTTS, COMMENCE MAJOR WH WORK AS PER PROGRAM

Location: ZULF 228/233, 305/309 PF
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,795	9 5/8	7488	5944	7	7,166	9,918	6,093

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9795	16 (01/12/2026@0430)	100	0	251	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1200	7	0	POST	E	LOG	LOG	WLT	SWL	9795	9795	2800	0	LOG UP MAIN PATH F/2800' ODF TO SURFACE WITH SLB RUN#1 (CORROSION LOG/CCL) AS PER PROGRAM. - MONITOR WELL WITH T/T
1200 - 1230	0.5	0	POST	E	LOG	PJSM	NA	RIG	9795	9795			HOLD SAFETY HANDOVER MTG: DISCUSSED CURRENT OPS, SWA, USING HFT, PROPER HAND/BODY PLACEMENT, LOF, WORKING AT HEIGHTS AND RED ZONE MANAGEMENT.
1230 - 1400	1.5	0	POST	E	LOG	OTH	NA	SWL	9795	9795			PROCESS LOG AND SEND TO TOWN, DECISION TO PERFORM REPEAT PASS AT 4000'-3900' ODF AND 3650'-3550' ODF. - MONITOR WELL WITH T/T
1400 - 1430	0.5	0	POST	E	LOG	TI	WLT	SWL	9795	9795	27	4000	RIH W/SLB RUN#2 CCL/CORROSION LOGGING TOOLS T/4000' ODF. - MONITOR WELL WITH T/T
1430 - 1515	0.75	0	POST	E	LOG	LOG	WLT	SWL	9795	9795	4000	3550	PEFORM REPEAT PASS PER SLB FOR RE-LOG F/4000' ODF T/3900' ODF AND RE-LOG F/3650' ODF T/3550' ODF.
1515 - 1615	1	0	POST	E	LOG	TO	WLT	SWL	9795	9795	3550	0	POH W/SLB RUN#2 CCL/CORROSION LOGGING TOOLS F/3550' ODF T/SURFACE.
1615 - 1715	1	0	POST	E	LOG	OTH	NA	SWL	9795	9795			PROCESS LOG AND SEND TO TOWN, CONFIRM QUALITY DATA. - MONITOR WELL WITH T/T
1715 - 1730	0.25	0	POST	E	LOG	PJSM	NA	RIG	9795	9795			PJSM ON L/D SLB RUN#2 AND R/D SLB WL EQUIPMENT.
1730 - 1830	1	0	POST	E	LOG	RD	WLT	SWL	9795	9795			L/D SLB WL RUN#2 AND R/D W/L EQUIPMENT. - MOINTOR WELL WITH T/T
1830 - 1845	0.25	0	POST	E	LOG	PJSM	NA	RIG	9795	9795			PJSM ON N/D SHOOTING NIPPLE AND RISER.
1845 - 2130	2.75	0	POST	E	LOG	ND	SNIP	RIG	9795	9795			N/D 9-5/8" SHOOTING NIPPLE AND 13-5/8" 10K RISER. - MOINTOR WELL WITH TT
2130 - 2145	0.25	0	POST	N	BOP	PJSM	BOP	RIG	9795	9795			PJSM ON N/U BELL NIPPLE AND BIG BORE DIVERTER.
2145 - 0000	2.25	0	POST	N	BOP	NU	DVRT	RIG	9795	9795			N/U BELL NIPPLE, AND OVERSHOT WITH BIG BORE DIVERTER. - MOINTOR WELL WITH T/T
0000 - 0030	0.5	0	POST	N	DCOM	PJSM	NA	RIG	9795	9795			HOLD SAFETY HANDOVER MTG: DISCUSSED CURRENT OPS, SWA, USING HFT, PROPER HAND/BODY PLACEMENT, LOF, WORKING AT HEIGHTS AND RED ZONE MANAGEMENT.
0030 - 0045	0.25	0	POST	N	WH	PJSM	NA	RIG	9795	9795			PJSM ON P/U HLB 9-5/8" RBP AND OVERSHOT.
0045 - 0130	0.75	0	POST	N	WH	OTH	NA	RIG	9795	9795			P/U HLB 9-5/8" RBP, OVERSHOT AND BIT SUB WITH FLOAT.
0130 - 0459	3.5	0	POST	N	WH	OTH	NA	RIG	9795	9795			RIH F/23' T/3240' WITH 9-5/8" RBP ON 5-1/2" DP AT CONTROLLED SPEED. - MONITOR WELL ON TRIP TANK.

Workover Objectives

Foreman Remarks

WELL WORKOVER OBJECTIVE: KILL, DECOMPLETE THE WELL, WH ELEVATION CHANGE, RE-COMPLETE WITH ESP COMPLETION & FLOW BACK.
==========
CURRENT LOCATION DATA:
** PLATFORM: ZULF 228/233, 308/309

LIMITED MORNING REPORT

Username: YUAYANAL
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ZULF-233 WORKOVER-1 BI-60

01/12/2026 - 05/03/2026

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** RIG POSITION : LAT. 28 DEG 24.19 N, LONG : 049 DEG 09.61 E. & RIG HEADING 330 DEG.
** LEG PENETRATIONS: BOW 10.5 FT, PORT 9.51 FT, STBD 7.87 FT.
** WATER DEPTH: 118 FT
** AIR GAP: 58.76 FT
** ODF TO MSL (WATER LINE) : 95 FT
** ODF CORRECTION : - 27.6 FT
** RKB TO PF MAIN DECK : 71.2 FT
** RKB TO MSL : 122.6 FT
** RKB TO MUD LINE (SEABED) : 240.11 FT
==========
HSE:
* HELD SUPV MORNIING MEETING AND 2 PRE-TOUR MEETINGS.
* REVIEW HSE ALERTS: 05-26 & 04-26
* TOTAL REPORTED NM: 39 YTD
* FIRE & ABANDON DRILL ON 01/26/2026
* DRILLS: 2 X SWA, 2 X LOF
* ONGOING CAMPAIGN: HAND AND FINGER INJURIES, SCAFFOLD SAFETY, HFT, JSA REVIEW & UPDATING.
========== LC-50 SAMPLES ==========
* LC-50 SAMPLE ZULF-228/233, 308/309 PF: SENT 11/08/2025 ON RAWABI-11R, MN#2400783587
==========
PLATFORM WO SEQUENCE :
** ZULF-230 : SUSPENDED FOR FLOWBACK
** ZULF-231 : SUSPENDED FOR FLOWBACK
** ZULF-229 : SUSPENDED FOR FLOWBACK
** ZULF-228 : SUSPENDED FOR FLOWBACK
** ZULF-233 : DECOMPLETE, WH ELEVATION CHANGE, RUN ESP (CURRENT)
** ZULF-308 : DECOMPLETE, WH ELEVATION CHANGE, RUN ESP
** ZULF-309 : DECOMPLETE, WH ELEVATION CHANGE, RUN ESP
** ZULF-232 : DECOMPLETE, WH ELEVATION CHANGE, SIDETRACK, RUN ESP
==========
* ARAMCO MATERIAL EXPEDITOR KHALED ALSOHIMI # 820787 ONBOARD SINCE 01/15/2025
* ARAMCO MATERIAL EXPEDITOR AYED ALFARAJ # 8599084 DEPARTED RIG SINCE 1/20/2025
* ARAMCO HSE ADVISOR MOHAMMED SOLIMAN #8596605 ONBOARD SINCE 01/27/2025
==========
* ADES OPS MANAGER AHMED LOTFY LAST VISITED RIG ON 10/12/2025
* ADES RIG MANAGER MAHMOUD YOUSSEF LAST VISITED RIG ON 01/22/2026
* ADES RIG MANAGER ALI REFAI LAST VISITED RIG ON 11/11/2025
* ADES QHSE MANAGER KARIM YOUSSEF LAST VISIT RIG ON 06/18/2025
* ADES ASSISTANT RIG MGR HAMZA ELASSIR VISITED RIG ON 12/28/2025
==========
SUSPENSION KIT ONBOARD :
** 9-5/8" EZSV.
** 7" EZSV.
==========
NEXT LOCATION: PF ZULF-421/429
* PLATFORM DEBRIS SURVEY: CRM-SR 8000653650 SUBMITED 01/18/2026

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9.1	90,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	4	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9	90,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	4	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	TOURLY	27-31 NNW	6-8 FT	SEASONAL	737	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	BAL	HCB	NRC	LIG	RIG	EMC	WJS	TOT	ARM	HCM	GD1	BC	HTD	IWS	ARM	NWT	WWB	CAM	DEL	GEP	
Category	ALS	BRCR	CSR	CTRG	RIG	DFMS	JST	LHES	OTHR	PCS	SLS	SSSV	WHSS	WHSS	WSC	WTSE	WBCS	WHES	WHES	WHES	
No. of Persons	6	1	4	14	49	1	0	2	1	3	3	1	3	5	2	4	1	1	1	1	Total 108
Personnel on Loc. Hrs.	24	24	24	24	24	24	0	24	24	24	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	0	0	0	0	24	12	0	0	0	24	0	0	0	0	24	0	0	0	0	0	

LIMITED MORNING REPORT

ZULF-233 WORKOVER-1 BI-60

01/12/2026 - 05/03/2026

	Company	SWL
	Category	WLS
	No. of Persons	5
	Personnel on Loc. Hrs.	24
	Operating Hours.	24

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARAMA

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2056	1650	1678	4000	0	1755

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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MRJN-175 WORKOVER-1 BI-60

01/23/2026 - 10/04/2026

ADM-690 @ MRJN-175 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily OffShore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig ADM-690 Well MRJN-175 Wellbores: (0) MRJN_175_0	Charge #: (72-25073-0175) Wellbores: (0) MRJN_175_0	Objective : (E | INITIAL GAS LIFT /MANDREL/VALVE EQUIPMENT INSTALLATION)	Foreman(s) ELSAQA, MAHMOUD IBRAHIEM / HEGZAI, MOHAMED SAAD Engineer AHMAD, TAUSIF / ALJAAFARI, NURA MESHARI Manager ALRUWAILI, MOHAMMED NAZAL

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12633	013-673932 9	013-673732 1

CONTRACTOR /CLERK VSA T: 013-673572 6

Last 24 hr operations	Next 24 hr plan
CONT. PREPARE FOR RIG MOVE FROM MRJN 440/449 PF TO MRJN 162/169 PF.	COMPLETE SKIDDING OPERATION , JACK HULL DOWN & PREPARE FOR RIG MOVE FROM MRJN 440/449 PF TO MRJN 162/169 PF.

Location	Next Location
MRJN 162/169, 174/175 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,310							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11310	0 (@)		0	235	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0500 - 0459	24	0	PRE	N	RM	OTH	NA	ARM	11310	11310			PREPARE TO MOVE FROM MRJN 440/449 PF TO MRJN 162/169, 174/175 PF. * WAIT ON FIELD SERVICES TO HANDOVER MRJN 440/449 PF THEN COMPLETE SKIDING OPERATION. * RIG MOVE RE-SCHEDULED BY RIG MOVE MASTER TO WEDNESDAY, JANUARY 28TH DUE TO ROUGH WEATHER. * AFTER MID-NIHGT COMPLETE HANDOVER PLATFORM MRJN-440/449 BY FIELD SERVICES. * RIG MOVE MASTER ARRIVED ON BOARD.

Workover Objectives

Foreman Remarks

MRJN-175 WORKOVER OBJETIVE: COMPLETE THE WELL WITH GAS LIFT.
==========
* CONDUCTED H2S & ABANDON SHIP DRILL ON 1/26/26.
* CONDUCTED FIRE DRILL ON 1/11/26.
* CONDUCT DEAD SHIP DRILL ON 23/8/25
* CONDUCT SECONDARY EMERGENCY DRILL ON 10/12/25.
* CONDUCT LIFEBOAT AND MAN OVERBOARD DRILL ON 12/24/25.
* HELICOPTER CRASH AND FIRE DRILL ON 4/20/25.
* CONDUCT H2S RESCUE ON 12/28/25.
* CONDUCT MAN DOWN INJURY DRILL ON 1/6/26.
* CONDUCTED OIL-SPILL DRILL ON 1/16/26.
* CONDUCTED RESQUE DRILL 5/29/25.
* CONDUCTED CONFINED SPACE 12/31/25.
* CONDUCTED RADIATION DRILL AT 3/8/25.
==========
RIG POSITION: MRJN-440/449 PF.
* LONGITUDE: 049 DEG 40.77' E
* LATITUDE: 28 DEG 29.88' N
* RIG HEADING: 330 DEG
* WATER DEPTH: 160.76 FT.
* AIR GAP: 54.5'
* FINAL LEG PENETRATION: BOW: 7.38 FT, STBD: 10.1 FT & PORT: 9.28 FT.
* RKB-THS : 84.33 FT.
* NO ANCHORAGE RESTRICTION ON CURRENT LOCATION.
==========
PERSONNEL ON LOCATION :
* ARAMCO MATERIAL EXPED. FAHAD M ALKHALDI ID #8499685 ONBOARD SINCE 17 JAN 2026.
* ARAMCO ASSESSOR WESAM F ALAHMADI #791397 ONBOARD SINCE 26 JAN 2026
==========
CONTRACTOR MANAGEMENT VISITS:
* ADES RIG MGR KARIM ATEF ARRIVED RIG ON 12/09/25 & DEPARTED RIG ON 12/10/25.
* ADES RIG MGR KARIM ATEF ARRIVED RIG ON 1/12/26. & DEPARTED RIG ON 1/13/26.
* ADES HSE MGR MCCLUSKEY ARRIVED RIG ON 12/27/25 & DEPARTED RIG ON 12/28/25.
========== = = = = = == = == ==========
NEXT LOCATION : MRJN-162/169, 174/175:
* OML INTERVENTION BARGE WAS IN MRJN-162/169, 174/175 LOCATION DUE TO TECHNICAL ISSUE IN JACKING SYSTEM SINCE 19-SEP-2025 & DEPARTED ON 10-NOV-2025.
* PLATFORM DEBRIS SURVEY REQUEST CRM# 8800024679 RECEIVED ON, 17-SEP-2025.
* BOREHOLE DATA & SBS HANDED TO ADES ON 18-SEP-2025.
* DEPRESSURIZATION EMAIL SEND TO MRJN FIELD SERVICE ON 2-SEP-2025.
* RM-2025-4013139 ISSUED ON 8-SEP-2025.
* DEBRIS REMOVAL REQUEST # DP-2025-19271 SUBMITTED OM 17-SEPT-2025, UNABLE TO PERFROM BECAUSE OML INTERVENTION BARGE WAS ON LOCATION DUE TO TECHNICAL ISSUE IN JACKING SYSTEM SINCE 19-SEP-2025 TO 10-NOV-2025, RECEIVED ON 15-NOV-2025 & FORWARDED TO RMM & RIG.
* MRJN 162-169, 174-175 PLATFORM 1ST VISIT CONDUCTED ON 19-SEPT-2025, MRJN-174 CCA#1 =40 PSI.
* MRJN 162-169, 174-175 PLATFORM 2ND VISIT CONDUCTED ON 23-JAN-2026, MOST OF WELLS ARE NOT DEPRESSURIZED IN TBG SIDE.
* EXPECTED RIG MOVE DATE 1/28/2026.

DAILY SURVEY

LIMITED MORNING REPORT

MRJN-175 WORKOVER-1 BI-60

01/23/2026 - 10/04/2026

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MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	9-11 KNTS NW	3-4 FT	SEASONAL	921	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	EMC	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	WSC	
No. of Persons	14	74	1	1	2	Total 92
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	0	0	0	24	

TRUCKS/BOATS

Standby/Tankers
RAWABI-209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
560	1364	1554	1844	0	3289

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

SFNY-4210 WORKOVER-1 BI-60

04/19/2025 - 02/01/2026

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ADM-692 @ SFNY-4210 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-692
Well: SFNY-4210
Wellbores: (0-2) SFNY_4210_2

Charge #: (72-25013-4210)
Wellbores: (0-2) SFNY_4210_2

Objective : (V | CHANGE WELL STATUS: WORKOVER REQUIRED TO CONVERT FROM ONE TYPE TO DIFFERENT TYPE (EXAM: PROD TO OBS))

Foreman(s): RAHIL, KHALED / CHAYTOR, ANTHONY PAUL
Engineer: ADEKUNLE, KADRI LUKMAN / ALSHEHRI, BASIM HASSAN
Manager: HAWSAWI, ABDULLAH OMAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14218	678 3528	678 9829

CONTRACTOR /CLERK VSA T: 678 5527

Last 24 hr operations: CONTINUE RIH W/ SLB 3.5" X 4.5" PDHMS COMPLETION.

Next 24 hr plan: CONTINUE RIH W/ SLB 3.5" X 4.5" PDHMS COMPLETION.

Location: ZULF-721/729, SFNY-4210 PF

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,022	9 5/8	5470	4755	7	5,180	9,019	6,375

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9022	46.2 (01/15/2026@0300)	100	0	251	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1030	5.5	0-2	EOW	C	COMP	HT	PDHMS	SCP	9022	9022			CONT. TO TERMINATE CABLE BELOW SLB PDHMS#10. CUT SLB PDHMS CABLE, TERMINATE CABLE ABOVE SLB PDHMS#10. CUT, FEED PDC#2 FROM THE TOP OF 7" PKR#5. * PT ALL CONNECTIONS TO 10,000PSI. GOOD TEST.
1030 - 1045	0.25	0-2	EOW	C	COMP	HT	TBG	RIG	9022	9022			TEST CROWN-O MATIC AND ANTI COLLISION SYSTEM.
1045 - 1100	0.25	0-2	EOW	C	COMP	PJSM	TBG	RIG	9022	9022			HELD PJSM ON RIH 3-1/2" EUE TBG.
1100 - 1200	1	0-2	EOW	C	COMP	RPCS	SMCOM	RIG	9022	9022	1214	1615	RIH 3-1/2" EUE TUB AS PER TALLY F/1214' T/1615'. MONITOR WELL ON TRIP TANK.
1200 - 1215	0.25	0-2	EOW	C	COMP	PJSM	TBG	RIG	9022	9022			HELD PJSM WITH ONCOMING CREW. DISCUSSED HAZARDS ASSOCIATED WITH RUNNING COMPLETIONS, RED ZONES, HSE ALERTS, SWA, LOF & HFTS.
1215 - 1230	0.25	0-2	EOW	C	COMP	HT	TBG	RIG	9022	9022			TEST CROWN-O MATIC AND ANTI COLLISION SYSTEM.
1230 - 1315	0.75	0-2	EOW	C	COMP	RPCS	SMCOM	RIG	9022	9022	1615	1800	CONT. RIH 3-1/2" EUE TUB AS PER TALLY F/1214' T/1615'. MONITOR WELL ON TRIP TANK.CONT.
1315 - 1330	0.25	0-2	EOW	C	COMP	PJSM	TBG	RIG	9022	9022			HELD PJSM FOR RIG UP S/LINE EQPT.
1330 - 1430	1	0-2	EOW	C	COMP	DTU	DRFT	NSL	9022	9022			RIG UP S/LINE. DRIFT TO 616 FT W/2.867" & RD S/L.
1430 - 1630	2	0-2	EOW	C	COMP	HT	PDHMS	SCP	9022	9022	1800	1871	RIH W/ SLB 3.5" X 4.5" PDHMS COMPLETION, AS PER TALLY TO 1871 FT. * P/U ASSEMBLY#24 (3.5" HALL SSD #6)+ ASSEMBLY #25 (SLB PDHMS#11) 1 X 3.5" 9.3# J-55 EUE TBG JT.
1630 - 1700	0.5	0-2	EOW	C	COMP	DTU	DRFT	NSL	9022	9022			RIG UP S/LINE. DRIFT TO 61FT W/2.867". TAG SSD #6. RD S/L.
1700 - 2215	5.25	0-2	EOW	C	COMP	HT	PDHMS	SCP	9022	9022			TERMINATE CABLE BELOW SLB PDHMS#11. CUT SLB PDHMS CABLE, TERMINATE CABLE ABOVE SLB PDHMS#11. * PT ALL CONNECTIONS TO 10,000PSI. GOOD TEST.
2215 - 2245	0.5	0-2	EOW	C	COMP	HT	PDHMS	SCP	9022	9022	1871	1926	RIH W/ SLB 3.5" X 4.5" PDHMS COMPLETION, AS PER TALLY TO 1926 FT. * P/U ASSEMBLY #26 (SLB PDHMS#12) 1 X 3.5" 9.3# J-55 EUE TBG JT.
2245 - 2315	0.5	0-2	EOW	C	COMP	DTU	DRFT	NSL	9022	9022			RIG UP S/LINE. DRIFT TO 80FT W/2.867". RD S/L.
2315 - 0000	0.75	0-2	EOW	C	COMP	HT	PDHMS	SCP	9022	9022			TERMINATE CABLE BELOW SLB PDHMS#12. CUT SLB PDHMS CABLE, TERMINATE CABLE ABOVE SLB PDHMS#12. * PT ALL CONNECTIONS TO 10,000PSI. GOOD TEST.
0000 - 0015	0.25	0-2	EOW	C	COMP	PJSM	TBG	RIG	9022	9022			HELD PJSM WITH ONCOMING CREW. DISCUSSED HAZARDS ASSOCIATED WITH RUNNING COMPLETIONS, RED ZONES, HSE ALERTS, SWA, LOF & HFTS.
0015 - 0459	4.75	0-2	EOW	C	COMP	HT	PDHMS	SCP	9022	9022			CONT. TERMINATE CABLE BELOW SLB PDHMS#12. CUT SLB PDHMS CABLE, TERMINATE CABLE ABOVE SLB PDHMS#12. * PT ALL CONNECTIONS TO 10,000PSI. GOOD TEST.

Workover Objectives

Foreman Remarks

COMPLETION OPERATION OF SFNY-4210 OBSERVATION WELL INTO WARA, SFNY & KHFJ RESERVOIRS WITH MULTI-LAYER PDHMS FOR REAL-TIME PRESSURE SURVEILLANCE.

==========LOCATION==========
WATER DEPTH: 103 FT
RKB TO MUDLINE: 223 FT

LIMITED MORNING REPORT

SFNY-4210 WORKOVER-1 BI-60

04/19/2025 - 02/01/2026

RKB TO MSL ADM-692: 120 FT
RKB TO MSL PN-7 ODF: 114.3 FT.
ODF CORRECTION: +5.7 FT.

==========SFNY-4210 WELL DESIGN==========
30" CONDUCTOR AT 445' ODF.
18 5/8" CASING DEPTH: 1501' MD ODF.
13-3/8" CASING DEPTH: 1656' MD, KOP ODF.
9-5/8" CASING DEPTH: 5470' MD ODF.
7" LINER DEPTH: 9019' MD, TOL @5180' MD ODF.
==========HSE==========
FIRE DRILL: 01-08-2026
ABANDON DRILL: 01-21-2026
H2S DRILL: 01-21-2026
MAN DOWN RESCUE DRILL: 01-21-2026.
MAN OVERBOARD DRILL: 10-17-2025.
RESCUE AT HIGHT DRILL:12-5-2025.
LIFE BOAT DRILL: 10-17-2025.
CONFINED SPACE RESCUE DRILL: 01-07-2026.
HELICOPTER CRASH DRILL: 01-07-2026.
VERTICAL RESCUE DRILL: 12-13-2025.
OTHER DRILLS: 2 X SWA, 1 X LOF.
WEEKLY SAFETY MEETING: 01-22-2026.
SECONDRY DRILL: 09-06-2025.

DISCUSSED SAFETY ALERTS: WEEK # 5

HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED.
HSE ALERT 09-26 TRUCK ROLLOVER.
HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

ODD-1 CAMPAIGNS: HAND-FREE TOOLS, D&WOO HAND AND FINGER SAFETY CAMPAIGN.
ADES INHOUSE WEEKLY CAMPAIGN: DROP OBJECTS CAMPAIGN, WORK AT HIGHT, FORKLIFT CAMPAIGN, FINGER SAFETY.

==========PERSONNEL==========
* ARAMCO MATERIAL EXPEDITOR ALSHAIKHI, ABDULMAJEED A ID#8514574 ARRIVED TO THE RIG ON 20-JAN-2026.
* ARAMCO HSE ADVISOR ABDRAKHMANOV, YERZHAN ID#8636305 ARRIVED ON 20-JAN-2026 LEFT RIG ON 1/26/2026.
* ARAMCO DE MAQSOOD RAFIQUE, ID#896825 ARRIVED TO THE RIG ON 23-JAN-2026.

==========CONTRACTOR MANAGEMENT VISIT==========
* RIG MANAGER TAREK METWALLY (ID # 8042807) ON BORD FROM 12/23/2025 AND DEPARTED ON 01/02/2026
* RIG QHSE MANAGER KARIM M AHMED (ID # 8218376) ON BOARD ON 12/1/2025 AND LESFT ON 12/2/2025.

==========RENTAL TOOLS==========
* 1 X INTERWELL 9-5/8" BI-DIRECTIONAL RBP (INSTALLED AS WC BARRIER IN SFNY-4210 SINCE 12/23/2025).
* 6-3/4" OILSERV HMJ RECEIVED ON 12/21/2025 BACKLOADED ON 1/26/2026.
* 4-3/4" OILSERV HMJ RECEIVED ON 1/17/2025 BACKLOADED ON 1/26/2026.

==========LC-50 SAMPLES==========
* LC 50 WBM SAMPLE MANIFEST # 2400754413 SENT ON 05/29/2025 ON TROUNSON TIDE VESSEL.
* LC 50 OBM SAMPLE MANIFEST # 2400768666 SENT ON 08/16/2025 ON JANA-21 VESSEL.
* LC 50 OBM SAMPLE MANIFEST #2400781781 SENT ON 10/29/2025 ON RJ-COCCO VESSEL.

==========PLATFORM ZULF-721/729 WELL SEQUENCE==========
* SFNY-4210 WORKOVER TO TIE BACK, SUSPEND FOR COMPLETION (DONE).
* BATCH DRILLING 22" HOLE SECTION ZULF-723 (DONE), ZULF-729 (DONE), ZULF-728 (DONE), ZULF-726 (DONE), ZULF-724 (DONE), ZULF-722 (DONE).
* BATCH DRILLING 16" HOLE SECTION ZULF-722 (DONE), ZULF-724 (DONE), ZULF-726 (DONE), ZULF-728 (DONE), ZULF-729 (DONE), ZULF-723 (DONE).
* BATCH DRILLING 12 1/4" HOLE SECTION ZULF-722 (DONE), ZULF-724 (DONE), ZULF-723 (DONE), ZULF-729 (DONE), ZULF-728 (DONE).
* BATCH DRILLING 8 1/2" HOLE SECTION ZULF-722 (PERFORM P&A) , ZULF-723 & EOW FOR ZULF-723 AND TEMP SUSPENSION.
* SFNY-4210 WO & COMPLETION (TEMP SUSPENSION FOR RM).
* RIG MAINTENANCE (DONE).
* ZULF-723 EOW (DONE), SFNY-4210 EOW (ONGOING).
* BATCH DRILLING 8 1/2" HOLE SECTION & EOW ZULF-724, ZULF-729, ZULF-728, ZULF-722 L-1.
* ZULF-726 DRILLING 12-1/4" HOLE SECTION, 8-1/2" HOLE SECTION & EOW.
* FLOWBACK OPERATION ON ZULF-721/729-SFNY-4210 PF.

==========
** WAITING ON WEATHER TODAY: 0 HRS / CUMULATIVE = 4 HRS
** WAITING ON PRODUCING TODAY: 0 HRS / CUMULATIVE = 0 HRS
** WAITING ON MARINE TODAY 0 HRS: / CUMULATIVE = 0 HRS
** WAITING ON TOOL HOUSE TODAY: 0 HRS / CUMULATIVE = 0 HRS

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	N/A	N/AAPI	0	0 Volts	0	10.2	236,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	N/AHTHP	10	N/A	0	N/A /	CACL	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
29	N/A	N/A	90	/	0	0	0
Weight	**Cake HTHP**	**Filtrate(WL)**	**Oil Vol. %**	**Elec. Stability**	**% LGS**	**PH**	**CL PPM**
80 PCF	N/A	N/AAPI	0	0 Volts	0	10.2	236,000

LIMITED MORNING REPORT

SFNY-4210 WORKOVER-1 BI-60

04/19/2025 - 02/01/2026

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FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	N/AHTHP	10	N/A	0	N/A /	CACL	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
28	N/A	N/A	90	/	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	TRIP DRIL	7-8 KTS SSE	1-3 FT	SEASONAL	809	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SWL	FME	HCB	OMW	RWC	NRC	OTH	SCP	RIG	OES	ARM	BCM	NSL	BC	ARM
Category	WLS	WHES	BRCR	BRCR	WTSE	CSR	CTRG	ICE	RIG	DFMS	OTHR	PCS	SLS	SSSV	WSC
No. of Persons	3	1	1	1	2	6	15	7	51	1	3	2	3	1	2
Personnel on Loc. Hrs.	24	20	20	20	20	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	0	0	24	0	24	24	12	12	24	6	24	24

Total
99

TRUCKS/BOATS

Standby/Tankers
topaz karama

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2459	1853	1975	6964	N/A	4783

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

MRJN-792 WORKOVER-1 BI-60

11/11/2025 - 02/04/2026

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ADM-693 @ MRJN-792 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-693
Well: MRJN-792
Wellbores: (0) MRJN_792_0

Charge #: (72-25073-0792)
Wellbores: (0) MRJN_792_0

Objective : (Z | MISCELLANEOUS: ALL OTHER WORK NOT COVERED BY OTHER WORKOVER TYPE CODES)

Foreman(s) AMER, AHMED ABDELMONAM / SHEHA, HASSAN ADEL
Engineer MUHAIDIB, OMAR SAUD / BOKHARI, MOHAMMED MAHMOOD
Manager ABBAS, MUHAMMAD NASSER

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14261	0136788914	0136788917

CONTRACTOR /CLERK VSA T: 0136788915

Last 24 hr operations: CHANGED OUT BOP ANNULAR ELEMENT, M/U BOP TEST ASSY, SET TEST PLUG.

Next 24 hr plan: P/T BOPE, DE-FREEZE ICE PLUG.

Location: MRJN-790/799 PF: 8.04 KM SE MRJN GOSP-2

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,146	9 5/8	9288	8050	7	8,979	12,256	7,960

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16146	78.5 (11/10/2025@1515)	100	0	227	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0030	19.5	0	EOW	N	BOP	OTH	BOP	RIG	16146	16146			JF	964024	CHANGED BOP ANNULAR ELEMENT AS PER OEM PROCEDURE. -BLIND/SHEAR RAM IN CLOSED POSITION. HELD SAFETY STAND-DOWN & PRE-TOUR MEETING. DISCUSSED HAZARDS & MITIGATIONS FOR UPCOMING OPERATIONS, WORKING AT HEIGHT, SWA, LOF, AND SCAFFOLDING SAFETY, AND HSE ALERT 08-26-ROUSTABOUT ANKLE TWISTED.
0030 - 0130	1	0	EOW	N	WBCO	PJSM	STRG	RIG	16146	16146			JF	964024	PJSM WITH CREW INVOLVED IN M/U BOP TEST ASSY. DISCUSS POCEDURE. DISCUSS RELATED RISKS AND MITIGATION MEASURES. DISTRIBUTE RULES AND RESPONSIBILITIES.
0130 - 0459	3.5	0	EOW	N	BOP	BOPT	BOP	RIG	16146	16146			JF	964024	M/U CIW TEST PLUG ASSY & SET SAME. M/U PUMP-IN SUB. CONNECT TEST PUMP. FUNCTION TEST ANNULAR BOP. HAL BOOTS & COOTS CONT'D MAINTAINING FREEZE PLUG (AS A BARRIER). -05:00 HRS TEMPERATURE SENSOR READINGS: -UPPER COIL: (INLET= -167 F & OUTLET= -95 F) -LOWER COIL: (INLET= -168 F & OUTLET= -100 F) NITROGEN INVENTORY ON RIG: 6 TANKS (8,217 GAL) ON RIG: 0 EMPTY TANKS TOTAL NITROGEN AT LOCATION: 19,617 GAL (11,400 GAL ON BOAT & 8,217 ON RIG). CONSUMPTION: DAILY/TOTAL 2532/17,310 GAL (EXCLUDES EVAPORATION LOSS).

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
09 Dec 0500	24	1191.75	964024		JF	HERR	MPMP	RIG	68	13-3/8" & 9 5/8" CASING COLLAPSED BELOW WELL HEAD.

Workover Objectives

Foreman Remarks

OBJECTIVE: KILL & DE-COMPLETION WELL, PERFORM MAJOR WH ELEVATION WORK, AND COMPLETE WELL.
==========WELL SEQUENCE==========
** MRJN-797 (DL) : STIMULATION & FLOWBACK NO WH WORK (COMPLETED).
** MRJN-796 (SL) : MAJOR WH WORK & FLOWBACK (COMPLETED).
** MRJN-793 (DL) : MAJOR WH WORK & FLOWBACK (COMPLETED).
** MRJN-795 (SL) : MAJOR WH WORK & FLOWBACK (COMPLETED).
** MRJN-799 (SL) : MAJOR WH WORK & FLOWBACK (COMPLETED).
** MRJN-791 : MAJOR WH ELEVATION (COMPLETED & SUSPENDED FOR FLOWBACK).
** MRJN-792 : MAJOR WH ELEVATION (CURRENT WELL).
** MRJN-794 : MAJOR WH ELEVATION.
==========RIG POSITION & DATA==========
* LATITUDE 28 DEG 18.83' NORTH, LONGITUDE 049 DEG 40.73' EAST
* RIG HEADING= 330 DEG
* AIR GAP= 44'
* WATER DEPTH= 160'
* RKB TO MSL = 108' (ODF : 110.77 FT)
* RKB TO ML=268'
* ALL MR DEPTHS ARE ODF.
* NEAREST GOSP:- 4 MILES
========== HSE ==========

LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

MRJN-792 WORKOVER-1 BI-60

11/11/2025 - 02/04/2026

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* SHARED HSE ALERT : 08-26, 09-26 & 10-26
* OPERATIONAL ALERT : 11-25 (INCORRECT PRESSURE TEST LINE UP RESULT IN CASING COLLAPSE).
* REPORTED NEARMISS ON JAN-26-2025. SLS ID #10908333.
========== DRILLS ==========
* CONDUCTED FIRE, H2S & ABANDON DRILL ON JAN-18-2026.
* CONDUCTED H2S & ABANDON DRILL ON JAN-10-2025.
* CONDUCTED FIRE & ABANDON DRILL ON JAN-02-2026.
* CONDUCTED H2S & ABANDON DRILL ON DEC-26-2025.
* CONDUCTED H2S & ABANDON DRILL ON DEC-11-2025.
* CONDUCTED H2S RESCUE & ABANDON DRILL ON DEC-05-2025.
* CONDUCTED FIRE & ABANDON DRILL ON DEC-04-2025.
* CONDUCTED SPILL DRILL ON NOV-09-2025.
* CONDUCTED FIRE, SEARCH, RESCUE & ABANDON DRILL ON 08-NOV.-2025.
* CONDUCTED MAN DOWN DRILL ON RIG FLOOR ON 07-NOV.-25.
* CONDUCTED H2S RESCUE & ABANDON DRILL ON NOV-6-2025.
* CONDUCTED H2S RESCUE & ABANDON DRILL ON OCT-16-2025.* SPILL DRILL ON MAY-31-2025.
* CONFINED SPACE DRILL AUGUST-09-2025.
* ANNUAL SECONDARY DISASTER DRILL ON APRIL-26-2025.
========== LC-50 SAMPLES ==========
* 75 PCF CACL2 BRINE LC-50 SAMPLE SENT ON CASPIAN SERVER BY MNF#2400726193 ON JAN-18-2025.
========== PERSONNEL ONBOARD==========
* ARAMCO MATERIALS EXPEDITOR AWADH ALYAMI (ID # 8594436) ARRIVVED ON JAN-26-2026..
* ARAMCO ODD 1 HSE ADVISOR HOUSSINE CHEBILI ID# 8637937 ONBOARD SINCE DEC-30-2025, LEFT RIG ON 27 JAN-26.
* ARAMCO CLERK JOBIN THOMAS (ID #8618642) ONBOARD SINCE OCT-23- 2025.
==========CONTRACTOR MANAGEMENT VISIT==========
* ADES OPERATIONS MANAGER EHAB MOHAMED (ID#8330667) ARRIVED ON JAN-26-2026.
* ADES RIG MANAGER AHMED MAHER (ID#8300369) ARRIVED ON JAN-26-2026.
* ADES QHSE MANAGER MOHAMED ELGAMAL (ID # 8162189) ARRIVED ON JAN-26-2026.
* ADES QHSE SUPERVISOR MOHAMED YOUSEF (ID # 8162189) ARRIVED ON JAN-26-2026.
==========RENTAL TOOL ONBOARD==========
N/A
-==========NEXT RIG MOVE DATA==========
* NEXT PF: MRJN-11/16
* EXPECTED R/M DATE: 02/14/2026
* R/M REQ: RM-2026-4014181
* PDS: COMPLETE, SUBMITTED TO ADES
* DEBRIS REMOVAL REQ: DP-2026-20053

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	0	0API	0	0 Volts	0	10.5	300,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	74	6	0	2 / 4	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
30	0	2	26	2 / 3	0	169,505	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	0	0API	0	0 Volts	0	10.5	300,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	74	6	0	2 / 4	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
30	0	2	26	2 / 3	0	169,505	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	10-12 KTS SE	0.5 FT	VISIBILITY 6 NM	748	2-STAND DOWN MEETING.

PERSONNEL AND SERVICES INFORMATION

Company	HCB	LIG	BCT	HCO	SCP	RIG	BDF	WFS	ARM	HCM	EX1	INW	SPR	HBC	IWS	ARM	MWT	SAM	CAM	SCB	
Category	BRCR	CTRG	COIL	PSSC	ICE	RIG	DFMS	WMFE	OTHR	PCS	SLS	BRCR	PRS	WCNTRL	WHSS	WSC	WTSE	WBCS	WHES	BRCR	
No. of Persons	1	14	2	1	2	59	1	1	2	2	4	1	2	4	6	2	3	1	1	1	Total 110
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	0	0	24	0	0	24	12	0	12	24	0	0	0	24	0	24	0	0	0	0	

TRUCKS/BOATS

Standby/Tankers	Others
TOPAZ KHUWAIR	rawabi-3

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
3100	895	1365	8507	N/A	4994

REPAIR ASAP

Instrumentation	Other	Reporter

LIMITED MORNING REPORT

MRJN-792 WORKOVER-1 BI-60

11/11/2025 - 02/04/2026

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LIMITED MORNING REPORT

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ABSF-11 WORKOVER-9 BI-60

01/19/2026 - 02/04/2026

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ADM-694 @ ABSF-11 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-694
Well: ABSF-11
Wellbores: (0-1) ABSF_11_1

Charge #: (72-26019-0011)
Wellbores: (0-1) ABSF_11_1

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): ABDELAZIZ, RAMY MAGDY / HASSAN, MOHAMED ADEL
Engineer: ALHAMAM, ABDULLATIF ARIF
Manager: OTAIF, HASSAN WAFI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
1677714217	0136739152	0136733489

Last 24 hr operations
CONT' RIH SLB UPR ESP COMPL. M/U WLSSV. CHECK ESP CABLE. GROUNDED. POH ESP COMPLE ON 3-1/2" EUE TBG & VISUAL CABLE CHECKING.

Next 24 hr plan
POH ESP COMPLETION ON 3-1/2" EUE TBG VISUAL ESP CABLE CHECKING, CUT & SPLICE CABLE RIH SLB UPR ESP COMPL. S/L DRIFT. M/U WLSSV & TBG HGR. SL DRIFT.

Location: ABSF-10/15-142 PLATFORM
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,586	7	7317	6170	4 1/2	6,939	8,586	6,503

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10586	9.2 (01/19/2026@0000)	80	0	83	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0700	2	0-1	EOW	C	COMP	DTU	DRFT	MSL	10584	10584					HPJSM, R/U TAQA SL & P/T TO 300/2,000 PSI. DRIFT W/ 2.867" TAG XO SUB AT 2,055 FT, POH & R/D TAQA SL. LAST CABLE INTEGRITY CHECK: P-P: 3.6 OHMS, P-G/5 MINS: 2.5 GOHMS, P-G/10 MINS: 3.6 GOHMS. MONITOR WELL ON TRIP TANK & STATIC LOSSES 60 BPH 64 PCF VIS BRINE.
0700 - 1500	8	0-1	EOW	C	COMP	RPCS	SPCOM	OCS	10584	10584	3264	6225			RIH W/ SLB ESP UPR COMPLETION ON FLUSHED/DRIFTED 3-1/2" 9.3# J-55 EUE TBG. INSTALL X-COUPLING CLAMPS ON EVERY JNT TO 3,264 FT. MONITOR WELL ON TRIP TANK & STATIC LOSSES 60 BPH 64 PCF VIS BRINE. LAST CABLE INTEGRITY CHECK: P-P: 3.5 OHMS, P-G/10 MINS: 30 GOHMS. - OFFLINE OPERATIONS: CONT' SPOT & RIG UP SGS ZERO FLARING FLOWBACK EQUIPMENT.
1500 - 1630	1.5	0-1	EOW	C	COMP	CIRC	MPMP	RIG	10584	10584					CUMULATIVE TIME TO CHECK ESP CABLE INTEGRITY EVERY 1,000 FT & FILL UP TBG WITH LOW PRESSURE HOSE. - OFFLINE OPERATIONS: SPOT & RIG UP SGS ZERO FLARING FLOWBACK EQUIPMENT.
1630 - 1830	2	0-1	EOW	C	COMP	DTU	DRFT	MSL	10584	10584					HPJSM, R/U TAQA SL & P/T TO 300/2,000 PSI. DRIFT W/ 2.867" TAG XO SUB AT 2,993 FT, POH & R/D TAQA SL. LAST CABLE INTEGRITY CHECK: P-P: 4.7 OHMS, P-G/5 MINS: 2.5 GOHMS, P-G/10 MINS: 4 GOHMS. MONITOR WELL ON TRIP TANK & STATIC LOSSES 60 BPH 64 PCF VIS BRINE.
1830 - 2000	1.5	0-1	EOW	C	COMP	HT	SSSV	HCO	10584	10584					M/U 3-1/2" HALL WLSSV W/STRING, CONNECT 1/4" CONTROL LINE, FUNCTION CHECK-OK. (OPEN AT 1,800 PSI AND OBSERVED CORRECT BLEED BACK VOLUME), P/TEST SAME TO 5,000 PSI FOR 10 MINS, GOOD TEST. APPLIED 4,000 PSI & KEPT SAME OPEN. MONITOR WELL ON TRIP TANK & STATIC LOSSES 60 BPH 64 PCF VIS BRINE. - OFFLINE OPERATIONS: SPOT & RIG UP SGS ZERO FLARING FLOWBACK EQUIPMENT. RIG UP 100% FINISHED, PENDING P-TEST.
2000 - 2100	1	0-1	EOW	C	COMP	HT	ESPL	SWA	10584	10584			TF	965600	SLB ESP CHECK ESP CABLE READING AFTER MU 3-1/2" HALL WLSSV, PHASE TO PHASE 3.4 OHMS & PHASE TO GROUND READING GROUNDED, CHECKED CABLE READING AT THREE DIFF. POINTS, ALL READINGS GROUNDED. DISCUSS WITH WOE & ALU GROUP, DECISION MADE TO POH, VISUAL CHECK ANY CABLE DAMAGE, CUT, SPLICE SAME WITH BACKUP CABLE.
2100 - 2200	1	0-1	EOW	N	DCOM	OTH	NA	HCO	10584	10584			TF	965600	HPJSM, DISCONNECT CONTROL LINE FROM HALL WLSSV ASSY & LAY DOWN SAME.
2200 - 0400	6	0-1	EOW	N	DCOM	HT	TBG	RIG	10584	10584			TF	965600	POH SLB ESP UPR COMPLETION ON 3-1/2" 9.3# J-55 EUE TBG FROM 6,245 TO 4,730 FT AT CONTROLLED SPEED. REMOVED INSTALLED X-COUPLING CLAMPS FROM EVERY JNT. MONITOR WELL ON TRIP TANK & STATIC LOSSES 60 BPH 64 PCF VIS BRINE. VISUAL CHECK ESP CABLE WHILE POH WITH NO DAMAGE NOTICED.
0400 - 0459	1	0-1	EOW	N	DCOM	HT	TBG	RIG	10584	10584			TF	965600	OBSERVE BENT ON ESP CABLE, SLB ESP CUT ROUND CABLE BELOW BEND AND CHECK READINGS, P-P 2.3 OHM, P-G: GROUNDED. CABLE STILL GROUNDED BELOW BEND.

Lost Time Details

LIMITED MORNING REPORT

Username: YUAYANAL
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ABSF-11 WORKOVER-9 BI-60

01/19/2026 - 02/04/2026

أرامكو السعودية
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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 2000	9	9	965600		TF	FOT	ESPL	SWA	6225	OBSERVE ESP PHASE TO GROUND CABLE READING GROUNDED WHILE RIH AT 6,225 FT.

Workover Objectives

Foreman Remarks

ODF TO THS= 40 FT, PRT TO TBG SPOOL= 67.7 FT, ODF CORRECTION= -27.7 FT.

-ARAMCO CLERK AHMED ALHOWAJI BN# 816258 ONBOARD SINCE 27-JAN-2026.
-ARAMCO CLERK AHMED ALOTAIBI BN# 7219575 ONBOARD SINCE 27-JAN-2026.
-ADES LIFTING COACH SHAFIQ MOHAMMAD BN# 8290444 ONBOARD RIG SINCE 09-JAN-2026.
-RIG MANAGER LAST VISIT DATE ON 01/09/2026.

-TOTAL KILLING FLUID LOST INTO HOLE DURING BH AND/OR CIRCULATION = DAILY 1,440 BBLS , TOTAL 12,800 BBLS.
-KILING FLUID WT 64 PCF NACL INHIBTED BRINE, CHLORIDE = +/- 7000 PPM.
-KILING FLUID WT 67 PCF NACL INHIBTED BRINE, CHLORIDE = +/- 10000 PPM

-DRILLS: 1X TRIP & 1X PIT.
-DISCUSS HSE ALERTS WITH CREW: 08/09/10 - 2026: ROUSTABOUT ANKLE TWISTED, TRUCK ROLLOVER, FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

SUSPENSION KIT ON BOARD
- 7" HALLIBURTON (RTTS W/ STORM VALVE , FASDRILL, EZSV, RBP) 9-5/8" HALLIBURTON (EZSV, FASDRILL)
-

-RIG POSITION: 26 DEG 57.98' N - 50 DEG 32.27' E.
-RIG HEADING: 356 DEG, WATER DEPTH 128 FT LAT, FINAL AIR GAP 42 FT.
-LEG PENETRATION: BOW= 9.2 FT, STBD= 9.4 FT , PORT= 7.6 FT.
-ANCHORAGE RESTRICTION: NO ANCHORAGE WITHIN 100 M OF PIPELINE/CABLES ON STBD SIDE.

CURRENT PLATFORM: ABSF-10/15
-TWO WELLS PLANNED TO WORKOVER ABSF-15 & ABSF-11. SCOPE OF WORK FOR BOTH WELLS ESP CHANGE-OUTS.
-WELL SEQUENCE ABSF-15 , ABSF-11 (CURRENT WELL).
-

NEXT PLATFORM: MRJN-24,68/72,300.
-EXPECTED RIG MOVE DATE 03-FEB-2025.
-PLATFORM DEPRESSURIZED AND ACCEPTED BY 27-NOV-2025.
-BOREHOLE DATA WAS SENT TO ADES ON 10/18/2025, LPA & LA RECEIVED.
-SEABED SURVEY COMPLETED ON 09/18/2025.
-DEBRIS REMOVAL WAS COMPLETED ON 10/04/2025.
-RIGMOVE REQUEST NO. RM-2026-4013957 & RM-2026-4013956 WERE DONE IN SYSTEM, RECEIVED RMM 1/18/2026.
-SEA BED SURVEY AND DEBRIS REMOVAL REPORTS SHARED WITH ADES ON 10/25/2025 FOR LA AND LPA.
-RECIEVED LA AND LPA FROM ADES SIDE ON 10/25/2025 AND SHARED WITH RIG MOVE OFFICE.
==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	0API	0	0 Volts	0	8.7	6,800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	2	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	0API	0	0 Volts	0	8.7	6,800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	2	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	TOURLY	7 KNT NNW	1 FT SWELL	CALM	765	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SWA	HCB	OCS	LIG	RIG	BDF	RIG	ARM	HCM	INW	MSL	HCO	ARM	SG2
Category	ALS	BRCR	CSR	CTRG	RIG	DFMS	OTHR	OTHR	PCS	SLS	SLS	SSSV	WSC	WTSE
No. of Persons	7	1	4	13	49	1	5	2	1	1	3	1	2	8

Total 98

Username: YUAYANAL
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Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-11 WORKOVER-9 BI-60

01/19/2026 - 02/04/2026

	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	24	0	24	0	24	12	0	12	0	24	10	10	24	24

TRUCKS/BOATS	Standby/Tankers					
	RAWABI-211					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	3103	1536	1683	2390	N/A	2888
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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ZULF-238 WORKOVER-4 BI-60

01/17/2026 - 04/04/2026

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ADM-695 @ ZULF-238 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ADM-695
Well: ZULF-238
Wellbores: (0-2) ZULF_238_2

Charge #: (71-25062-0238)
Wellbores: (0-2) ZULF_238_2

Objective : (A | SAFETY: INITIAL SSSV INSTALLATION (SUBSEQUENT WORK ON SSV IS CLASSIFIED UNDER CODE 'H'))

Foreman(s): MOUSTAFA, AHMED MOHAMED / TOUAREG, MOHAMED / ASIRI, ADEL KHALED
Engineer Manager: MONDRAGON ALFONSO, JOSE LUIS / OTAIF, HASSAN WAFI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00882-1677 714213	6734606	6739175 (R ADIO.ROOM)

CONTRACTOR /CLERK VSA T: 6739203

Last 24 hr operations: RIG MAINTENANCE TO CHANGE OUT BOPE FOR 3 YEARS CERTIFICATION, WAIT ON DAY LIGHT TO MOVE THE RIG.

Next 24 hr plan: RIG MOVE TO PLATFORM ZULF-234/239.

Location: ZULF-238

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,747	9 5/8	6435	5398	4 1/2	5,447	10,265	5,982

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10747	0 (@)		0	250	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0-2	PRE	M	MAIN	OTH	NA	RIG	10747	10747			RIG MAINTENANCE TO CHANGE OUT BOPE FOR 3 YEARS CERTIFICATION. - GENERAL HOUSEKEEPING. - RECEIVED SIGNED RIG MOVE MINUTES FROM MRJN FS ON 01/27/2026 AT 10:15 AM. - RECEIVED CONFIRMATION FROM RIG MOVE OFFICE TO PRIORITIZE RIG MOVE FOR ADM-695 AFTER COMPLETING ONGOING 4 RIG MOVES.
1700 - 0459	12	0-2	PRE	N	RM	WODL	NA	ARM	10747	10747			WAIT ON DAYLIGHT TO CONNECT VESSELS AND MOVE THE RIG OUT FROM LWHH-3/8 PF LOCATION. - RIG MOVE VESSEL RAWABI-49 ARRIVED ON LOCATION AT 00:50 AM. - RIG MOVE VESSEL SAVOY TIDE ARRIVED ON LOCATION AT 04:45 AM. - RIG MOVE VESSELS KEHOE TIDE ETA 05:30 AM WITH RIG MOVE MASTER COMING FROM RIG ARO-3004 LOCATION. - PERFORM ABONDON SHIP DRILL.

Workover Objectives

Foreman Remarks

==========NEXT PLATFORM==========
NEXT MOVE : ZULF-238 (ZULF-234/239,310/314 PF) (5 WELLS TO WO)
- 1ST WELL: ZULF-238 - SINGLE LATERAL RE-ENTRY WO
- 2ND WELL: ZULF-311 - SINGLE LATERAL RE-ENTRY WO
- 3RD WELL: ZULF-234 - FIX/REPLACE TRSSSV
- 4TH WELL: ZULF-239 - FIX/REPLACE TRSSSV
- 5TH WELL: ZULF-237 - BLANKING PLUG REPLACEMENT
- RM REQUESTS: RM-2025-4013733, 4014002
- ADES LA AND LPA: RECEIVED 01/05/2026
- PF DEPRESSURIZING: 5 PLUGS INSTALLED, DEPRESSURIZED, FOREMAN VERIFICATION PENDING
- PF DEBRIS SURVEY: COMPLETED
- DEBRIS REMOVAL: COMPLETED
==========RIG DATA==========
- RIG HEADING 345 DEG.
- RIG POSITION: LATITUDE 28 15.43 N & LONGITUDE 049 37.28 E
- AIR GAP = 42 FT , WATER DEPTH = 163.7 FT (49.9 M), RKB TO MSL = 108.77 FT
- LEG PENETRATION: BOW LEG: 7.55 FT, STBD LEG: 7.55 FT, PORT LEG: 8.53 FT
- NO ANCHORAGE RESTRICTION ON CURRENT LOCATION
==========SAFETY:=======-==========
- PERFORM SECONDARY DISASTER DRILL ON 10/06/2025
- PERFORM BLACK OUT DRILL & ABANDON SHIP DRILL ON 01/22/2026.
- PERFORM FIRE & H2S DRILL ON 01/24/2026.
- PERFORM ABONDON SHIP DRILL ON 01/27/2026.
- OPEN DISCUSSION WITH THE CREW ABOUT THE HAZARDS AND CONTROLS FOR CONFINED SPACE.
- OPEN DISCUSSION WITH CREW ON THE HAZARD & CONTROL DURING ASSEMBLING BOP.
- DISCUSS THE FOLLOWING WITH RIG CREW SAFETY ALERTS :
- DISCUSS WITH CREW REEL-SAFE 03-26 CATWALK LIFTING POINT FAILURE.
==========RENTAL TOOLS==========
- NPS / 4.75" DRLG JAR [T#8213] MN # 2101339166, SERIAL NO: HDA-475-0061 RECEIVED ON 16.DEC.2025.
==========PERSONNEL==========
- ARAMCO CLERK MUHAMMAD SIDDIQUI BN: 8619348 DEPARTED THE RIG ON 1/6/2026, AND JOINED ON 1/13/2026.
==========CONTRACTOR MANAGEMENT RIG VISIT ONBOARD==========
- ADES OPS MANAGER AHMED M ABDESALAM BN# 8317925 & RONALD STANTON BN#8669375 JOINED THE RIG ON 1/14/2026, DEPARTED ON 01/17/2025.
- ADES COUNTRY MANAGER KOLBJORN KANEBOG, OPERATION MANAGER MOSAB OSAMA, HSE DIRECTOR ELAMIR ZARAD, HSE MANAGER KHALED BOKHARI VISITED THE RIG, CARRIED OUT A TOUR & CHECK RIG CONDITION, DISCUSSED IMPROVEMENT PLAN "RIG UNDER CARE' PROGRAM ONBOARD, JOINED RIG ON 11/10/2025. DEPARTEDSAME
- ADES RIG MANAGER RONALDSTANTON BN# 8669375,JOIN RIG 12/02/2025, DEPARTED ON 12/04/2025.
- ADES -QHSE SUPERVISOR HOSSAM A SHEHATA BN# 8328262, JOINED RIG ON 10/01/2025, DEPARTED ON 10/02/2025

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-2	10,747	91.75	266	0	5,980	-827.66	-1709.18	6,230.43	0.93

Username: YUAYANAL
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LIMITED MORNING REPORT

ZULF-238 WORKOVER-4 BI-60

01/17/2026 - 04/04/2026

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MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	AS REQUIRED	12-14 KNOTS SW	2-3 FT	SAISONAL	736	AS REQUIRED

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	GDF	RIG	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	
No. of Persons	14	46	1	8	1	3	Total 73
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	0	0	12	24	

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARZAKKAN

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2120	1189	1796	4275	N/A	2719

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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SFNY-470 WORKOVER-5 BI-60

01/07/2026 - 03/15/2026

أرامكو السعودية
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ARO-2001 @ SFNY-470 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ARO-2001
Well: SFNY-470
Wellbores: (0) SFNY_470_0

Charge #: (71-24013-0470)
Wellbores: (0) SFNY_470_0

Objective : (PLUG EXISTING PERFORATIONS AND REPERFORATE NEW INTERVAL. RUN ESP COMPLETION)

Foreman(s) DUNDAS, RYAN MALCOLM / SALLAM, AHMED IBRAHIM
Engineer ALENIZI, FAYEZ RADI / TAWFIQ, YAZEED HATTAN
Manager ZAHRANI, ALI IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 601	6737394	0135106283 (OIM)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
0135106282 (RADIO RM)	6737401	

Last 24 hr operations
M/UP WLSSSV, RIH, LAND TBG HGR, DISCPLACE WELL TO INHIBITED BRINE, RETRIEVE WLSSSV, RIH WITH 4-1/2" ME PLUG, SET AT 4800'.

Next 24 hr plan
SET ESP PACKER, PT TCA, SET SHALLOW ME PLUG, N/D BOP IN SECTIONS, N/U TBG BONNET, X-MASS TREE & RETRIEVE BARRIERS.

Location: SFNY 470/475 PLATFORM
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,616	9 5/8	6715	5735				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6616	20.9 (01/07/2026@0800)	100	0	250	

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	EOW	C	COMP	DTU	DRFT	NSL	6616	6616			CONT' NESR SLICKLINE WORK: - RIH WITH 3.833" DRIFT DOWN TO 4577', POOH & R/D SLICK LINE PCE. - MEANWHILE CHECK ESP CABLE INTEGRITY: PH-PH 7.2 OHMS, PH-GR 5 MINUTES 600 M/OHMS, PH-GR 10 MINUTES 900 M/OHMS - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
0600 - 0745	1.75	0	EOW	C	COMP	HT	SSSV	HCO	6616	6616			P/UP & M/UP HALLIBURTON 4-1/2" WLSSSV ASSY. - 4-1/2" PUP JT + HALLIBURTON 4-1/2" WLSSSV, 3.813, 5K, 12.6#, NEWVAM + 4-1/2" PUP JT. - HALLIBURTON CONNECT CONTROL LINE, FUNCTION TEST AND PRESSURE TEST TO 5000 PSI, OK. - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
0745 - 0830	0.75	0	EOW	C	COMP	HT	TBG	GOC	6616	6616			CONTINUE TO RIH WITH SAWAFI BORETS ESP COMPLETION WITH 9-5/8" VIKING PACKER ON DRIFTED 4-1/2" 11.6# J-55 NEW VAM TUBING F/ 4,746' TO 4,904'. -MONITOR ALL TORQUED CONNECTIONS WITH JAM UNIT -INSTALL CABLE PROTECTOR EACH CONNECTION -CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
0830 - 0900	0.5	0	EOW	C	COMP	HT	TBG	RIG	6616	6616			P/UP & M/UP NEW 4-1/2" X 11" 3K CAMERON TUBING HANGER (SAP# 1001088303). - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
0900 - 1030	1.5	0	EOW	C	COMP	DTU	DRFT	NSL	6616	6616			HPJSM, RIG UP NESR SLICK LINE LUBRICATOR AND PCE FOR DRIFTING COMPLETION STRING, PT TO 2000 PSI, OK. - RIH WITH 3.833" DRIFT DOWN TO 170', TAG WLSSSV, POOH & R/D SLICK LINE PCE. - MEANWHILE CHECK ESP CABLE INTEGRITY: PH-PH 7.1 OHMS, PH-GR 5 MINUTES 600 M/OHMS, PH-GR 10 MINUTES 2.45 G/OHMS. - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
1030 - 1100	0.5	0	EOW	C	COMP	HT	TBG	RIG	6616	6616			P/UP & M/UP 4-1/2" LANDING JT + FOSV TO TBG HGR. - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
1100 - 1230	1.5	0	EOW	C	COMP	HT	SSSV	HCO	6616	6616			HALLIBURTON FEED WLSSSV CONTROL LINE THROUGH TBG HGR, FUNCTION TEST SAME - OK. - PT CONTROL LINE TO 6500 PSI - HOLD. - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
1230 - 1530	3	0	EOW	C	COMP	HT	ESPL	SBA	6616	6616			QCI TERMINATE ESP CABLE & FEED THROUGH TBG HGR, MEASURE CABLE & ESP SENSOR READINGS - OK. - CHECK ESP CABLE INTEGRITY: PH-PH 6.9 OHMS, PH-GR 5 MINUTES 600 M/OHMS, PH-GR 10 MINUTES 1.1 G/OHMS. - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
1530 - 1600	0.5	0	EOW	C	COMP	OTH	TBG	RIG	6616	6616			PT TBG HGR SIDE PORTS TO 2500 PSI - HOLD. - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.
1600 - 1700	1	0	EOW	C	COMP	HT	TBG	RIG	6616	6616			DRAIN BOP STACK, LAND 4-1/2" X 11" TUBING HANGER, SCREW-IN LOCKDOWN SCREWS. - NEW 4-1/2" X 11" 3K CAMERON TUBING HANGER (SAP# 1001088303). - CHECK ESP CABLE INTEGRITY AFTER LANDING TUBING HANGER: PH-PH 7.7 OHMS, PH-GR 5 MINUTES 624 M/OHMS, PH-GR 10 MINUTES 900 M/OHMS.
1700 - 1800	1	0	EOW	C	COMP	DTU	DRFT	NSL	6616	6616			HPJSM, RIG UP NESR SLICK LINE LUBRICATOR AND PCE, PT TO 4000 PSI, OK.
1800 - 2245	4.75	0	EOW	C	COMP	CIRC	MPMP	RIG	6616	6616			DISPLACE WELL TO 70 PCF INHIBITED BRINE AT 54 GPM & 280 PSI AS PER SAWAFI

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

SFNY-470 WORKOVER-5 BI-60

01/07/2026 - 03/15/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													RECOMMENDATIONS.
2245 - 2300	0.25	0	EOW	C	COMP	CIRC	MPMP	RIG	6616	6616			FLOW CHECK, WELL STATIC
2300 - 0459	6	0	EOW	C	COMP	DTU	DRFT	NSL	6616	6616			NESR SLICKLINE WORK: - RIH WITH GS PULLING TOOL DOWN TO 238' TO RETRIEVE WLSSSV INSERT FLAPPER VALVE, UNSET LOCK MANDREL THEN GOT STUCK WHILE POOH AT 18 FT (INSIDE 4-1/2" LANDING JOINT), APPLIED EXTRA TENSION AND JAR-UP, GOT FREE, CHECKED THE TOOL ON SURFACE FOUND 100 % RECOVERY (INSERT VALVE LOWER SEALS GOT HIT/DAMAGE). - RIH WITH 3.833" DRIFT, DIDN'T PASS THROUGH LANDING JT. - RIH WITH 3.82" GC, DIDN'T PASS THROUGH LANDING JT. - RIH WITH 3.72" DRIFT, PASSED SUCCESSFULLY THROUGH LANDING JOINT. - RIH WITH 4-1/2" ME PLUG (OD IS 3.45") AND SET SAME AT 4800', POOH. - RIH & SET JUNK CATCHER ON TOP OF ME PLUG AT 4800', POH - CONTINUOUSLY MONITOR WELL THROUGH TRIP TANK. WELL STATIC.

Workover Objectives

Foreman Remarks

RKB TO THS = 62.25
ODF TO THS = 36.6 FT
ODF CORRECTION = -25.7'

==========ARAMCO PERSONNEL==========
* ARAMCO CLERK MOHAMED RIHAN ARIFF #8631708 ON RIG SEPTEMBER 30, 2025.
* ARAMCO FCT ABDULAZIZ ALGHAMDI ID #791187 ARRIVED RIG ON JANUARY 13, 2026 AND LEFT RIG ON JANUARY 27.

==========OBB, NEAR MISS, HSE ALERTS AND DRILLS==========

** OBSERVATION SUBMITTED IN SLS = 37

** REVIEWED HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED
** REVIEWED HSE ALERT 09-26 TRUCK ROLLOVER
** REVIEWED HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION

** HELD WEEKLY FIRE,H2S AND ABANDON RIG DRILLS 01/25/2026
** HELD MAN DOWN DRILL WITH ROUSTABOUT CREW 01/25/2026

========== MANAGEMENT VISITS ==========
* ARO RIG MANAGER JUSTIN COLEMAN VISITED RIG JANUARY 09, 2026
* NAOFWOD OPS MANAGERS MR. ALI ZAHRANI VISITED RIG DECEMBER 2, 2025
* ARO RIG MANAGER JUSTIN COLEMAN VISITED RIG NOVEMBER 14, 2025
* NAOFWOD OPS MANAGERS MR. ALI ZAHRANI VISITED RIG OCTOBER 21, 2025
* ARO HSE SPECIALIST ALI ALMOMTEN VISITED RIG FROM OCT 31 2025
* ARO ASSISTANT RIG MANAGER ALI NASSER ALDALWI VISITED RIG OCTOBER 3, 2025

==========CURRENT PLATFORM==========
CURRENT PLATFORM: SFNY-470/475
SFNY-471 : RE-ENTRY WELL TARGETING SFNY RESERVOIR - SUSPEND FOR FLOWBACK.
CURRENT WELL WELL, SFNY-470 : DE-COMPLETE, RECORD PNL LOG AND PERFORATE NEW INTERVAL ACROSS KHFJ RESERVOIR.
NEXT WELL SFNY-474. TROUBLE SHOOT PASSING WLRSSSV

==========RIG SCHEDULE FOR NEXT WELLS==========
NEXT PLATFORM: SFNY-930/939
WELLS SFNY- 931 & 933
SFNY - 931:- RE-ENTRY
SFNY - 933:- ESP CHANGE OUT
BOREHOLE DATA SENT TO CONTRACTOR JANUARY 1, 2026 FOR LOCATION APPROVAL.
DEPRESSURIZATION E-MAIL WAS SENT ON JANUARY 6, 2026.
WELL CHARGE NUMBER SHARED ON JANUARY 25, 2026, SEABED SURVEY CRM # 8800025472 INITIATED ON JANUARY 25, 2026.
RIG MOVE REQUEST RM-2026-4014164 IS INITITAED ON JANUARY 26,2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	9.5	64,400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	90	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	0	10	0 / 0	0	36,387	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	11	64,400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	90	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
	0	0	10	0 / 0	0	36,387	0

LIMITED MORNING REPORT

SFNY-470 WORKOVER-5 BI-60

01/07/2026 - 03/15/2026

28

MUD TREATMENT

OXYGON	BCTRN	CAOH2	O-3670R
2 (55LB)	8 (5GL)	5 (55LB)	4 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/11/2026	WEEKLY	NW 19-24 KNOTS	4-6 FT	SEASONAL	586	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SBA	GOC	GOS	HCO	RIG	BDF	ARM	INW	NSL	ARM
Category	ALS	CSR	CTRG	PSSC	RIG	DFMS	OTHR	SLS	SLS	WSC
No. of Persons	7	4	12	1	47	1	1	1	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	24	0	24	24	24	12	4	20	24

Total
79

TRUCKS/BOATS

Standby/Tankers	Others	Others
RAWABI-216	ZAMIL-507	POSH OKAPI

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1625	719	1861	568	1085	2489

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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SFNY-588 WORKOVER-4 BI-60

01/07/2026 - 02/13/2026

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ARO-2003 @ SFNY-588 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ARO-2003
Well: SFNY-588
Wellbores: (0) SFNY_588_0

Charge #: (72-25013-0588)
Wellbores: (0) SFNY_588_0

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): WEDN, NOUR MOHAMED / ALDHUBAYI, FAISAL FAHAD
Engineer: ALKHALDI, ABDULLAH IBRAHIM / ALSHAHRANI, ABDULAZIZ MOHAMMED
Manager: ZAHRANI, ALI IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-88-216- 777-111-01	6737407	013-510614 2 (RR)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-510614 3 (OIM)	6737408	

Last 24 hr operations
BACKLOAD COMPL EQUIUPENT. ARRANGE DECK. OFFLOAD AND SPOT SGS WELL TEST EQUIPMENT.

Next 24 hr plan
CONT OFFLOAD AND SPOT SGS PACKAGE. R/U SGS WELL TEST FLARING PACKAGE EQUIPMENT.

Location: SFNY-588/593
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,200	7	6250	6250				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6200	20 (01/08/2026@0500)	100	0	255	

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	EOW	C	COMP	LDP	SPDP	RIG	0	0	0	0	COMPLETED L/D 120 JTS X 4" DRILL PIPES, 30 JT X 4" HWDP & 3 JT X 4-3/4" DC FROM DERRICK.
0700 - 0459	22	0	EOW	E	TEST	OTH	NA	RIG	0	0			HPJSM. BACKLOAD COMPLETION EQUIPMENT, BASKETS, CONTAINERS AND CHEMICALS TO RAWABI-62 VESSEL. - CLEAR AND ARRANGE MAIN DECK AND CANTILEVER. - OFFLOAD AND SPOT SGS WELL TEST PACKAGE ON CANTIELVER. - OFFLOAD SAWAFI BORETS VSD AND GENERATOR FROM BOAT TO CANTILEVER, SPOT AND CONNECT SAME... ON GOING AT RT.

Workover Objectives

Foreman Remarks

** PLATFORM SFNY # 588/593
** WELL SFNY-588, ESP CHANGE OUT.
** ANCHORING RESTRICTION: NO ANCHORING RESTRICTIONS.
** RIG HEADING: 336 DEG.
** WATER DEPTH: 60 FEET.
** GOR: 205 SCF/STB.
** ODF TO TUBING SPOOL DIST = 45.35 FT
** RIG FLOOR TO TBG SPL DIST =53.15 FT, CORRECTION = - 7.8 FT
==========
** CURRENT PLATFORM SFNY-588/593, TWO CANDIDATE WELLS SFNY-590 & SFNY-588. CONFIRMED ON 26 OCT 2025.
** PLATFORM IS LOCATED @ SFNY NORTH WEST FIELD.
** EMAILED SFNY NORTH WEST F/S FOR PLTF 1ST VISIT FOR MEASUREMENT CHECKS ON 26 OCT 2025.
** EMAILED SFNY NORTH WEST F/S FOR PLTF DE-PRESSURIZATION ON 26 OCT 2025.
** WELL CHARGE NUMBERS ISSUED ON 30 OCT 2025. 72-25013-0590 & 72-25013-0588.
** ISSUED RIG MOVE REQUEST RM-2025-4013550 ON 30 OCT 2025.
** ISSUED PLTF SBS REQUEST CRM-SR 8800024990 ON 31 OCT 2025.
** RECEIVED SBS REPORT ON 12 NOV 2025.
** SHARED SBS REPORT WITH RIG & RMO. CONFIRMED NO DEBRIS REMOVAL TASK REQUIRED ON 12 NOV 2025.
** SHARED SIGNED RMM WITH RMO ON 15 NOV 2025.
** SFNY NORTH WEST F.S. DE-PRESSURIZED PLATFORM & REPORTED TO NAWCOD TWO WELLS WITH TRSSSV PASSING SFNY-589 & SFNY-592 ON 15 NOV 2025.
** ATCO KHADIJA SECURED PASSING WELLS ON 23 NOV 2025.
** SENT EMAIL TO NORTH WEST F.S. FOR PLATFORM SITE VISIT ON 24 NOV 2025 TO CONFIRM DEPRESSURIZATION & RIG MOVE READINESS. VISIT CONDUCTED ON 27 NOV CONFIRMED ALL WELLS DEPRESSUIZED.
** ATCO KHADIJA DEPARTED PLATFORM & SHARED SOF ON 24 NOV 2025.
==========
** NEXT PLATFORM ZULF # 92/97,184 (6 X WELLS). CONFIRMED 08 JAN 2026. (CANCELLED ON 13 JAN 2026)
** NEXT PLATFORM ZULF # 146/151 (6 X WELLS). CONFIRMED ON 13 JAN 2026. (CANCELLED ON 15 JAN 2026)
** ALL BOREHOLE DATA FOR ZULF # 146/151 HANDED OVER TO ARO ON 14 JAN 2026.
** NOTIFY ZULF F/S FOR PLTF DE-PRESSURIZATION VIA EMAIL ON 14-JAN-2026.

** RESCHEDULED NEXT PLATFORM ZULF # 92/97,184 (5 X WELLS). CONFIRMED ON 15,JAN 2026.
** RIG MOVE REQUEST RM-2026-4014019 SUBMITTED ON 11,JAN 2026.
** SBS CRM # 8800025441 SUBMITTED ON 18,JAN 2026. SURVEY CONDUCTED ON 23RD OF JAN, 2026.
** NOTIFY ZULF F/S FOR PLTF DE-PRESSURIZATION VIA EMAIL ON 18-JAN-2026.
** DIVING REQUEST DP-2026-20123 SUBMITTED ON 27-JAN-2026. FOR DEBRI REMOVAL.
==========
* ARAMCO CLERK SIDDIQ MOHAMEED SHAJAHAN ID#: 8556028 ONBOARD SINCE JAN 13, 2026.
==========ARO MANAGEMENT VISIT==========
* RIG MANAGER ALLAN ROBINSON ID #8548104 VISITED RIG DURING 20-22 JAN 2026.
* RIG MANAGER JUSTIN COLEMAN ID #8803573 VISITED RIG DURING 12-13 JAN 2026.
* ASST RIG MANAGER ALI ALDALWI ID #9005692 VISITED RIG DURING 03-04 NOV 2025.
==========RENTALS==========
*** RECEIVD OILSERV 4-3/4" JARS DRG-004371-5 MANIFEST# 2101337856 ON DEC 11, 2025.

LIMITED MORNING REPORT

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SFNY-588 WORKOVER-4 BI-60

01/07/2026 - 02/13/2026

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*** SGS STORAGE TANK STAGED ON DEC/07/2025 AT 5:00 PM. ARRIVED RIG ARO-2003, WELL SFNY-590 & TESTED ON DEC/09/2025 AT 03:00 AM.
==========
* SUSPENSION KIT ON BOARD.
- QTY 2 X 2-7/8" INTERWELL ME PLUG.
- QTY 1 X 3-1/2" INTERWELL ME PLUG.
- QTY 1 X 2.205" PXN PLUG.
- 7" FAS'DRILL, 7" EZSV, 7" HALL RTTS PKR WITH STORM VALVE AND 7" HALL RBP.
==========
** ARO SUBMITTED 42 OBSERVATIONS IN SLS.
** DISCUSSED WITH CREW WELL CONTROL LESSON SHARING - ISSUE NO. EXT 1-26

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	07- 11 KNOTS SE	1-2 FT	13 DEG VIS 4-5 NM	1,733	PRE TOUR

PERSONNEL AND SERVICES INFORMATION

Company	SBA	INW	GOS	RIG	BDF	ARN	SPL	GOC	ARM	SG2	
Category	ALS	BRCR	CTRG	RIG	DFMS	OTHR	SLS	PRS	WSC	WTSE	
No. of Persons	3	1	12	49	1	1	3	1	2	7	Total 80
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	0	0	0	24	12	12	0	0	24	15	

TRUCKS/BOATS

Standby/Tankers
RAWABI-216

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
183	513	178	N/A	N/A	1050

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

MRJN-563 DEVELOPMENT DRILLING BI-60

04/27/2024 - 04/22/2026

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ARO-3001 @ MRJN-563 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ARO-3001
Well: MRJN-563
Wellbores: (0) MRJN_563_0

Charge #: (66-24073-0563)
Wellbores: (0) MRJN_563_0

Objective : (MRJN-563 WILL BE DRILLED AS DUAL LATERAL OIL PRODUCER IN MRJN-560/569 PLATFORM TARGETING RATAWI)

Foreman(s) SAID, AHMED MAGDY
Engineer OGUNWALE, ADEDOTUN BABATUNDE
Manager HARBI, SALEH MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821623700 034	013-378-56 71	+966-13-51 0-5842
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
013-378-56 72	013-378-56 73	

Last 24 hr operations
RIH WITH 6 1/8" DIRECTIONA BHA, RE-LOG AS PER GOC, DRILL 6 1/8" HOLE.

Next 24 hr plan
DRILL 6 1/8" HOLE.

Location
MRJN 560/569 PLTF

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,200	9 5/8	9452		7	9,047	12,427	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12442	41.8 (01/23/2026@1400)	100	758	228	

Formation Tops

Formations	Top Depth	Comments
URTR	9,539	TVD 7849"
SULY	10,223	TVD 8068"

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	6 1/8	N	DRLG	HT	PEL	RIG	12442	12442			HPJSM, CHANGE OUT HANDLING EQUIP. FROM 4" TO 5 1/2"
0545 - 0730	1.75	0	6 1/8	N	DRLG	TI	STDP	RIG	12442	12442	8785	12240	RIH WITH 6-1/8" BHI MRSS/LWD/MWD BHA ON 5-1/2" DP.
0730 - 1445	7.25	0	6 1/8	N	DRLG	OTH	NA	SM2	12442	12442			CUMMLATIVE TIME FOR INSTALLING SPIRO TORQ SUB BEFORE RIH IN THE OPEN HOLE. ** INSTALL TOTAL 10 EA OF 4" DPP & 38 EA OF 5-1/2" DPP.
1445 - 1815	3.5	0	6 1/8	N	DRLG	LOG	LWD	BHI	12442	12442	12240	12442	BAKER SEND DOWNLINKS AND RELOG AS PER GOC FROM 12240' TO 12440'. - RECORD REFERENCE PARAMATERES AND SCR.
1815 - 0459	10.75	0	6 1/8	N	DRLG	DMR	MRSS	BHI	12442	13200			DIRC DRLG 6-1/8" HOLE W/ BHI MRSS/LWD/MWD BHA. - PUMP SWEEP AS REQUIRED. - RECORD SURVEY AFTER CONNECTION EACH STD. - REAM UP/DOWN EVERY STD. - MAX INST ROP 150 FPH AS PER BAKER DUE TO START TRACK.

Foreman Remarks

MRJN-563 WILL BE DRILLED AS A DUAL LATERAL OIL PRODUCER IN MRJN-560/569 PLATFORM TARGETING RATAWI RESERVOIR.
==========SAFETY==========
- FIRE DRILL: 4-JAN.
- H2S DRILL: 4-JAN. & H2S RESCUE: 4-JAN.
- ABANDON SHIP: 4-JAN.
- MAN DOWN: 28-SEP.
- MAN OVERBOARD: 5-SEP.
- CONFINED SPACE: 25-OCT.
- TRIP DRILL: 25-NOV & PIT DRILL: 25-NOV.
- SPILL DRILL: 6-NOV.
- ANNUAL SECONDARY EMERGENCY DRILLON 05-APR-2025.
- HSE ALERTS REVIEWED WITH CREWS: WEEK#3
- WEEKLY HSE CAMPAINL SPILL PREVENTION AND RESPONSE FOR OFFSHORE.
========== PLATFORM MRJN 560/569 PF ==========
1 WELL TIE BACK, 7 X NEW DRILL WELLS (2 X SL + 5 X DL) | 2 X PH REQUIRED:

MRJN-560 WO (TIE-BACK/CMT, WH WORK) (DONE + SUSPENDED)
MRJN-561 DL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2" (DONE),6-1/8" L-0,6-1/8" L-1(DONE),EOW(DONE).
MRJN-562 DL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2"(DONE),6-1/8" L-0(DONE),6-1/8" L-1(DONE),EOW(DONE).
MRJN-563 DL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2"(CURRENT),6-1/8" L-0,6-1/8" L-1,EOW.
MRJN-565 SL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2"L-0 PH (DONE),8-1/2" L-1(DONE),6-1/8" L-1(DONE),EOW(DONE).
MRJN-567 SL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2"(DONE),6-1/8"(DONE),EOW(DONE).
MRJN-568 DL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2"(DONE),6-1/8" L-0 (DONE),6-1/8" L-1 (DONE),EOW (DONE).
MRJN-569 DL / PROD / RTWI 22"(DONE),16"(DONE),12-1/4"(DONE),8-1/2"L-0 PH (DONE),8-1/2" L-1 (DONE),6-1/8" L-1(DONE) ,6-1/8" L-2 (DONE),EOW (DONE).
========== BATCH DRILLING SEQUENCE ==========
1.MRJN-560 WO (TIE-BACK/CMT, WH WORK, DONE).
2.BATCH DRILLING 7 WELLS 22" HS
2.MRJN-569 (16" HS+12-1/4" HS + 8-1/2" PH + SUSPEND)
3.MRJN-565 (16" HS+12-1/4" HS + 8-1/2" PH + SUSPEND)
5.BATCH DRILLING 5 REMAINING WELLS 16" HS
6.BATCH DRILLING 5 REMAINING WELLS 12-1/4" HS
7.DRILLING RESERVOIR SECTIONS & COMPLETING ALL 8 WELLS " ON GOING"
======= WELL MRJN-563 PLANNED HOLE SECTIONS ==========
L-0 22" HOLE PLANNED @ 2,441' MD (50' TVD INTO RUS), ACTUAL @ 2435'.
L-0 16" HOLE PLANNED @ 5,505' MD (50' TVD ABOVE LHHR), ACTUAL @ 5485'.
L-0 12-1/4" HOLE PLANNED @ 8,879' MD (30 FT TVD IN YAMM), ACTUAL @9,465'.
L-0 8-1/2" HOLE PLANNED @ 12430' MD, ACTUAL @ XXXX FT.
L-0 6-1/8" HOLE PLANNED @ 17430' MD, ACTUAL @ XXXX FT.

==========CURRENT LOCATION==========

LIMITED MORNING REPORT

MRJN-563 DEVELOPMENT DRILLING BI-60

04/27/2024 - 04/22/2026

PLATFORM : MRJN 560/569
LATITUDE: 28 DEG 19.16 N
LONGITUDE: 049 DEG 39.49 E
HEADING = 331 DEG
WATER DEPTH = 145 FT
RKB TO WL = 106.8 FT
RKB TO PLATFORM = 62 FT
AIR GAP = 46.5 FT
FINAL LEG PENETRATION: STBD 8.5 FT./ BOW 5 FT./ PORT 10.5 FT.
NEAREST GOSP: 2.44 MILES
========== ARAMCO PERSONNEL ==========
ARAMCO FCT, IBRAHIM ALZURAI, #795207, ON BOARD F/ 14 JAN, 2026, LEFT BY 27 JAN.2026
ARAMCO MATERIAL EXP. JEHAD AL MOHAMMADI, ID 820722 ON BOARD F/ 20 JAN, 2026.
========== ARO MANAGEMENT VISIT ==========
* JOSEPH SINGLEY #8769690 , ARO RIG MANAGER LEFT RIG ON 09 SEP-2025
* FAISAL AL ZAHRANI #8447215, ARO RIG MGR ON RIG F/ DEC 16, 2025 TILL 21 DEC 2025..
==========
==========LC-50==========
* LC-50 SAMPLE: WBM, SPUD MUD, BACKLOADED ON QMS DELTA W/ MNF#2400684060 ON 10 MAY 2024.
* LC-50 SAMPLE: WBM, NACL POLYMER WBM, BACKLOADED ON RAWABI-57 W/ MNF#2400709158 ON 24 SEP 2024.
* LC-50 SAMPLE: OBM, DELTA DRILL BARITE OBM, BACKLOADED ON PACIFIC AURORA W/ MNF#2400713159 ON 27 OCT 2024.
========== EMERGENCY SUSPENSION KIT==========
** EMERGENCY SUSPENSION KIT AS FOLLOW : HLB 9-5/8" & 7" MST (3 X 9-5/8" EZSV, 1 X 7" EZSV).

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	0	0API	0	0 Volts	0	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	91	0	0	0 / 0	LS-ND	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
0	0	0	9	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	0.6	3.8API	0	0 Volts	6.63	9.9	4,200
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
122	13.6HTHP	93	25	0	9 / 12	LS-ND	2.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0.4	17	7	7 / 8	2.5	0	12.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	0.5	4API	0	0 Volts	6.65	10	3,800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
98	13.8HTHP	93	24	0	9 / 11	LS-ND	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0.4	17	7	7 / 8	2.5	0	0

MUD TREATMENT

BCTRN	CAUST	G-SCAV AR	OXYGON	MRBL-M	BORE-SHIELD	HYPERGLIDE
2 (5GL)	4 (50LBP)	1 (55GL)	2 (50LBP)	1 (2200L)	2 (55GL)	4 (55GL)
PACLV	**FLO-TROL**	**SODASH**				
12 (55LB)	12 (55LB)	4 (50KG)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
10RR	12,442	13,200	DP Av	DC Av	Bit HHP	18	100	M332	6.125	REED
Pressure	**GPM**	**Jet Vel**	324.66	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,800	285	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S293635	TK63M1A	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	260	275	240	15		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
			0				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
20	Drillpipe	RIG	4	1	4	3.34	31	334.59	XT39	XT39	14	7,486.543	XD105	PREM	TALLY
19	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.56	61.02	303.59	XT39	XT39	25.16	7,052.543		CONV	ON FILE
18	Hydro-Mechanical Jar	TO1	4.75	1	4.75	2.25	15.66	242.57	XT-39	XT-39	1	5,517.28			DJ65005593
17	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.56	91.62	226.91	XT39	XT39	25.16	5,501.62		CONV	ON FILE

LIMITED MORNING REPORT

MRJN-563 DEVELOPMENT DRILLING BI-60

04/27/2024 - 04/22/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Crossover	RIG	4.75	1	4.75	2.25	1.37	135.29	NC38	XT39	0	3,196.46			RIG
15	Multi Activation Circulating Sub	SAM	4.75	1	4.75	2.125	8.05	133.92	NC38	NC38	1	3,196.46			HYD475BP020
14	FIlter Sub	BHI	4.75	1	4.75	2	5.66	125.87	NC50	NC50	1	3,188.41			13995681
13	Float Sub	BHI	4.875	1	4.875	2	3.28	120.21	NC38	XT39	1	3,182.75			16679179
12	Stop Sub	BHI	4.75	1	4.75	2.25	2.48	116.93	NC38	4 3/4 T2	1	3,179.47			16384342
11	Modular Stabilizer	BHI	4.75	1	4.75	2.264	2.93	114.45	4 3/4 T2	4 3/4 T2	1	3,176.99			15653066
10	Logging While Drilling (LWD)	BHI	4.75	1	4.75		9.47	111.52			62.2	3,174.06			13095840
9	Logging While Drilling (LWD)	BHI	4.75	1	4.75	1.339	14.42	102.05	4 3/4 T2	4 3/4 T2	68.32	2,585.026			16558133
8	Modular Stabilizer	BHI	5.75	1	4.75	1.575	2.91	87.63	4 3/4 T2	4 3/4 T2	1	1,599.852			15635113
7	BCPM. Bi-directional Communication and Power Module	BHI	4.75	1	4.75	2.25	16.96	84.72	4 3/4 T2	4 3/4 T2	1	1,596.942			13193089
6	Modular Stabilizer	BHI	5.875	1	5.875	1.5	2.89	67.76	4 3/4 T2	4 3/4 T2	1	1,579.982			14701246
5	Measurement While Drilling (MWD)	BHI	4.75	1	4.75	1.339	19.97	64.87	T2	T2	64.14	1,577.092			14531735
4	Mud Motor	BHI	4.75	1	4.75	3.823	32.07	44.9	T2	T2	1	296.216			15187838
3	Logging While Drilling (LWD)	BHI	4.75	1	4.75		4.19	12.83	T2	T2	60.98	264.146			14157732
2	RSS	BHI	4.75	1	4.75	1	8.15	8.64	T2	3 1/2 REG	1	8.64			15425289
1	Bit	REED	6.125	1	6.125		0.49	0.49	3 1/2 REG		1	0.49			S293635

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	N/A	15-20 KNOTS	1-3 FT	SEASONAL	615	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	A20	BHI	SM2	RIG	BDF	ARM	HCM	MI2	ARM	SAM
Category	CTRG	DPDS	DPP	RIG	DFMS	OTHR	PCS	SCS	WSC	WBCS
No. of Persons	12	2	1	51	2	1	1	1	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	12	0	12	24	24

Total
73

TRUCKS/BOATS

Standby/Tankers
RAWABI-209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2091	1055	2020	6630	0	3837

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

JANA-30 DEVELOPMENT DRILLING BI-60

03/25/2025 - 03/20/2026

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ARO-3002 @ JANA-30 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ARO-3002
Well: JANA-30
Wellbores: (0) JANA_30_0

Charge #: (66-24529-0030)
Wellbores: (0) JANA_30_0

Objective : (OIL EVALUATION/DELINEATION DUAL LATERAL WELL IN JANA)

Foreman(s): ELSHEHRY, ABDELHAMEID HUSSEIN / ELKALASHY, SOLIMAN AHMED
Engineer: GOMAA, MOHAMED MOSTAFA MOHAMED AL / ALGHAMDI, MESHAL OTHMAN
Manager: SHAMMARY, FAHAD SALEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2433	378-8311	378-8312

CONTRACTOR /CLERK VSA T: 378-8315

Last 24 hr operations	Next 24 hr plan
UNSET BLUEPACK PKR. REVERSE OUT & CIRCULATE AS REQUIRED.	FLOW CHECK. SPOT HEC PILL AS REQUIRED. L/D TBG HGR & POH W/ CHDST-ESPCP STRING.

Location	Next Location
JANA FIELD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,991	13 3/8	4517	4517	9 5/8	4,368	7,534	7,534

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7052	254 (04/19/2025@0145)	100	0	117	

Formation Tops

Formations	Top Depth	Comments
ARUM	2,849	32 FT SHALLOWER
LHHR	4,098	23 FT SHALLOWER
WASI	4,287	NOT PROGNOSED
AHMD	4,471	22 FT SHALLOWER
CPCK	4,559	24 FT SHALLOWER
WARA	4,677	23 FT SHALLOWER
MDDD	4,757	22 FT SHALLOWER
SFNY	4,874	14 FT SHALLOWER
KHFJ	5,007	20 FT SHALLOWER
BMKJ	5,342	10 FT SHALLOWER
SHUB	5,377	12 FT SHALLOWER
BYDH	5,677	19 FT SHALLOWER
BUWB	5,989	15 FT SHALLOWER
MDTM	6,208	11 FT SHALLOWER
YAMM	6,255	NOT PROGNOSED
URTR	6,302	
LRTR	6,488	13 FT SHALLOWER
SULY	6,488	13 FT SHALLOWER
MNIF	6,990	76 FT SHALLOWER
BMFR	7,008	80 FT SHALLOWER
HITH	7,012	79 FT SHALLOWER
HSRG	7,147	77 FT SHALLOWER
ABAR	7,416	84 FT SHALLOWER
BAAR	7,451	81 FT SHALLOWER
ABBR	7,495	
BABR	7,525	

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	EOW	E	TEST	OTH	NA	SLL	7536	7536			R/D SLB SLICK LINE EQUIPMENT.
0700 - 0830	1.5	0	EOW	E	TEST	OTH	NA	RIG	7536	7536			CAMERON RETRACT TBG HGR LOCK DOWN SCREW & R/U SURFACE LINES.
0830 - 0900	0.5	0	EOW	E	TEST	PJSM	NA	RIG	7536	7536			PRE-JOB MEETING FOR UNSET SLB BLUEPACK PKR.
0900 - 1445	5.75	0	EOW	E	TEST	OTH	NA	SWT	7536	7536			UNSET SLB HYD BLUEPACK PACKER WITH 153 KLB'S O.PULL AFTER SEVERAL TRIALS.
1445 - 1800	3.25	0	EOW	E	TEST	OTH	NA	SWT	7536	7536			ALLOW RUBBER ELEMENT TO RELAX.
1800 - 1845	0.75	0	EOW	E	TEST	OTH	NA	RIG	7536	7536			ATTEMPT TO ESTABLISH REVERSE OUT CIRCULATION. NEGATIVE.
1845 - 2145	3	0	EOW	E	TEST	OTH	NA	RIG	7536	7536			WORK STRING UP & DOWN TO BURN ON BLUEPACK PKR ELEMENT.
2145 - 0030	2.75	0	EOW	E	TEST	CIRC	MPMP	RIG	7536	7536			REVERSE OUT 1.5 X STRING CAPACITY TO SLB WT TILL HAVE CLEAN 79 PCF BRINE.
0030 - 0100	0.5	0	EOW	E	TEST	OTH	NA	RIG	7536	7536			FLOW CHECK. WELL STATIC.
0100 - 0459	4	0	EOW	E	TEST	CIRC	MPMP	RIG	7536	7536			CIRCULATE 1.1 X WELLBORE VOLUME ON GOING @ RPT.

Foreman Remarks

WELL OBJECTIVE:
JANA-30 WILL BE DRILLED AS AN OFFSHORE OIL EVALUATION DUAL LATERAL WELL.

THE OBJECTIVE OF THE WELL IS TO EVALUATE THE SOUTH DOME IN JANA FIELD THROUGH LOGGING, CORING AND TESTING L-0 AND INVESTIGATE THE SEPARATION OBSERVED BETWEEN THE TWO DOMES IN SEISMIC DATA THROUGH RUNNING LWD IN L-1 FOR ARAB-A AND ARAB-B RESERVOIRS. THE SECONDARY TARGETS ARE MANIFA, UPPER RATAWI AND LOWER RATAWI RESERVOIRS. L-0 VERTICAL SECTION WILL BE DRILLED TO TOTAL DEPTH OF 7,629' MD/TVD AND L-1 DEVIATED SECTION WILL BE DRILLED TO TOTAL DEPTH OF 13,195' MD 7,736' TVD.
==========
SAFETY:

Username: YUAYANAL
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LIMITED MORNING REPORT

JANA-30 DEVELOPMENT DRILLING BI-60

03/25/2025 - 03/20/2026

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** REINFORCE STOP WORK AUTHORITY, HANDS-FREE OPERATIONS & LINE OF FIRE AWARENESS IN ALL PRE-TOUR MEETINGS.
** HELD WEEKLY SAFETY MEETINGS WITH CREW.
** HSE ALERTS REVIEWED WITH CREW.
** HELD SECONDARY DRILL ON 30/10/24.
** HELD H2S, FIRE, ABANDON SHIP DRILL ON 01/15/26.
** HELD MAN DOWN DRILL ON 11/12/25.
** HELD H2S RESCUE DRILL ON 11/12/25.
** HELD MAN OVERBOARD ON 14/11/25.
** HELD RESCUE AT HEIGHTS DRILL ON 26/11/25.
** HELD CONFINED SPACE DRILL ON 14/12/25.
** WELL CONTROL DRILLS (PIT DRILL, TRIP DRILL) ON 28/11/25
** OIL SPILL EQUIPMENT DRILL ON 10/11/25
** WEEKLY HSE CAMPAIGN (TOPIC) FIRE INCIDENTS.
==========
ARAMCO PERSONNEL ONBOARD:
> ARAMCO MAT EXP YAHYA M ALMUTAIRI ID#8658588 ON RIG SINCE 28/1/2026.
> ARAMCO MAT EXP ABDULHADI H ALARJANI ID#819377 LEFT RIG ON 28/1/2026.
> ARAMCO HSE ADVISOR JOSE R PEREZ ID#8567397 ON RIG SINCE 25/1/2026.
==========
* LC-50 SAMPLE (JANA-30): MAY 01 2025: WBM BL MANIFEST 2400747961, PACIFIC ASSEGAI.
* LC-50 SAMPLE (JANA-30): JULY 05 2025: OBM BL MANIFEST 2400762261, RAWABI-46.
==========
RIG CONTACT:
* RADIO RM: +966-135105792, ARAMCO PHONE AT RADIO RM: +966-133788312
* VHF RADIO CHANNEL: 11 & 68
* RIGNET SATELLITE PHONE: +00870773929015
==========
ARO MANAGEMENT VISIT:
> ARO CEO MOHAMED HEGAZI ID#8599573 VISITED RIG ON 7/1/2025.
> ARO MANAGING DIRECTOR ERIC MIDDEN ID# 8696061 VISITED RIG ON 10/1/2025.
> ARO OPS MGR STEPHEN PETER ID#8507355 VISITED RIG ON 6/18/2025.
> ARO RIG MGR MICHAEL WARBURTON ID#8750963 VISITED RIG ON 9/2/2025.
> ARO ASS. RIG MGR TALIB FAHAD ID#8378897 VISITED RIG ON 7/29/2025.
==========
RIG CURRENT COORDINATES:
* WATER DEPTH = 195'; LATITUDE = 27DEG 21.45' N; LONGITUDE =050 DEG 00.54' E; BOW HEADING 015.
* FINAL LEG PENETRATION: PORT= 21.5 FT, STBD= 20 FT, BOW = 24 FT.
* NO ANCHOR RESTRICTIONS ON JANA-30 LOCATION.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	0	0API	0	0 Volts	0	9.5	225,600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	90	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	10	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	0	0API	0	0 Volts	0	9.5	225,600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	90	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	10	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	TOURLY	8-11 SSE	0.5 FT	SEASONAL	817	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SWA	INW	WCR	ATC	SCT	RIG	BDF	ARM	BCM	SLL	ARM	SWT	SWT	CAM
Category	ALS	BRCR	CSR	CTRG	COIL	RIG	DFMS	OTHR	PCS	SLS	WSC	WTDS	WTSE	WHES
No. of Persons	5	1	4	11	4	41	1	2	2	3	2	3	12	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	0	0	24	24	0	24	24	24	24	24	24

Total
92

TRUCKS/BOATS

Standby/Tankers	Others
pacific avenger	pacific phoenix

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1802	1033	1415	2173	0	2946

REPAIR ASAP

Instrumentation	Other	Reporter

LIMITED MORNING REPORT

JANA-30 DEVELOPMENT DRILLING BI-60

03/25/2025 - 03/20/2026

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
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Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

10/16/2018 - 10/01/2026

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ARO-3003 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ARO-3003
Well: *RIG MAINTENANCE*
Wellbores:

Charge #: ()
Wellbores:

Objective : (RIG MAINTENANCE & UPGRADES.)

Foreman(s)
Engineer
Manager HAWSAWI, ABDULLAH OMAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00882-1677 7-12180	378-8396	378-8398

CONTRACTOR /CLERK VSA T: 378-8397

Last 24 hr operations: RIG MAINTENANCE.

Next 24 hr plan: RIG MAINTENANCE.

Location: IMI SHIPYARD

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					RIG MAINTENANCE AT IMI SHIPYARD. * 5 YEARLY MAINTENANCE ON ALL EQPT. * UPGRADE INSTALLATION ON POWER SYSTEMS & DRILLING CONTROLS. * COMMENCED 12/14/25 [PLANNED +/- 180 DAYS].

Foreman Remarks

* ARAMCO CLERK MOHAMED ASLAM SAIT #8608824 ONBOARD SINCE 07/21/25.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	NONE - DTO	N/A	N/A	N/A	1,142	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	ARM	
Category	OTHR	
No. of Persons	1	Total 1
Personnel on Loc. Hrs.	24	
Operating Hours.	12	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	0	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

SFNY-1049 DEVELOPMENT DRILLING BI-60

01/01/2026 - 04/17/2026

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ARO-3004 @ SFNY-1049 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s) / Engineer / Manager
ARO-3004	(66-25013-1049)	(DUAL LATERAL OIL PRODUCER ACROSS SFNY RESERVOIR)	ABOELNADER, WAEL ABDO / ALAKEEL, KHALID WALEED MOREIRA, GUSTAVO ALVES / ALFAADHEL, ABDULAZIZ SAAD YAMI, NASSER SALEM
Well: SFNY-1049	Wellbores: (0) SFNY_1049_0		
Wellbores: (0) SFNY_1049_0			

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
0088216777 12179	378-6513	+966135105 832 RADIO ROOM
CONTRACTOR /CLERK VSA T		
378-6514 MATERIAL E XP		

Last 24 hr operations	Next 24 hr plan
HANDOVER PLATFROM FROM FIELD SERVICES, FINAL APPROACH TO SFNY-1040/1049 AND PRELOAD.	CONT. PRELOADING, JACK UP RIG TO WORKING AIR GAP, SKID OUT CANTILEVER & RIG FLOOR, OFFLOAD SPUD MATERIAL AND R/U.

Location	Next Location
SFNY-1040/1049 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	261	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0900	4	0	PRE	M	RM	OTH	NA	APF	0	0			WO	965269	WAIT ON FIELD SERVICES TO HANDOVER SFNY-1040/1049 PLATFORM
0900 - 1130	2.5	0	PRE	M	RM	OTH	NA	ARM	0	0					HANDOVER SFNY-1040/1049 PF, SIGN ALL PAPERWORK
1130 - 1200	0.5	0	PRE	M	RM	RM	NA	RIG	0	0					HPJSM, CONNECTED KEHOE TIDE TO BOW BRIDLE LINE
1200 - 1400	2	0	PRE	M	RM	RM	NA	RIG	0	0					HPJSM, JACKED DOWN AND PERFORMED WATER-TIGHT TEST - GOOD - AT 13:30, JANA-506 PULLED OUT OF SFNY-1040/1049 PF FOR RIG FINAL APPROACH
1400 - 1445	0.75	0	PRE	M	RM	RM	NA	RIG	0	0					HPJSM, CONNECTED ZAMIL-57 & RAWABI-49 TO PORT & STBD SIDE, FREED ALL LEGS
1445 - 1715	2.5	0	PRE	M	RM	POV	NA	RIG	0	0					FINAL APPROACH AND POSITION RIG ON SFNY-1040/1049 PF AS PER RMM
1715 - 1800	0.75	0	PRE	M	RM	RM	NA	RIG	0	0					HPJSM, DISCONNECTED RAWABI-49 AND ZAMIL-57 FROM PORT & STBD SIDE
1800 - 1830	0.5	0	PRE	M	RM	OTH	NA	RIG	0	0					HPJSM, JACKED UP TO 5 FT AIR GAP
1830 - 2000	1.5	0	PRE	M	RM	OTH	NA	RIG	0	0					ZAMIL-57 & KEHOE TIDE SWAPPED BOW SIDE TOWING LINE, TRANSFERRED RMM TO KEHOE TIDE, RELEASED RAWABI-49 & KEHOE TIDE
2000 - 2130	1.5	0	PRE	M	RM	OTH	NA	RIG	0	0					HPJSM, OPENED BOW PRELOAD TANKS, VENTILATED AND OPENED FILL CAPS
2130 - 0459	7.5	0	PRE	M	RM	OTH	NA	RIG	0	0					HPJSM, FILLED BOW SIDE PRELOAD TANKS, HELD FOR 1 HOUR, DUMPED SAME

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
18 Jan 1200	4	109	965269		WO	WPD3	NA	AP2	0	WAIT ON PRODUCING TO DE PRESSERIZE THE WELLS ON PLATFORM SFNY-1040/1049.

Foreman Remarks

SFNY-1049 WILL BE DRILLED AS DUAL LATERAL OIL PRODUCER ACROSS SAFANIYA RESERVOIR WITH 6,000 FT OF RESERVOIR CONTACT. THE WELL WILL BE COMPLETED WITH ICD SCREENS AND SMART ESP UPPER COMPLETION.

WELL DESIGN:

SEA BED @ 205'
38" DRIVEN CONDUCTOR SET @ 261'
24" PLANNED @ 649' MD / 649' TVD, ACTUAL @
18 5/8" PLANNED @ 1,916' MD / 1,906' TVD, ACTUAL @
13 3/8" PLANNED @ 4,456' MD / 4,291' TVD, ACTUAL @
9 5/8" PLANNED @ 6,184' MD / 5,144' TVD, ACTUAL @
8 1/2" PLANNED @ 9,185' MD / 5,127' TVD, ACTUAL @
L-1
TOW PLANNED @ 4,536' MD / 4,360' TVD
BOW PLANNED @ 4,548' MD / 4,370' TVD
7" PLANNED @ 7,264' MD / 5,136' TVD, ACTUAL @

LIMITED MORNING REPORT

SFNY-1049 DEVELOPMENT DRILLING BI-60

01/01/2026 - 04/17/2026

6 1/8" PLANNED @ 10,264' MD / 5,154' TVD, ACTUAL @

SAFETY
- THURAYA CHECK # 008821677712179 CHECKED 25-JAN-2026, WITH DH ECC 5/5 CONTACT.
- MAN DOWN DRILL SIMULATED AT RIG FLOOR: 5-SEPT-2025
- MAN DOWN DRILL: 4-OCT-2025
- MAN OVER BOARD 6-SEPT-25
- OIL SPILL DRILL 01-NOV-25
- H2S MAN DOWN DRILL 20 DEC 2025
- H2S DRILL: 24-JAN-2026
- FIRE AND ABANDON DRILLS: 24-JAN-2026
- SECONDARY EMERGENCY DRILL: 23-JULY-25
- CONFINED SPACE RESCUE: 20-DEC-25
- DRAW-DOWN TEST: 30-NOV-25
- LAST 18-3/4" BOP CAVITY CHECK: 08-DEC-2025
- REVIEW D&WO HSE ALERTS - WEEK #5
- SPEAKING TO MEN IN PRETOUR MEETINGS TO ACTIVATE SWA, INCREASE SITUATIONAL AWARENESS AND TRIP HAZARDS. PINCH POINTS
- ANNUAL ESD TEST, E-GEN POWER ON AS PLANNED SEPT. 7, 2025
- ODD-2 HSE CAMPAIGN WEEK 03 - LESSONS LEARNED FROM PERMIT TO WORK VIOLATIONS.

ARAMCO PERSONNEL"

ARAMCO MATERIAL EXPEDITOR ABDELRHMAN ALHARBI #818537 ON RIG 20-JAN-26
ARAMCO MATERIAL EXPEDITOR MOHAMMED AL QAHTANI #8625964 ON RIG 27-JAN-26
ARAMCO HSE TECH FARIS ALTHALI ID# 295266 ON RIG 27-JAN-26
ARAMCO RIG MOVE MASTER GEORGE PAUL STEWART ID# 8654762 LEFT RIG 26-JAN-2026 AT 19:30
ARAMCO DE ABDULAZIZ AL FAADHEL ID# 794786 LEFT RIG 26-JAN-2026.

ARO MANAGEMENT LAST VISIT:
ARO OPERATION DIRECTOR STEPHEN, P COGHILL LEFT RIG 7-OCT-25
ARO RIG MANAGER JOHN M ISTRE # 8748853 ON RIG 27-JAN-26
ARO ASST RIG MANAGER TALIB ALSAYED ID 8378897 ON RIG 27-JAN-26
ARO HSE MANAGER JAMIE PEARSON ID 8035490 LEFT RIG OCT-20-25
ARO HSE SPECIALIST NEILL BIRSE - 8046731 LEFT RIG : 26-DEC-2025

CREW SHORTAGE:

CREW A: 2 X FLOORMAN FROM LP
CREW B: 1 X AD, 1 X FLOORMAN FROM LP
CREW C: N/A
CREW D: N/A

RENTAL TOOLS:

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	NA	13-18 KNOTS NW	1-2 FT	COOL & SEASONAL	721	PRETOUR 2 DAILY & WEEKLY SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	ATC	RIG	BDF	ARM	SCM	ARM
Category	CTRG	RIG	DFMS	OTHR	PCS	WSC
No. of Persons	12	58	2	3	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24

Total 79

TRUCKS/BOATS

Standby/Tankers
rawabi-207 (ssb)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1136	363	1051	481	0	1980

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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SFNY-622 WORKOVER-2 BI-90

12/08/2025 - 03/09/2026

ARO-4001 @ SFNY-622 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ARO-4001
Well: SFNY-622
Wellbores: (0) SFNY_622_0

Charge #: (64-25013-0622)
Wellbores: (0) SFNY_622_0

Objective : (N | CASING LEAK REPAIR (PROD/OBS): REPAIR CSG/LINER LEAKS CAUSED BY CORROSSION OR DUE TO MECHANICAL FAILURE)

Foreman(s): KHALAFALLAH, ISSAM ELSAYED MOHAMED I / HASHAD, ABDELHADY ABDELRAZEK
Engineer Manager: DOLCIANI, GREGORY JEAN-MARIE / GHAMDI, NAWAF AHMED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12217	378-7484	378-7486

CONTRACTOR /CLERK VSA T: 378-6616/ 378-8390

Last 24 hr operations
RIH 8 1/2" CO BHA. DRILL 9 5/8" FASDRILL CR AND CO CSG TO 3900'. SPOT LCM. POOH & LD 8 1/2" CO BHA. RIH AND SET 9 5/8" FASDRILL CR

Next 24 hr plan
PEFORM 6TH CMT SQUEEZE REMEDIAL JOB TO REPAIR CSG LEAK. WOC. INJECTIVITY TEST.

Location: SFNY 618/625 PLATFORM
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,542	9 5/8	6606	5051				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6542	28.7 (01/15/2026@1330)	100	0	262	

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	POST	N	DRLG	HT	PEL	RIG	6542	6542			MU 8 1/2" CO BHA. PU SECURITY RR BIT QH4S SN#840216 & NAPESCO 6 1/2" JAR
0700 - 0830	1.5	0	POST	N	DRLG	TI	STDP	RIG	6542	6542	283	3650	RIH 8 1/2" CO BHA ON 5 1/2" DP.
0830 - 0900	0.5	0	POST	N	MILL	CIRC	MPMP	RIG	6542	6542			WASH DOWN AND TAG CMT RETAINER @ 3693'
0900 - 1230	3.5	0	POST	N	MILL	OTH	NA	RIG	6542	6542			DRILL OUT 9 5/8" FASDRIL CMT RETAINER TO 3697'. PUMP SWEEPS AS REQUIRED. GOT TOTAL LOSSES AFTER DRILING 2' OF CR.
1230 - 1500	2.5	0	POST	N	MILL	RW	MILL	RIG	6542	6542	3697	3900	WASH DOWN TO 3900' (15' ABOVE BOTTOM OF LOCATED CSG LEAK). SWEEP AS REQUIRED.
1500 - 1630	1.5	0	POST	N	MILL	CIRC	MPMP	RIG	6542	6542			SPOT 100 BBLS X 150 PPM LCM. FILL-UP WELL AND F/C +/- 80 BPH STATIC LOSSES. DROP HOLLOW DRIFT.
1630 - 1800	1.5	0	POST	N	DRLG	HT	PEL	RIG	6542	6542			POOH 8 1/2" CO BHA TO TOP OF BHA.
1800 - 1830	0.5	0	POST	N	DRLG	SDR1	NA	RIG	6542	6542			F/C PRIOR PULLING BHA. +/- 50 BPH STATIC LOSSES.
1830 - 2030	2	0	POST	N	DRLG	HT	PEL	RIG	6542	6542			POOH & LD 8 1/2" CO BHA. LD NAPESCO 6 1/2" JAR & 8 1/2" RR BIT.
2030 - 2100	0.5	0	POST	N	DRLG	HT	PEL	RIG	6542	6542			CLEAR AND CLEAN RIG FLOOR.
2100 - 2115	0.25	0	POST	N	PA	PJSM	NA	RIG	6542	6542			PJSM PRIOR PU HALL 9 5/8" CMT RETAINER ASSY.
2115 - 2230	1.25	0	POST	N	PA	HT	BHA	RIG	6542	6542			MU HALL 9 5/8" FASDRILL CMT RETAINER & MST ASSY.
2230 - 0100	2.5	0	POST	N	PA	HT	STRG	RIG	6542	6542			RIH HALL 9 5/8" FASDRILL CMT RETAINER ON 5 1/2" DP TO SETTING DEPTH. - LOSSES WHILE RIH +/- 35 BPH.
0100 - 0230	1.5	0	POST	N	PA	SET	BP	HCB	6542	6542	3690	3690	SET HALL 9 5/8" FASDRILL CMT RETAINER @ 3690' (TOP OF RETAINER @ 3686'). RELEASE RT AS PER HALL. - P/T CMT RETAINER TO 300 PSI OK. - STING-IN AND P/T BACKSIDE TO 300 PSI OK. - PERFORMED INJECTIVITY TEST WITH 67 PCF BRINE @ 3BPM/150 PSI. STING-OUT.
0230 - 0400	1.5	0	POST	N	PA	CIRC	MPMP	RIG	6542	6542			CIRCULATE BOTTOMS-UP. SPOT 20 BBLS SPACER ON TOP OF CMT RETAINER.
0400 - 0459	1	0	POST	N	PA	OTH	NA	RIG	6542	6542			PREPARE MIX FLUIDS AND INJECTROL PILLS.

Workover Objectives

Foreman Remarks

WELL OBJECTIVE:
SFNY-622 : REPAIR 9 5/8" CASING LEAK, RUN 7" SCAB LINER & COMPLETE WITH NEW ESP. SFNY-622 WAS COMPLETED AS A SINGLE LATERAL OIL PRODUCER WITH ESP TARGETING THE SFNY RESERVOIR.
==========
RKB TO MSL = 117 FT; RKB TO ML = 185 FT; RKB TO PLATFORM TOP DECK = 67 FT; AIR GAP = 50 FT. ODF CORRECTION + 24FT.
==========
* CONDUCT H2S, FIRE & ABANDON DRILL ON JAN-24-2026.
* REINFORCE SWA, HANDS-FREE OPERATIONS, RED ZONE & LOF IN ALL PRE-TOUR MEETINGS.
* EMPHASIZE IMPLEMENTATION OF ADVERSE WEATHER PROGRAMS, STRENGTHEN CREW'S SAFETY CULTURE, AND RAISE AWARENESS.
* PERFORM SWA & LOF DRILLS.
* REVIEW RECENT HSE ALERTS WITH ALL PERSONNEL. HSE ALERTS DISCUSSED : 04-26 & 05-26.
==========

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

SFNY-622 WORKOVER-2 BI-90

12/08/2025 - 03/09/2026

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* LC-50 SAMPLE (SFNY-618/625 PF): 23-JUNE-2025, OBM, MF# 2400759570, WILLIAM-R.
==========
RENTAL TOOLS:
==========
ARAMCO PERSONNEL:
* ARAMCO CLERK MANOJ KUMAR MALLA ID# 8643501 ON BOARD SINCE 11/20/2025.
* ARAMCO HSE ADVISOR ABDULGHANI HACINI ID # 8426149 ON RIG SINCE 21/01/2026.LEFT ON 27/01/2025
==========
CONTRACTOR MANAGEMENT VISITS:
* ARO RIG MANAGER MAHMOUD A SBAITAN VISITED RIG ON 20-JANUARY-2025.
* ARO OPERATION MANAGER DAVID RAY VISITED RIG ON 07- JULY 2025.
==========
* NEXT LOCATION :
* SFNY-91, 605/609, 1385/1389 PF TO DRILL 4 WELLS.
* PDS: CRM-SR 8800024183 SUBMITTED ON 06/03/2025 & CRM-SR 8800025363 SUBMITTED ON 08 JAN-2026.
* RIG MOVE REQUEST : RM-2026-4014052 SUBMITTED ON 08 JAN-2026.
* DIVING REQUEST# DP-2025-18791 SUBMITTED ON JUNE-22-2025 FOR DEBRIS REMOVAL.
* SFNY-970/979 PF TO DRILL SFNY-979 WELL.
* PLATFORM DEBRIS SURVEY FOR SFNY 970-979, CRM-SR 8800024805 SUBMITTED ON 09/28/2025.
* RIG MOVE REQUEST RM-2025-4013363 F/ SFNY- 618/625 TO SFNY-970/979 SUBMITTED ON 09/28/2025.

***SFNY-973 :SLB 4 1/2" SIMPLUS PLUG INSTALLED AT 150FT FOR WELL SECUREMENT ON 24-DEC-25 @ 00:45
***SFNY-978: SLB 4 1/2" SIMPLUS PLUG INSTALLED AT 150FT FOR WELL SECUREMENT ON 24-DEC-25 @ 5:15

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	0API	0	0 Volts	0	9.4	68,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	29	0	7 / 8	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	11	5	7 / 8	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	0API	0	0 Volts	0	9.3	68,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	5	0 / 0	0	0	0

MUD TREATMENT

HEC	BCTRN	CAUST
36 (50LB)	4 (5GL)	2 (50LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	TOURLY	10-12 KNOTS W	2-3FT	SEASONAL	3,838	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	HCB	GOC	GOS	RIG	BDF	ARM	HCM	ARM
Category	BRCR	CSR	CTRG	RIG	DFMS	OTHR	PCS	WSC
No. of Persons	1	1	14	53	1	1	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	8	0	0	24	12	0	24	24

Total
76

TRUCKS/BOATS

Standby/Tankers
RAWABI-204

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1967	659	1660	1635	573	2573

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-2156 WORKOVER-2 BI-60

01/22/2026 - 02/23/2026

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saudi aramco

BCTD-10 @ HRDH-2156 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: BCTD-10
Well: HRDH-2156
Wellbores: (0-1) HRDH_2156_1

Charge #: (71-25058-2156)
Wellbores: (0-1) HRDH_2156_1

Objective : (RE-ENTER WELL, SET WHIPSTOCK, MILL WINDOW ACROSS 4.5" LNR & DRILL 1ST LATERAL ACROSS UNZC RESERVOIR.)

Foreman(s): SULAIMANI, ADEL ABBAS / ALSAGGAF, FAHAD MOHAMMED / GHARASH, HAIDAR SAMI
Engineer: ALBASRI, MORTADA MOHSEN
Manager: ALI, ALI MOHAMMAD

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677714 285	0135773201	0135773234

Last 24 hr operations: POOH, DEPLOY & RIH WHIPSTOCK BHA#2, POOH, DEPLOY & RIH W/ WHIPSTOCK BHA#3.

Next 24 hr plan: RIH, SET WHIPSTOCK, POOH, RIH BHA#4, MILL WINDOW,

Location: 288 KM FROM DH MAIN GATE.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,596	9 5/8	10705	10705	4 1/2	12,995	16,768	14,650

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16596	1.7 (01/26/2026@1200)	100	0	288	288

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0600	1	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	16771	16771	4000	0			POOH W/ MOTOR CLEAN-OUT ASSEMBLY FOR MONOBORE BOT WHIPSTOCK BHA. ~ SHUT IN WELL ON WC CHOKE AT 9,500 FT. ~ SIWHP= 0 PSI.
0600 - 0730	1.5	0-1	3 5/8	N	DRLG	HT	BHA	RIG	16771	16771					PJSM, UNDEPLOY CLEAN-OUT BHA#1. ~ SIWHP= 0 PSI. ~ FLUSH BOP & RISER WITH 20 BBL. ~ PERFORM INJECTOR MAINTENANCE (STRIPPER/CHAINS/GRIPPER BLOCKS). ~ PERFORM UTT ON CT, MINIMUM: 0.202".
0730 - 0830	1	0-1	3 5/8	N	DRLG	HT	BHA	RIG	16771	16771					PJSM, DEPLOY BHA#2 BOT MONOBORE WHIPSTOCK (#109069849-01). ~ WHP= 0 PSI.
0830 - 1700	8.5	0-1	3 5/8	N	DRLG	TI	CTBG	RIG	16771	16771	0	16000			SET DEPTH & RIH W/ BHA#2 BOT MONOBORE WHIPSTOCK. ~ OPEN WELL AT SURFACE. ~ PACK COIL W/ 10 GPM. ~ PUMP COIL INHIBITOR. ~ WEIGHT CHECK & TOOL CHECK EVERY 3,000 FT. ~ RUN GR CORRELATION FROM 16,200 FT. CORRECTION: (+74 FT). ~ AT 15000 FT WEIGHT CHECK (74K UP / 63K DN). ~ LOG DOWN CCL FROM 15,759 FT TO 16,000 FT. ~ PULL BACK TO WS SETTING DEPTH AT 15,928'.
1700 - 1800	1	0-1	3 5/8	N	DRLG	OTH	NA	RIG	16771	16771			BHA	965565	(LT: BHI) PJSM, DISCUSS W/ BOT REP & CREW. SET WHIPSTOCK AS FOLLOW: ~ BOT & DD ORIENT WHIPSTOCK TF TO 20 DEG RHS. ~ TRIED TO CLOSE CIRCULATION PORT - FAILED TO CLOSE. * DECISION MADE TO POOH TO CHANGE BHA DUE TO EDC FAILURE.
1800 - 0330	9.5	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	16771	16771	15928	0	BHA	965565	(LT: BHI) POOH TO SURFACE W/ BOT SETTING TOOL. ~ SHUT IN WELL AT 9,500 FT & SIWHP: 0 PSI.
0330 - 0459	1.5	0-1	3 5/8	N	DRLG	HT	BHA	RIG	16771	16771			BHA	965565	(LT: BHI) PJSM, UNDEPLOY BOT WHIPSTOCK SETTING TOOL BHA#2.... IN PROGRESS ~ SIWHP= 0 PSI. ~ FLUSH BOP & RISER W/ 20 BBL. ~ PERFORM INJECTOR MAINTENANCE, (STRIPPER/CHAINS/GRIPPER BLOCKS). ~ PERFORM UTT ON CT, MINIMUM: 0.202".

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 1700	12	12	965565		BHA	FOT	MWD	BHI	15928	EDC FAILED TO CLOSE WHILE TRYING TO SET WHIPSTOCK.

Workover Objectives

LIMITED MORNING REPORT

HRDH-2156 WORKOVER-2 BI-60

01/22/2026 - 02/23/2026

Foreman Remarks

~ SGA #1: 1.1KM SE , SGA #2: 1.1KM NW.

COIL STRING #41477-1 WL (TENARIS 0.204" WT-HT110 MONOBORE), LENGTH: 17,899 FT, E-LINE LENGTH: 18,114 FT.
~ MAX FATIGUE: 7.9% @ 15,300 FT. SLACK 1.2%, VOL: 66 BBLS.
~ DRILLED FOOTAGE: 360 FT, DAILY RUN FOOTAGE: 16,407 FT, TOTAL RUNNING FOOTAGE: 101,894 FT.
~ TRIPS SINCE LAST SLACK MANAGEMENT: 6.
~ CT REEL SWAP ON 01/14/2026.

5:00 AM:

~ GAS: DAILY FLARED: 0 MMSCF (TTL: 0 MMSCF); TOTAL FLARED: 0 MMSCF (TTL: 0 MMSCF).
~ GAS: DAILY EXPORTED: 0 MMSCF (TTL: 0 MMSCF); TOTAL EXPORTED: 0 MMSCF (TTL: 0 MMSCF).
~ CONDENSATE: DAILY PRODUCED: 0 BBLS (TTL: 0 BBLS); DAILY BURNED: 0 BBLS (TTL: 0 BBLS); TOTAL BURNED: 0 BBL (TTL BURNED: 0 BBLS).
~ CONDENSATE: DAILY EXPORTED: 0 BBLS (TTL: 0 BBLS); TOTAL EXPORTED: 0 BBL (TTL BURNED: 0 BBLS).
~ H2S: 0 %, CO2: 0 %.
~ AV IN OH: 0 FPM, CTR: 0 / AV IN 4-1/2" TBG: 0 FPM, CTR: 0 .
~ CORROSION INHIBITOR: DAILY PUMPED: 0 GAL (TOTAL: 0 GAL) / TYPE: RN-634.
~ CLAY-WEB DAILY USAGE: 0 GAL, TOTAL: 0 GAL.
~ PRODUCTION LINE: NOT EXIST.
~ FLARING REASON: NO PRODUCTION LINE.

~ N2 ON LOCATION: 9,000 GAL, 24 HOUR USAGE: 4,000 GAL, TOTAL: 6,000 GAL. (6,000 GAL FOR P/T).

LATERAL INFO:

BHA#1 (CLEANOUT):
~ USED DSM (SN#5358691) + USED STRING MILL (SN#5359452)
~ GR @ 31.63 FT, DIRECTIONAL @ 35.14 FT, DPS @ 40.11 FT, ED @ 51.60 FT, NBI @ 22.08 FT, CCL @ 53.91 FT.

BHA#2 (WHIPSTOCK):
~ BOT WHIPSTOCK (SN##109069849-01).
~ GR @ 34.95 FT, DIRECTIONAL @ 38.46 FT, DPS @ 43.43 FT, EDC @ 54.92 FT, NBI @ 25.40 FT, CCL @ 59.93 FT.

BHA#3 (WHIPSTOCK):
~ BOT WHIPSTOCK (SN##109069849-02).
~ GR @ 34.95 FT, DIRECTIONAL @ 38.46 FT, DPS @ 43.43 FT, EDC @ 54.92 FT, NBI @ 25.40 FT, CCL @ 59.93 FT.

CH 4-1/2" BOT WHIPSTOCK INFO:

~ TOW: FT, BOW: FT, WHIPSTOCK (SETTING DEPTH): FT.

VACUUM TRUCK ON HRDH-1851 DRSS# 3000360094 & 3000360096.

~ VAC TRUCKS: 5, LOADS HAULED TODAY: 15, TTL: 357 LOADS.

NEXT LOCATIONS:
~ HRDH-1237: PRE-WO MEETING CONDUCTED ON 8 DEC. NO STRIP OUT REQUIRED, CIVIL WORK 100%, PRODUCTION LINE NOT EXIST.
~ HRDH-1295: PRE-WO MEETING CONDUCTED ON 11 DEC. NO STRIP OUT REQUIRED. CIVIL WORK 80%. PRODUCTION LINE NOT AVAILABLE.
~ HRDH-2483: PRE-WO MEETING CONDUCTED ON 11 DEC. NO STRIP OUT REQUIRED. CIVIL WORK 0%. PRODUCTION LINE NOT AVAILABLE.
~ HRDH-1806: PRE-WO MEETING CONDUCTED ON 11 DEC. NO STRIP OUT REQUIRED. CIVIL WORK 0%. PRODUCTION LINE NOT EXIST.
~ HRDH-2393: PRE-WO MEETING NOT CONDUCTED. STRIP OUT TBD CIVIL WORK 0%. PRODUCTION LINE TBD.
~ HRDH-662: PRE-WO MEETING NOT CONDUCTED. STRIP OUT TBD. CIVIL WORK 0%. PRODUCTION LINE TBD.

~ SAFETY: 1 EA SWA.

~ CONTACTED SECURITY ON 1/26/2026 2:28 PM FOR FLARING & STARTING UNDER-BALANCE OPERATIONS.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	16,771	71.1	233.5	0	14,652	-491.94	-825.91	3,153.93	0.1

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
118	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
32	N/A	N/A	0	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
118	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
32	N/A	N/A	0	/	N/A	N/A	N/A

MUD TREATMENT

CAUST	C-RN477
2 (50LBP)	1 (55GL)

BIT DATA

DRILL STRING

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-2156 WORKOVER-2 BI-60

01/22/2026 - 02/23/2026

أرامكو السعودية
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	Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
MISCELLANEOUS																

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	N/A	NORMAL	ONSHORE	COLD	370	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	BWH	BHI	RIG	RUE	BHO	BHO	RIG	BCT	HUD	OTH	BHO	ARM
Category	CTRG	WPSTK	DPDS	RIG	H2S	IOS	MED	OTHR	PCS	UBD	VAC	WSC	WSC
No. of Persons	27	2	6	11	6	20	1	13	4	15	5	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	0	24	24	24	10	24	24

Total
114

TRUCKS/BOATS

Standby/Tankers
E845

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	440	491	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:45
Report ID: OPERLMTDMRREP

HWYH-1365 WORKOVER-1 BI-60

01/02/2026 - 02/04/2026

BCTD-3 @ HWYH-1365 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: BCTD-3
Well: HWYH-1365
Wellbores: (0-2) HWYH_1365_2

Charge #: (71-25053-1365)
Wellbores: (0-2) HWYH_1365_2

Objective : (RE-ENTER THE PRESET WELL HWYH-1365 BY DRILLING THREE LATERALS ACROSS KHUFF-B RESERVOIR)

Foreman(s) OTAIBI, ABDULAZIZ NAYEF / ALHAJJI AHMED, NIZAR HUSSAIN
Engineer MULHIM, YOUSEF FAHAD / ALHAJRI, BADAH SAUD
Manager OTAIBI, MUKHLED FARAH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11081	577-3979	COIL CAB/ 0135181530

CONTRACTOR /CLERK VSA T: 577-3922

Last 24 hr operations: TURBINE DRILL L-0-2 KHUFF-B1 AS PER GOC

Next 24 hr plan: TURBINE DRILL L-0-2 KHUFF-B1 AS PER GOC

Location: 192 KM FROM DHAHRAN MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,330	9 5/8	9408	9408	4 1/2	9,895	11,347	11,013

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12830	20.5 (01/07/2026@1600)	100	500	192	215

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1200	7	0-2	3 5/8	N	DRLG	DMS	TBINE	BHI	12830	13000			SINGLE PHASE TURBINE DRILL L-0-2 AS PER GOC. ~ PUMP @ 80 GPM, CIRC PRESSURE @ 1,114 PSI, WOB @ 0.90 KLB, RPM @ 762 RPM. ~ BHP @ 2,432 PSI, DIFF PRESSURE @ 1,870 PSI, WHP @ 122 PSI, TCA @ 1,287 PSI. ~ GR @ 6.5 MMSCFD, DHT @ 274 DEG F, H2S @ 3% (30,000 PPM), CO2 @ 2.0%. ~ TREATMENT: D-SULFR @ 2.0 BPH, CAUSTIC @ 0.5 PAIL/HR. ~ PUMP 2 BBLS SWEEP EVERY 1 HR, WT CHECKS AS REQUIRED, RG AT 0.5%. ** INCREASED RG TO 0.5% TO IMPROVE WT TRANSFER.
1200 - 1300	1	0-2	3 5/8	N	DRLG	ST	CTBG	RIG	13000	13000	13000	12650	PERFORM SHORT WIPER TRIP WITH NO ISSUES. (71 KLBS UP/ 50 KLBS DN).
1300 - 0100	12	0-2	3 5/8	N	DRLG	DMS	TBINE	BHI	13000	13300			SINGLE PHASE TURBINE DRILL L-0-2 AS PER GOC. ~ PUMP @ 80 GPM, CIRC PRESSURE @ 1,034 PSI, WOB @ 1.17 KLB, RPM @ 762 RPM. ~ BHP @ 2,367 PSI, DIFF PRESSURE @ 1,908 PSI, WHP @ 123 PSI, TCA @ 1,285 PSI. ~ GR @ 6.5 MMSCFD, DHT @ 277 DEG F, H2S @ 3% (30,000 PPM), CO2 @ 2.0%. ~ TREATMENT: D-SULFR @ 2.0 BPH, CAUSTIC @ 0.5 PAIL/HR. ~ PUMP 2 BBLS SWEEP EVERY 1 HR, WT CHECKS AS REQUIRED, RG AT 0.5%.
0100 - 0330	2.5	0-2	3 5/8	N	DRLG	ST	CTBG	RIG	13300	13300	13300	12300	PERFORM LONG WIPER TRIP WITH NO ISSUES. (70 KLBS UP/ 48 KLBS DN).
0330 - 0459	1.5	0-2	3 5/8	N	DRLG	DMS	TBINE	BHI	13300	13330			SINGLE PHASE TURBINE DRILL L-0-2 AS PER GOC. ~ PUMP @ 80 GPM, CIRC PRESSURE @ 1,114 PSI, WOB @ 0.90 KLB, RPM @ 762 RPM. ~ BHP @ 2,332 PSI, DIFF PRESSURE @ 1,870 PSI, WHP @ 122 PSI, TCA @ 1,287 PSI. ~ GR @ 6.5 MMSCFD, DHT @ 274 DEG F, H2S @ 3% (30,000 PPM), CO2 @ 2.0%. ~ TREATMENT: D-SULFR @ 2.0 BPH, CAUSTIC @ 0.5 PAIL/HR. ~ PUMP 2 BBLS SWEEP EVERY 1 HR, WT CHECKS AS REQUIRED, RG AT 0.5%. ** LAST INSTRUCTION FROM GOC TO STAY AT 2' ABOVE & PARALLEL THE PLAN.

Workover Objectives

Foreman Remarks

SGA#1: 1.0 KM NW.
SGA#2: 1.0 KM E.

~ ELEVATIONS: ODF ADC-55L DF 35 FT, BCTD-3 DF 37.99 FT, CORRECTION: - 2.99 FT.

COIL STRING #41196-1 WL (TENARIS 0.204" HT-110 MONOBORE):
~ COIL LENGTH = 17,653 FT, E-LINE LENGTH = 18,048 FT, SLACK = 2.24%. VOL: 64 BBLS, HIGHEST FATIGUE PT: 30.8% @ 12,101 FT.
~ TTL DRILLED FOOTAGE: 28,480 FT; DAILY RUN FOOTAGE: 1,636 FT; ACCUM RUNNING FOOTAGE: 535,615 FT.
~ TRIPS F/ LAST SLACK MGT: 8.

GENERAL WELL INFO:
~ GAS: DAILY FLARED @ 6.62 MMSCF (TTL: 67,25 MMSCF), DAILY EXPORTED: 0 MMSCF (TTL: 0 MMSCF).
~ CONDI: DAILY PRODUCED: 0 BBLS (TTL: 0 BBLS), DAILY BURNED: 0 BBL (TTL BURNED: BBLS), DAILY EXPORTED: 0 BBLS (TTL: 0 BBLS).
~ H2S @ 3%, CO2 @ 2%.
~ PRODUCTION LINE: NOT READY TO BE USED, CTD NOT CONNECTED.
~ REASON FOR NOT EXPORTING: OPTF NEEDS REVALIDATION & HYDROTEST.
~ CRW9133SA CORROSION INHIBITOR: DAILY PUMPED: 0 GAL. (TTL PUMPED: 0 GAL.).
~ N2 ONSITE: 16,000 GAL; DAILY USED: 0 GAL; TOTAL N2 USED IN WELL: 63,000 GAL (6,000 GAL FOR P/T & CALBR.).
~ AV IN 4-1/2" TBG @ 650 FPM, CTR @ 0.92; AV IN OH @ 345 FPM, CTR @ 0.87.

LIMITED MORNING REPORT

HWYH-1365 WORKOVER-1 BI-60

01/02/2026 - 02/04/2026

BHA#5 (TURBINE / USMPR):
~ RR HTC PDC (SN: 7919811) AND CONG#14 TURBINE 1.25 AKO (SN : TTK-049).
- GR @ 51.17 FT, D+I @ 54.68 FT, DPS @ 59.65 FT, ED @ 71.14 FT, NBI @ 28.77 FT, CCL @ 73.45 FT, USMPR @ 41.17 FT.

LATERAL INFO:
~ L-0 (KFB1) @ DEG 54 AZM: 2,311 FT.
~ L-0-1 (KFB1) @ DEG 50 AZM: 2,287 FT.
~ L-0-2 (KFB1) @ DEG 104 AZM: 1,895 FT.

SERVICE SUPPORT: EQUIPMENT/PERSONNEL FOR JANUARY 2026:
~ DRSS#3000366101 (MOBILE SUPPORT) PLATE#: (2038,9729,7823,8594).
~ DRSS#3000366609 (MOBILE SUPPORT) PLATE#: (8460,8019,3539,4595).
~ VACUUM TRUCKS: 8, DAILY LOADS: 8, TOTAL: 188 LOADS.

~ DRILLS: NONE.

~ ARAMCO FCT ALMUKHTAR, KADHEM A #831909 ON LOCATION SINCE 01/26/2026.

NEXT LOCATIONS:
~ 1ST WELL: HWYH-1362: PRE-WORKOVER MEETING CONDUCTED ON 08/28/2025. CIVIL WORKS: 100%, STRIP OUT: STRIP OUT NOT REQUIRED. PRODUCTION LINE STATUS: NEED MCC AND ADDITIONAL STRIP OUT FOR OPTF.
~ 2ND WELL: HWYH-1126 (WS): PRE-WORKOVER MEETING CONDUCTED ON 04/20/2025. CIVIL WORKS: 80%, STRIP OUT: STRIP OUT NOT REQUIRED. PRODUCTION LINE STATUS: NO OPTF.
~ 3RD WELL: HWYH-204: PRE-WORKOVER MEETING CONDUCTED ON 01/26/2026. CIVIL WORKS: 0%, STRIP OUT: STRIP OUT NOT REQUIRED. PRODUCTION LINE STATUS: NEED MCC AND ADDITIONAL STRIP OUT FOR OPTF.
~ 4TH WELL: HWYH-1085: PRE-WORKOVER MEETING CONDUCTED ON 01/26/2026. CIVIL WORKS: 0%, STRIP OUT: STRIP OUT NOT REQUIRED. PRODUCTION LINE STATUS: NEED MCC AND ADDITIONAL STRIP OUT FOR OPTF.
~ 5TH WELL: HWYH-1069: PRE-WORKOVER MEETING CONDUCTED ON 01/26/2026. CIVIL WORKS: 0%, STRIP OUT: STRIP OUT NOT REQUIRED. PRODUCTION LINE STATUS: NEED MCC AND ADDITIONAL STRIP OUT FOR OPTF.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-2	12,840	94.29	115.92	30	11,111	-101.39	726.02	2,405.08	4.02
0-2	12,871	92.06	114.21	31	11,109	-105.39	734.57	2,434.68	9.05
0-2	12,900	92.04	108.66	29	11,108	-108.62	742.79	2,462.88	19.13
0-2	12,931	90.89	104.11	31	11,107	-111.28	751.85	2,493.56	15.12
0-2	12,961	92.84	99.48	30	11,106	-113.14	760.79	2,523.48	16.74
0-2	12,990	92.87	94.94	29	11,105	-114.25	769.55	2,552.43	15.62
0-2	13,020	93.14	97.67	30	11,103	-115.26	778.62	2,582.37	9.13
0-2	13,050	92.22	101.2	30	11,102	-116.75	787.63	2,612.32	12.13
0-2	13,080	91.76	105.17	30	11,101	-118.84	796.53	2,642.2	13.32
0-2	13,110	90.28	108.79	30	11,100	-121.5	805.27	2,671.86	13.04
0-2	13,141	90.09	111.73	31	11,100	-124.78	814.13	2,702.22	9.51
0-2	13,170	90.98	113.03	29	11,100	-128.14	822.3	2,730.41	5.43
0-2	13,200	89.94	107.54	30	11,100	-131.31	830.88	2,759.81	18.63
0-2	13,230	88.21	102.18	30	11,100	-133.65	839.71	2,789.64	18.77
0-2	13,260	90.8	97.51	30	11,100	-135.22	848.72	2,819.62	17.8
0-2	13,290	89.42	92.6	30	11,100	-136.02	857.82	2,849.54	16.99

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	10	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	N/A	N/A	0	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	10	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	N/A	N/A	0	/	N/A	N/A	N/A

MUD TREATMENT

CAUST	RADIAGREEN	D-SULFR	CAOH2	DUOVIS-NS
15 (50LBP)	8 (55GL)	48 (55GL)	4 (25KG)	1 (25KG)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
11RR	11,435	13,330	DP Av	DC Av	Bit HHP	N/A	N/A	M243	3.625	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	80	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
7919811	P205Y	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	140	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs

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LIMITED MORNING REPORT

HWYH-1365 WORKOVER-1 BI-60

01/02/2026 - 02/04/2026

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Mud Motor Seria | Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Coil Tubing	RIG	2.375	1	2.375	2.05	17,653	17,739.54	2 3/8 PAC	2 3/8 PAC	1	18,204.896			41196-1 WL
13	Coil Tubing Connector	BHO	3.13	1	3.125	1	0.98	86.54	CDP	CDP	1	551.896			16773225
12	Upper Quick Connect & Flow Sub	BHI	3	1	2.375	1	3.2	85.56	2 3/8 PAC	2 3/8 PAC	1	550.916			16143221
11	Lower Quick Connect	BHI	3	1	3	1	1.72	82.36	2 3/8 CDP	2 3/8 CDP	1	547.716			16187197
10	Dual Ball Valve Sub	BHI	3	1	2.375	1	2.4	80.64	2 3/8 PAC	2 3/8 PAC	1	545.996			16183497
9	Power & Communication Sub	BHI	3	1	3	1	6.5	78.24	2 3/8 CDP	2 3/8 CDP	1	543.596			15096095
8	Electronic Disconnect & Circulating Sub	BHI	3	1			8.27	71.74			1	537.096			16757197
7	Drilling Performance Sub	BHI	3	1	3	1	5.02	63.47	2 3/8 CDP	2 3/8 CDP	1	528.826			15116935
6	Gamma Sub	BHI	3	1	3	1	9.12	58.45	2 3/8 CDP	2 3/8 CDP	1	523.806			16237589
5	Logging While Drilling (LWD)	BHI	3.125	1	3.125		12.85	49.33			15.59	514.686			14566672
4	Hydaulic Power Controller	BHI	3	1	3	1	12.6	36.48	2 3/8 PAC	CDP	1	314.355			15864032
3	Float Sub	BHI	3	1	3	1	2.17	23.88	2 3/8 CDP	2 3/8 CDP	1	301.755			13832450
2	Turbine	BHI	2.875	1	2.875	1	20.95	21.71	2 3/8 PAC	2 3/8 PAC	14.3	299.585			TTK049
1	Bit	HTC	3.625	1	3.625		0.76	0.76				0			7919811

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	TWICE A WEEK	NORMAL	ONSHORE	SEASONAL	606	PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	OTH	BHO	BHI	RUE	BHO	BHO	SGR	ARN	ARM	BCT	BHO	OTH	ARM
Category	CTRG	COIL	DPDS	H2S	IOS	MED	MLS	OTHR	OTHR	PCS	UBD	VAC	WSC
No. of Persons	27	15	5	6	15	1	2	2	1	8	16	8	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	12	12	24	24	0	24

Total 108

TRUCKS/BOATS

Standby/Tankers	Others	Others
AB-6926	CREW BUS	RIG AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	414	509	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

GHZL-116 WORKOVER-1 BI-60

01/16/2026 - 02/18/2026

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BCTD-4 @ GHZL-116 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: BCTD-4
Well: GHZL-116
Wellbores: (0) GHZL_116_0

Charge #: (71-25075-0116)
Wellbores: (0) GHZL_116_0

Objective : (RE-ENTER & DRILL 3 LATERALS ACROSS THE UNZA RESERVOIR)

Foreman(s) DAHLBERG, DANIEL LEE
Engineer MALAEKAH, ALI ABDULHADI
Manager ALDOSARI, ABDULRAHMAN MUTLAQ

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12530	0135773906	0135105566

CONTRACTOR /CLERK VSA T: 0138756424

Last 24 hr operations: DEPLOY & RIH WITH BHA #5, 2-PHASE TURBINE DRILL L 0-EXT. AS PER GOC.

Next 24 hr plan: 2-PHASE TURBINE DRILL L 0-EXT. AS PER GOC.

Location: 317 KM FROM DH MAIN GATE.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,940	9 5/8	3580	3580	4 1/2	11,445	13,438	13,185

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13837	5.5 (01/22/2026@1800)	100	103	317	317

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	3 5/8	N	DRLG	HT	BHA	RIG	13837	13837			PJSM: DEPLOY TURBINE LATERAL DRILLING BHA #5 (APP). ~ BHI MU & TEST BHA. ~ LOAD TURBINE BHA IN LUBRICATOR. ~ RAISE INJECTOR & LUBRICATOR, STAB & TEST INSITU. ~ EQUALIZE TO WHP & OPEN T6, SIWHP 2,250 PSI.
0600 - 1200	6	0	3 5/8	N	DRLG	TI	CTBG	RIG	13837	13837	0	13837	PJSM: SET DEPTH, RIH WITH TURBINE/USMPR DRILLING BHA #5 ~ OPEN WELL TO FLARE FROM 1,000 FT, PR 10 GPM. ~ AT 9,000 FT INCREASE PR TO 30 GPM AND N2 300 SCFM. ~ AT 12,200 FT INCREASE PR 42 GPM. ~ PERFORM GR CORRELATION FROM 13,120 TO 13,154 FT. (+111 FT. CORRECTION). ~ WT CHECK AT 13,400 FT 85/73 KLBS. ~ INCREASE PR TO 68 GPM AND N2 600 SCFM. ~ RELOG LAST 100 FT. AS PER GOC.
1200 - 1930	7.5	0	3 5/8	N	DRLG	DMS	TBINE	BHI	13837	13892			2- PHASE TURBINE DRILL UNZA L 0-EXT AS PER GOC. ~ PR: 68 GPM, N2: 600 SCFM, ELV: 90 GPM, CP: 1,835 PSI, DIFF PRESS: 1,650 PSI, RPM: 1,391. ~ FWHP: 95 PSI, TCA: 195 PSI, FBHP: 2,475 PSI, DH TEMP: 242 DEG F. ~ GR: 4.0 MMSCF, H2S: 0%, CO2: 1.5%, CHLORIDES: 1,000 MG/L. ~ RG: 0.33%, CLAYWEB: 0.2% ~ WT. CHECKS & HVS AS REQ'D. * DIFF. PRESSURE GRADUALLY INCREASING UP TO 2,000 PSI.
1930 - 2100	1.5	0	3 5/8	N	DRLG	ST	CTBG	RIG	13892	13892	13892	13440	PJSM: PERFORM WIPER TRIP TO SHOE DEPTH. ~ WELBORE IN GOOD CONDITION. ~ PU/SO WT: 86/73 KLBS. * DIFFERENTIAL GRADUALLY DECREASED TO NORMAL.
2100 - 0459	8	0	3 5/8	N	DRLG	DMS	TBINE	BHI	13892	13940			2- PHASE TURBINE DRILL UNZA L 0-EXT AS PER GOC. ~ PR: 68 GPM, N2: 600 SCFM, ELV: 90 GPM, CP: 1,795 PSI, DIFF PRESS: 1,600 PSI, RPM: 1,396. ~ FWHP: 90 PSI, TCA: 170 PSI, FBHP: 2,480 PSI, DH TEMP: 245 DEG F. ~ GR: 3.5 MMSCF, H2S: 0%, CO2: 1.5%, CHLORIDES: 1,000 MG/L. ~ RG: 0.33%, CLAYWEB: 0.2% ~ WT. CHECKS & HVS AS REQ'D.

Workover Objectives

Foreman Remarks

~ ELEVATIONS: ODF (PA-326S) 35 FT, BCTD-4 INSITU-SUB: 30.75 FT (CORRECTION: 4.25 FT).
~ SGA #1 700 M E & SGA #2 700 M W.

TENARIS COIL 41277-1 WL (MONOBORE 0.204" HT-110 GRADE), LENGTH: 17,720 FT, E-LINE LENGTH: 18,122 FT.
~ MAX FATIGUE: 28.6% AT 14,835 FT, SLACK: 2.27%, CT CAP: 68 BBL.
~ DRILL FOOTAGE: 4,196 FT, DAILY CT RUNNING FOOTAGE: 14,965 FT, TOTAL RUNNING FOOTAGE: 431,241 FT.
~ TRIPS SINCE LAST SLACK MANAGEMENT: 6

5:00 AM
~ GAS RATE: 3.5 MMSCF.
~ FLARED GAS : 3.5 MMSCF, (TTL: 8.5 MMSCF).

LIMITED MORNING REPORT

GHZL-116 WORKOVER-1 BI-60

01/16/2026 - 02/18/2026

~ EXPORTED GAS: 0 MMSCFD (TTL: 0 MMSCF).
~ CONDENSATE : PAST 24 HRS: 63 BBLS (TTL: 63 BBLS).
~ CONDENSATE EXPORTED: 0 BBLS TTL: 0 BBLS).
~ CHLORIDE AT 1,000 PPM.
~ CLAY-WEB DAILY USAGE: 0 GAL, TOTAL: 185 GAL.
~ N2 ON LOCATION: 18,200 GAL. 24 HOUR USAGE 8,600 GAL (TTL: 29,800 GAL).
~ PRODUCTION MANIFOLD & FLOW LINE AVAILABLE.
~ RECEIVED MCC & HYDRO TEST FOR EXPORT LINE.
~ EXPORT LINE PRESSURE: 150 PSI.

LATERAL FOOTAGE:
~ LAT L 0-EXT. (UNZA) AT 269 DEG AZI: 499 FT.

NEXT WELLS:

* GHZL-111 CIVIL WORK 40%
~ SITE VISIT: 01/24/2026 (PRE-WORKOVER MEETING HELD 12/9/2025).
~ RECEIVED MCC & HYDRO TEST FOR EXPORT LINE.
** GHZL-35 CIVIL WORK 100%
~ SITE VISIT: 01/16/2026
~ EXPORT LINE: NOT AVAILABLE.
* GHZL-48 CIVIL WORK 0%
~ SITE VISIT: 12/6/2025

BHA #5 (TURBINE LATERAL BHA)
~ BAKER P205Y PDC (SN: 7919879) & 1.125 DEG AKO TTK TURBINE SN: TTK024)
~ BIT TO: GR: 38.29', D+I: 41.80', DPS: 46.77', ED: 58.26', NBI: 28.74", CCL: 60.57"

SAFETY DRILLS: H2S MUSTER DRILL WITH PM CREW.

CLOSED LOOP IMPLEMENTATION: SLB SOLIDS FILTRATION AND WATER RECYCLING.
TSS IN RECYCLED WATER - 0.05%
RETORT RESULTS OIL/WATER/SOLIDS - 1%/ 99% /2%
DAILY WATER TREATED : 1,706 BBLS, TOTAL TREATED - 7.871 BBLS

CONTACTED SECURITY ON 1/24/2026 AT 14:00 FOR FLARING AND STARTING UNDER-BALANCE OPERATIONS.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	N/A	N/A	0	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	N/A	N/A	0	/	N/A	N/A	N/A

MUD TREATMENT

RADIAGREEN	CAUST	C-RN477	DUOVIS-NS
1 (55GL)	2 (50LBP)	1 (55GL)	1 (25KG)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
13	13,837	13,940	DP Av	DC Av	Bit HHP	1	1,396	M243	3.625	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,795	90	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
7919879	P205Y	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	23	N/A	86	73	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Coil Tubing	BHO	2.375	1	2.375	2.05	17,720	17,791.26	2 3/8 PAC	2 3/8 PAC	4.75	85,634.4			41277-1
11	Coil Tubing Connector	BHO	3.125	1	3	1	0.98	71.26	2 3/8 PAC	2 3/8 PAC	5	1,464.4			16375445
10	Upper Quick Connect & Flow Sub	BHI	3	1	3	1	3.2	70.28	CDP	2 3/8 PAC	21	1,459.5			13684924
9	Lower Quick Connect	BHI	3	1	3	1	1.72	67.08	2 3/8 CDP	2 3/8 CDP	21	1,392.3			15405716
8	Power & Communication Sub	BHI	3	1	3	1	6.5	65.36	2 3/8 CDP	2 3/8 CDP	21	1,356.18			16528296

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LIMITED MORNING REPORT

GHZL-116 WORKOVER-1 BI-60

01/16/2026 - 02/18/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
7	Electronic Disconnect & Circulating Sub	BHI	3	1			8.27	58.86			21	1,219.68			16695776
6	Drilling Performance Sub	BHI	3	1	3	1	5.02	50.59	2 3/8 CDP	2 3/8 CDP	21	1,046.01			16015020
5	Gamma Sub	BHI	3	1	3	1	9.12	45.57	2 3/8 CDP	2 3/8 CDP	21	940.59			15587460
4	Hydaulic Power Controller	BHI	3	1	3	1	12.6	36.45	2 3/8 PAC	CDP	21	749.07			16290751
3	Float Sub	BHI	3	1	3	1	2.17	23.85	2 3/8 PAC	2 3/8 PAC	21	484.47			16640310
2	Turbine	TBT	2.875	1	2.875	2.12	20.9	21.68	2 3/8 REG	2 3/8 PAC	21	438.9			TTK024
1	Bit	HTC	3.625	1			0.78	0.78				0			7919879

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	N/A	N/A	SEASONAL	1,159	PRE-TOUR & AS REQUIRED.

PERSONNEL AND SERVICES INFORMATION

Company	OTH	BHI	RIG	MIF	RUE	BHO	BHO	HMS	RIG	BCT	BHO	OTH	BHO	ARM
Category	CTRG	DPDS	RIG	FILT	H2S	IOS	MED	MLS	OTHR	PCS	UBD	VAC	WSC	WSC
No. of Persons	22	6	10	6	7	14	1	2	7	8	20	4	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	24	24	24	12	24	24

Total
110

TRUCKS/BOATS

Standby/Tankers
F063

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2000	436	676	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

SDGM-1039 WORKOVER-2 BI-60

01/18/2026 - 02/19/2026

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BCTD-5 @ SDGM-1039 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: BCTD-5
Well: SDGM-1039
Wellbores: (0-1) SDGM_1039_1

Charge #: (71-25054-1039)
Wellbores: (0-1) SDGM_1039_1

Objective : (DRILL THREE LATERALS ACROSS KHUFF-B RES)

Foreman(s) AYDOGAN, ALIEKBAR
Engineer MULHEM, ABDULLAH FAHAD
Manager JALLAL, FAISAL ALI

THURAYA: +88216777 14151
RIG FORMAN VSAT: 0135761003
CONTRACTOR /CLERK VSA T: 0135120643 (WSTL)
CONTRACTOR /CLERK VSA T: 0135762294 (CLERK)

Last 24 hr operations: POOH TO SWAP TO MOTOR BHA. UNDEPLOY BHA#2. DEPLOY MOTOR BHA#3. RIH. MOTOR DRILL L-0-1-EXT AS PER GOC

Next 24 hr plan: MOTOR DRILL L-0-1-EXT AS PER GOC

Location: 6 KM NE OF SCF. 59 KM F/ UMG, 99 KM F/ DMG.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,342	9 5/8	10481	10423	4 1/2	11,344	12,696	12,316

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13209	4.7 (01/23/2026@1300)	100	133	99	99

Formation Tops

Formations	Top Depth	Comments
KFB1	12,873	12.365 FT TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0900	4	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	13209	13209	13209	0	POOH TURBINE BHA#4 TO SURFACE TO SWAP TO MOTOR BHA. TAG STRIPPER. SIWHP 0 PSI. ~ ARGUS ON. ~ AT 12,696 FT PASS SHOE SMOOTH WITH 84 GPM ~ AT 11,700 FT STAGE PR TO 72 GPM ~ AT 9,000 FT DROP PR TO 63 GPM ~ AT 1,000 FT DROP PR TO 10 GPM ~ @ 06:00 AM SWAP AND INSPECT JC/DC: 9 KG OF SOFT DRILLED CUTTINGS : TOTAL : 190 KG
0900 - 1030	1.5	0-1	3 5/8	N	DRLG	HT	BHA	RIG	13209	13209			UNDEPLOY BHA#2 APP, SIWHP: 0 PSI ~ L/D BHA#2 ~ INSPECT 20 FT COIL. MIN THICKNESS/ACCEPTABLE: 0.198/0.174" ~ DULL GRADING: 1-2-CT-G-X-1-WT-BHA. TTL FTG/HRS ON BIT: 546 FT / 51 HR. ~ LYNCHPIN INSPECT UPPER AND LOWER STRIPPER ~ INSPECT/CLEAN STRIPPER ASSY & GRIPPER BLOCKS.
1030 - 1200	1.5	0-1	3 5/8	N	DRLG	HT	BHA	RIG	13209	13209			HPJSM/PTW, DEPLOY MOTOR BHA#3. ~ HTC BIT (S/N: 7920019) ON 1.2 DEG AKO MOTOR ~ SIWHP: 0 PSI
1200 - 1630	4.5	0-1	3 5/8	N	DRLG	TI	CTBG	RIG	13209	13209	0	13209	RESET DEPTH AND RIH LAT MOTOR BHA#3. ~ ARGUS ON. ~ OPEN WELL AT SFC, SIWHP: 0 PSI. ~ PUMP INT INHIBITOR ~ @ 9000 FT. PR: 20 GPM. ~ WEIGHT AND TOOL CHECK EVERY 3,000 FT. ~ AT 11,700 FT INC PR TO 42 GPM ~ GR CORR F/ 12,200 FT T/ 12,241 FT AT 3 FPM. CORR: +99 FT ~ AT 12,650 FT INC PR TO 80 GPM. PASS SHOE SMOOTH ~ AT 12,750 FT INC PR TO 84 GPM ~ WT CHECK AT 13,100 FT. PU/SO: 64/51 KLBS ~ RE-LOG LAST 100 FT AS PER GOC
1630 - 0459	12.5	0-1	3 5/8	N	DRLG	DMS	MMOT	BHI	13209	13342			MOTOR DRILL L-0-1-EXT AS PER GOC ~ PR: 100 GPM, N2: 0 SCFM, ELV: 100 GPM, BIT RPM: 165, CIRC P: 2,949 PSI, DIFF P: 529 PSI, WOB: 0.5-2.5 KIPS. ~ FWHP: 5 PSI, FBHP: 5,465 PSI, TCA: 0 PSI, DHT: 285 DEG F. ~ GR: 0 MMSCFD, H2S: 0 %, CO2: 0 %. ~ H2S TREAT: 0 BPH, CAUSTIC SODA: 0 PAIL/HR. ~ SWEEP: 2-3 BPH. RADIA GREEN: 0.15%. ~ WEIGHT CHECK AS REQUIRED. ~ GRADUALLY INC PR TO 100 GPM ~ @ 02:10 AM OPEN AND INSPECT JC: 3 KG OF SOFT DRILLED CUTTINGS: TOTAL : 193 KG

Workover Objectives

Foreman Remarks

LIMITED MORNING REPORT

SDGM-1039 WORKOVER-2 BI-60

01/18/2026 - 02/19/2026

~ SGA#1: 1.5 KM E, SGA#2: 1.5 KM SW.

~ ELEVATIONS: ORKB 32 FT, BCTD-5 DF 122.85 FT, CORR: -90.85 FT

COIL STRING #41276-1WL (TENARIS 0.204" WTL - HT110 MONOBORE)
~ COIL LENGTH: 17,499 FT, E-LINE (CAMESA) LENGTH: 17,860 FT, SLACK 2.06%, VOL: 63 BBLS, MAX FATIGUE: 25.4%, 14,030 FT
~ TTL DRILLED FTG: 14,443 FT, DAILY RUN FTG: 13,490 FT, CUMM RUNNING FTG: 326,290 FT
~ TRIPS SINCE LAST SLACK MANAGEMENT: 5
~ CT REEL SWAP COMPLETED ON 10/30/2025

GENERAL WELL INFO:
~ GAS DAILY PRODUCED: 0.0 MMSCF (TTL: 0.0 MMSCF)
~ GAS DAILY FLARED: 0.0 MMSCF (TTL: 0.0 MMSCF)
~ GAS DAILY EXPORTED: 0.0 MMSCF (TTL: 0.0 MMSCF)
~ CONDI DAILY PRODUCED: 0.0 BBLS (TTL: 0.0 BBLS)
~ CONDI DAILY BURNED: 0.0 BBLS (TTL: 0.0 BBLS)
~ CONDI DAILY EXPORTED: 0.0 BBLS (TTL: 0.0 BBLS)
~ H2S: 0.0%, CO2: 0.0%.
~ PRODUCTION LINE: REVALIDATION REQ`D, NO TIE-IN PLANNED.
~ FLARING REASON: OPTF LOCATED IN WEST WING, TIE-IN NOT POSSIBLE.
~ CORR INH: DAILY/TOTAL PUMPED: 0/0 GAL, NO EXPORT.
~ CLA-WEB: DAILY/TOTAL MIXED: 0/0 GAL.

~ N2 ON LOC: 25,000 GAL, DAILY/TOTAL N2 PUMPED: 0,0/7,000 GAL (7,000 GAL FOR P/T)

~ AV IN OH: 344 FPM, CTR: 0.88 / AV IN 4-1/2": 263 FPM, CTR: 0.84

BHA#3 (TRBN BHA)
~ HTC BIT (S/N: 7920019), 1.20 DEG AKO MOTOR
~ NBI: 21.00 FT, GR: 30.55 FT, DIR: 34.06 FT, DPS: 39.03 FT, EDC: 51.31 FT, CCL: 52.83 FT

LATERAL INFO:
~ L-0-1 EXT KFB: 90 DEG INC - 270 DEG AZM: 643 FT

SERVICE SUPPORT
~ DRSS# 3000370943/3000370947/300037376/33000375332
~ VACUUM TRUCKS: 16, LOADS HAULED DAILY/TOTAL: 16/596

NEXT LOCATIONS:
~ SDGM-1334: W5 NOT ISSUED, PRE-WO MTNG NOT CONDUCTED. LAST SURVEYED ON 27 JAN. LOC 70% READY.
~ SDGM-1156: W5 ISSUED. PRE-WO MTNG CONDUCTED, LAST SURVEYED ON 05 JAN. P/L NOT AVAILABLE. FULL CIVIL WORK REQ`D, LOC 90% READY. CANCELLED DUE TO EXP HIGH H2S CONC.
~ SDGM-1315: W5 ISSUED. PRE-WO MTNG CONDUCTED, LAST SURVEYED ON 03 JAN. FULL CIVIL WORK REQ`D. P/L UNDER CONSTRUCTION, NOT MCC`D.
~ SDGM-1041: W5 ISSUED. PRE-WO MTNG CONDUCTED, LAST SURVEYED ON 27 JAN. FULL CIVIL WORK AND STRIPOUT REQ`D, ALL PARTIES BEEN INFORMED FOR REQ`D WORKS.STRIP OUT ONGOING
~ UTMN-3146: W5 NOT ISSUED.
~ HRDH-2554: W5 NOT ISSUED, PRE-WO MTNG NOT CONDUCTED. LAST SURVEYED ON 10 JAN. P/L AVAILABLE. FULL CIVIL WORK REQ`D, LOC 40% READY.
~ HRDH-2731: W5 NOT ISSUED, PRE-WO MTNG NOT CONDUCTED. LAST SURVEYED ON 10 JAN. P/L AVAILABLE. FULL CIVIL WORK REQ`D, LOC 30% READY. POWERLINE RUNNING ON CAMP PAD.

~ DRILLS:
~ ARM SEC BEEN INFORMED ABOUT FLARING BY 19 JAN 2026.

~ ARM MAT EXPEDITOR KHALIFA A. ALQATEEFI, #8096630 ON LOCATION SINCE 8 JAN 2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
180	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	N/A	N/A	0	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
180	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	N/A	N/A	0	/	N/A	N/A	N/A

MUD TREATMENT

RADIAGREEN	CAUST	C-RN477
3 (55GL)	2 (50LBP)	1 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
22	13,209	13,342	DP Av	DC Av	Bit HHP	1	188	M233	3.625	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,000	100	N/A				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							

LIMITED MORNING REPORT

SDGM-1039 WORKOVER-2 BI-60

01/18/2026 - 02/19/2026

	7920019	DD205X	POOH Reas	N/A			
	Gauge	Other					
	N/A						

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	24	N/A	66	50	0	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Coil Tubing	BHO	2.375	1	2.375	2.05	1	64.3	2 3/8 PAC	2 3/8 PAC	1	1,070.844			41188-1
12	Coil Tubing Connector	BHO	3.125	1	3	1	0.98	63.3	2 3/8 PAC	2 3/8 PAC	21	1,069.844			16275414
11	Upper Quick Connect & Flow Sub	BHI	3	1	3	1	3.2	62.32	CDP	2 3/8 PAC	21.4	1,049.264			16087797
10	Lower Quick Connect	BHI	3	1	3	1	1.72	59.12	CDP	CDP	21	980.784			15021188
9	Power & Communication Sub	BHI	3	1	3	1	6.5	57.4	CDP	CDP	21.4	944.664			15621194
8	Electronic Disconnect & Circulating Sub	BHI	3	1	3	1	8.27	50.9	CDP	CDP	21	805.564			16114457
7	Drilling Performance Sub	BHI	3	1	3	1	5.02	42.63	CDP	CDP	21.4	631.894			15618383
6	Gamma Sub	BHI	3	1	3	1	9.12	37.61	2 3/8 CDP	2 3/8 CDP	21.4	524.466			16260412
5	Hydaulic Power Controller	BHI	3	1	3	1	12.6	28.49	CDP	2 3/8 PAC	21.4	329.298			16708982
4	Float Sub	BHI	3	1	3	1	2.17	15.89	2 3/8 PAC	2 3/8 PAC	21.4	59.658			14621482
3	Crossover	BHI	3.125	1	3.125	1.25	0.66	13.72	NC26	2 3/8 PAC	1	13.22			15936751
2	Mud Motor	BHI	2.875	1	2.875		12.56	13.06			1	12.56			16290695
1	Bit	HTC		1	3.625		0.5	0.5				0			7920019

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	01/23/2026	HIGH AND GUSTS	NA	SEASONAL	1,057	PRE-TOUR AND AS REQ`D

PERSONNEL AND SERVICES INFORMATION

Company	OTH	BHI	RIG	RUE	BHO	BHO	RIG	ARM	BCT	HUD	OTH	ARM
Category	CTRG	DPDS	RIG	H2S	IOS	MED	OTHR	OTHR	PCS	UBD	VAC	WSC
No. of Persons	21	4	8	6	19	2	7	3	7	15	16	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	24	24	10	24

Total
109

TRUCKS/BOATS

Standby/Tankers
E938. Pm due by 03/06.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	509	607	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

01/26/2026 - 02/10/2026

أرامكو السعودية
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BOR-3 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig BOR-3 Well *RIG MAINTENANCE* Wellbores:	Charge #: () Wellbores:	Objective : (BOR-3 RIG MAINTENANCE)	Foreman(s) MOHAMMED, HOSSAMALDEEN OSAMAH / WILLIAMSON, AILAN COLE Engineer HARBI, MAJED ALI / ALYOUSIF, ABDULLAH ALI / ALSHOOQ, ABDULLAH HANI Manager RAJHI, MOHAMMAD ALI THURAYA +882167771 4195 | RIG FORMAN VSAT 013-678984 1 | OTHER VSAT RADIO ROOM : 013-6785 521 CONTRACTOR /CLERK VSA T 013-678128 5

Last 24 hr operations	Next 24 hr plan
RIG MAINTENANCE	RIG MAINTENANCE

Location	Next Location
BRRI 46-51 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					RIG MAINTENANCE: - PERFORM 3-YEAR PCE CHANGE OUT ON 13-5/8" BOP AND CHOKE/KILL MANIFOLD. * CHOKE MANIFOLD CHANGE OUT: - DISASSEMBLY100% - ASSEMBLY 85% - TESTING 0% * BOP LOOPS CHANGE OUT: - DISASSEMBLY 100% - ASSEMBLY 80% - TESTING 0% *BOP/ANNULAR CHANGE OUT: -DISASSEMBLY 100% - ASSEMBLY 60% - TESTING 0% * COFLEX HOSES: - DISASSEMBLY 0% - ASSEMBLY 0% - TESTING 0% * BOPE HARD LINES: - INSPECTION 100% - TESTING 0% * IRON ROUGHNECK: - REBUILD AND TESTING 50%

Foreman Remarks

==========
* RIG HEADING 176 DEG
* AIR GAP (LAT) = 61 FT
* WATER DEPTH= 120 FT
* RKB TO MSL= 135.5 FT
* ORKB TO THS = 26 FT
* ODF CORRECTION: -77 FT
* RKB TO ML= 255 FT
* RKB TO PLATFORM DECK= 79 FT (UPPER DECK)
* FINAL LEG PENETRATION: BOW LEG: 41.0 FT | STBD LEG : 41.3 FT | PORT LEG : 34.2 FT
==========BRRI 46-51 PF SEQUENCE==========
BRRI-50 - COMPLETED (SUSPENDED FOR FLOWBACK)
BRRI-49 - RE-ENTRY (SUSPENDED FOR FLOWBACK)
BRRI-47 - RE-ENTRY.
BRRI-46 - RE-ENTRY.
BRRI-51 - WORKOVER.
BRRI-48 - RE-ENTRY (TENTATIVE)
==========
ALL DEPTHS IN MORNING REPORT ARE REPORTED IN ODF
==========HSE & DRILLS==========
** HSE ALERTS REVIEWED WITH CREWS: 08-26 - ROUSTABOUT ANKLE TWISTED, 09-26 - TRUCK ROLLOVER, 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
** HELD SECONDARY DRILL ON: 26 DEC 25
** HELD H2S DRILL ON 23 JAN 26.
** HELD FIRE DRILL ON 09 JAN 26.
** HELD ABANDON SHIP DRILL ON 23 JAN 26.
** HELD MAN DOWN DRILL ON 3 DEC 25.

LIMITED MORNING REPORT

MAINTENANCE BI-RM

01/26/2026 - 02/10/2026

** HELD H2S RESCUE DRILL ON 27 NOV 25.
** HELD MAN OVERBOARD ON 3 DEC 25.
** HELD RESCUE AT HEIGHTS DRILL ON 28 OCT 25.
** HELD CONFINED SPACE DRILL ON 26 NOV 25.
** WELL CONTROL DRILLS (PIT DRILL, TRIP DRILL) DAILY.
** OIL SPILL EQUIPMENT DRILL: 13 OCT 25.
** WEEKLY HSE CAMPAIGN (TOPIC): WK 05 - LINE OF FIRE AND SITUATIONAL AWARENESS
==========
ARAMCO CREW:
- VINOD S. THAKUR #8958155 HSE ADVISOR ODD1 ONBOARD SINCE JAN 26, 2026
- HASSAN, MOHAMED N #8662886 HSE ADVISOR ODD2 ONBOARD SINCE JAN 24, 2026
- AMJAD ALANAZI ME #8658039 ONBOARD SINCE 01/20/2026
==========
CONTRACTOR MANAGEMENT VISITS:
- RACHID BILLA BORR-3 RIG MANAGER VISIT RIG ON 30-DEC-25.
==========
SUSPENSION KIT ON BOARD:
2 X 9-5/8" EZSV WITH BRASS BP, 3 X 7" EZSV WITH BRASS BP
==========
LC-50 SAMPLE: MN# 2400778654 SENT ON OCTOBER 11, 2025

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	25-30 KNOTS, WNW	5-6 FT	SEASONAL	866	PRETOUR/DAILY/WEEKLY

PERSONNEL AND SERVICES INFORMATION

Company	RIG	RIG	OES	ARM	HCM	ARM	SWT
Category	CTRG	RIG	DFMS	OTHR	PCS	WSC	WTSE
No. of Persons	14	70	1	3	1	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	12	24	24	24	0

Total 94

TRUCKS/BOATS

Standby/Tankers
rawabi-215

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
3760	1601	926	5396	0	4086

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

MRJN-844 DEVELOPMENT DRILLING BI-60

07/24/2025 - 01/08/2027

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saudi aramco

CCF @ MRJN-844 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: CCF
Well: MRJN-844
Wellbores: (0) MRJN_844_0

Charge #: (66-25073-0844)
Wellbores: (0) MRJN_844_0

Objective : (DUAL LATERAL HORIZONTAL PRODUCER TARGETING RTWI RESERVOIR)

Foreman(s): ALI, MOHAMED FAYEZ
Engineer: RAFIQUE, MAQSOOD AHMAD / ALSHEHRI, BASIM HASSAN
Manager: FAIFI, MUSAAD HASSAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677714 207	673-9130	673-7018

CONTRACTOR /CLERK VSA T: 673-2507

Last 24 hr operations: HPJSM, RU & RIH W/ 7" LINER - ONGOING.

Next 24 hr plan: RIH W/ 7" LNR TO BTM, CHC, SET LNR HGR & PERFORM CMT JOB, SET TOP PKR & CIRC., POOH & L/D RUNNIG TOOL.

Location: 4.2 KM EAST OF MRJN GOSP-3, 0.002 KM S29E OF MRJN-844 AND 0.003 KM S64W OF MRJN-841.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,148	9 5/8	8705	7990				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11075	26.5 (01/18/2026@1230)	100	0	228	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0645	1.75	0	8 1/2	N	CSG	HT	PEL	RIG	12148	12148			P/U WFD CEMENET HEAD, TORQUE ALL CONNECTIONS & L/D SAME.
0645 - 0800	1.25	0	8 1/2	N	CSG	HT	PEL	RIG	12148	12148			HPJSM, R/D BX ELEVATOR & CHANGE OUT TDS HANDLING TOOLS.
0800 - 0830	0.5	0	8 1/2	N	CSG	PJSM	LINR	RIG	12148	12148			HPJSM FOR R/U 7" TRS WHILE VERIFY/REVIEW, SIGNED SWAP.
0830 - 1000	1.5	0	8 1/2	N	CSG	HT	PEL	RIG	12148	12148			R/U FRANKS 7" CSG RUNNING EQUIP., POWER TONG & JAM UNIT. - RESET & FUNCTION TEST ZMS FOR RUNNING CSG. - FUNCTION TEST INTERLOCK SYSTEM.
1000 - 1030	0.5	0	8 1/2	N	CSG	PJSM	LINR	RIG	12148	12148			HPJSM DISCUSS RISKS & MITIGATIONS FOR RUN 7" LNR.
1030 - 1200	1.5	0	8 1/2	N	CSG	RCSG	CSTR	FMC	12148	12148	0	100	M/U & RIH 7" LINER SHOE TRACK, 26# NVAM, THREAD-LOCK ALL CONNECTIONS. - FUNCTION TEST, OK.
1200 - 1230	0.5	0	8 1/2	N	CSG	PJSM	LINR	RIG	12148	12148			ODD-1 DIV-1 MANAGER HELD STAND DOWN MEETING WITH BOTH CREW DISCUSSED SAFE OPERATION PROCEDURES, BEST DRILLING PRACTICES, LOF, HANDS & FINGER PINCH POINTS. - EMPHASIZED THE IMPORTANCE OF SWA. HIGHLIGHTED CONTINUOUS SUPERVISION. - URGED RIG CREW FOR SELF AUDITING TO IMPROVE OVERALL RIG SAFETY & PERFORMANCE.
1230 - 1300	0.5	0	8 1/2	N	CSG	RCSG	CSTR	FMC	12148	12148	100	162	M/U & RIH 7" LINER SHOE TRACK, 26# NVAM, THREAD-LOCK ALL CONNECTIONS. - FUNCTION TEST, OK.
1300 - 1830	5.5	0	8 1/2	N	CSG	RCSG	CTRQ	FMC	12148	12148	162	3692	M/U AND RIH WITH 7" L-80, 26# N.V LINER CSG.
1830 - 1900	0.5	0	8 1/2	N	CSG	HT	PEL	RIG	12148	12148			CHANGE HANDLING EQUIPMENT.
1900 - 1915	0.25	0	8 1/2	N	CSG	PJSM	LINR	RIG	12148	12148			HPJSM PRIOR P/UP WFD LNR HGR.
1915 - 2045	1.5	0	8 1/2	N	CSG	RCSG	HGRL	WLH	12148	12148	3692	3718	P/UP & M/UP 7" X 9-5/8" WFD LINER HGR. - WF SURFACE CHECK RT. - PERFORMED LOAD TEST.
2045 - 2215	1.5	0	8 1/2	N	CSG	CIRC	MPMP	RIG	12148	12148			CIRC 1.5 LINER CAPACITY MEANWHILE R/D FRANKS EQUIPMENT. - RECORDED LINER WT 90 KLBS.
2215 - 0000	1.75	0	8 1/2	N	CSG	RCSG	STRG	RIG	12148	12148	3718	6100	RIH W/ 7" WFD XPRESS INTEGRAL LINER HANGER & TOP PKR ASSY ON 5-1/2" DP/HWDP TO 6,100 FT.
0000 - 0015	0.25	0	8 1/2	N	CSG	PJSM	LINR	RIG	12148	12148			RIG CREW CHANGE & PJSM.
0015 - 0215	2	0	8 1/2	N	CSG	RCSG	STRG	RIG	12148	12148	6100	8700	RIH W/ 7" WFD XPRESS INTEGRAL LINER HANGER & TOP PKR ASSY ON 5-1/2" DP/HWDP TO CSG SHOE.
0215 - 0315	1	0	8 1/2	N	CSG	CIRC	MPMP	RIG	12148	12148			CIRC LINER CAPACITY & RECORD REFERENCE PARAMETES.
0315 - 0459	1.75	0	8 1/2	N	CSG	RCSG	STRG	RIG	12148	12148	8700	11100	RIH W/ 7" WFD XPRESS INTEGRAL LINER HANGER & TOP PKR ASSY ON 5-1/2" DP TO 11,100 FT - ONGOING. - HOLE IN GOOD CONDITION. - NO STATIC LOSSES DURING RIH.

Foreman Remarks

LIMITED MORNING REPORT

MRJN-844 DEVELOPMENT DRILLING BI-60

07/24/2025 - 01/08/2027

MRJN-844 WILL BE DRILLED AS A DUAL LATERAL HORIZONTAL PRODUCER TARGETING RTWI RESERVOIR TO A TOTAL DEPTH OF +/- 17,374 FT MD IN L-0 & +/- 14,465 FT MD IN L-1 WITH A TOTAL RESERVOIR CONTACT OF +/- 10,000 FT IN BOTH LATERALS.
==========BARRIERS IN PLACE==========
- MUD HYDROSTATIC.
- 13-5/8" 10M BOP.
==========TDS ZONE MANAGEMENT TEST==========
* TRAVELLING BLOCK ANTI-COLLISION SYSTEM (CROWN & FLOOR SAVERS) (OK).
==========RIG POSITION & DATA==========
** PF: MRJN-840/849
** RIG POSITION: 28 DEG 18.30 N LATITUDE, 49 33.84" E LONGITUDE, RIG HEADING 330 DEG.
** SLOT 840 POSITION, N 28DEG 27' 20.82682"B, E 49DEG 18' 2.75414"
** WATER DEPTH: 140'.
** AIR GAP: 40'.
** RKB TO MSL: 115'
** RKB TO MUD LINE: 255'
** LEG PENETRATIONS: BOW 6.53', PORT 6.8', STBD 7.5'.
==========
MRJN-844 HOLE SECTIONS:
* 32" CP ACTUAL DEPTH AT 311 FT.
* 22" PLANNED DEPTH AT 2,355 FT. AT 2358 FT.
* 16" PLANNED DEPTH AT 5,457 FT. ACTUAL AT 5461 FT.
* 12 1/4" PLANNED DEPTH AT 8,700 FT. ACTUAL AT 8,710 FT.
* 8-1/2 " PLANNED DEPTH AT 12,240 FT. ACTUAL AT 12,148 FT.
* L1 8 -1/2" PLANNED DEPTH AT 17,374 FT. ACTUAL XXX FT.
* L1 6-1/8" PLANNED DEPTH AT 14,465 FT. ACTUAL XXX FT.
==========DRLG SEQ==========
** MRJN-843 SUSPENDED FOR FLWBCK.
** MRJN-842 SUSPENDED FOR FLWBCK.
** MRJN-844 CURRENT WELL--8-1/2" HS.
** MRJN-846 SUSPENDED AT 9-5/8" CSG.
** MRJN-845 SUSPENDED AT 13-3/8" CSG.
** MRJN-849 SUSPENDED AT 13-3/8" CSG.
** MRJN-848 SUSPENDED AT 13-3/8" CSG.
========== HSE==========
** HELD ODD#1 PRIMARY DISASTER DRILL: 24-FEB-25
** HELD FIRE DRILLS: 23-JAN-26.
** HELD H2S DRILL: 23-JAN-26.
** ABANDON DRILLS: 23-JAN-26.
** MEDICAL EMERGENCY DRILL: 9-JAN-26.
** MOB DRILL: 29-NOV-25.
** OIL/CHEMICAL SPILL DRILL: 27-NOV-25.
** HELICOPTER CRASH DRILL: 28-OCT-25.
** CONFINED SPACE & RESCUE DRILL: 17-NOV-25
** CONDUCT HAZARD HUNT ON RIG TO ENHANCE SAFETY AWARNESS - SWA: 5 & LOF: 5.
** DISCUSS ARAMCO & COSL HSE ALERTS IN PRE-TOUR MEETINGS & WEEKLY SAFETY MEETING.
** ARAMCO SAFETY CAMAPIGN: WATER CONSERVATION - HAND AND FINGER SAFETY.
** DISCUSS HAZARD IDENTIFICATION & AWARENESS.
==========PERSONNEL ONBOARD==========
* ARAMCO FOREMAN AHMED, AHMED FAWZY #896866 LEFT RIG 26-JAN-26 FOR FOR FIREFIGHTING TRAINING.
* MATERIAL EXPEDITOR NASSER ALKHALDI #8581974 ONBOARD SINCE 21-JAN-26.
* MATERIAL EXPEDITOR ABDULLAH M ALHAJRI# 8588390 ON BOARD SINCE 07-JAN-26 & LEFT ON 21-JAN-26 AFTERNOON.
* MATERIAL EXPEDITOR MOHAMED ALHUSSEIN#814756 ONBOARD SINCE 13-JAN-26 & LEFT 27-JAN-26.
* ARAMCO PDP RAYYAN HAWSAWI ID# 835793 ON BOARD SINCE 09-JAN-26 & LEFT ON 20-JAN-26.
* USHER, CHRISTOPHER K #896396 ARAMCO LPD FOR RSI ON BOARD SINCE 21-JAN-26 & LEFT ON 22-JAN-26.
* ARAMCO FCT ALHASSAN, BADER A ID# 768321ON BOARD SINCE 22-JAN-26 & LEFT ON 25-JAN-26.
* ARAMCO EVALUATOR QAMER, RAHIL Q ID# 8307549 ON BOARD SINCE 23-JAN-26.
* ARAMCO FCT ALZID, ABDULLAH T# 796948 ON BOARD SINCE 27-JAN-26.
==========CONTRACTOR VISIT==========
- COSL RIG MANAGR ZHAO PENG #8610701 ON BOARD SINCE 14-JAN-26 & LEFT ON 16-JAN-26
==========LC-50 OBM SAMPLE ==========
- LC-50 WBM SAMPLE MANIFEST #2400785048 SENT ON 16-NOV-2025 ON RAWABI-6.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	1	3API	3	0 Volts	2.5	9.5	35,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	8HTHP	89	22	0	11 / 14	NCPOL	2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
59	1	16	8	8 / 9	0	0	9

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	1	3API	3	0 Volts	2.51	9.7	35,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	8HTHP	89	21	0	10 / 14	NCPOL	2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	1	17	8	8 / 9	0	0	9

MUD TREATMENT

BIT DATA

DRILL STRING

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MRJN-844 DEVELOPMENT DRILLING BI-60

07/24/2025 - 01/08/2027

أرامكو السعودية
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	Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	TOURLY	8-12 KNOTS N	3 FT	SEASONAL	789	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	FMC	LIG	BHI	RIG	BDF	NPJ	WLH	ARN	BCM	MI2	ARM
Category	CSR	CTRG	DPDS	RIG	DFMS	JST	LHES	OTHR	PCS	SCS	WSC
No. of Persons	4	14	2	65	2	0	2	3	4	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	0	24	24	24	24	24
Operating Hours.	24	0	0	24	12	0	24	24	24	0	24

Total 98

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARZAKKAN

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2207	1207	2639	2646	0	4123

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

ZULF-218 WORKOVER-1 BI-60

10/07/2025 - 02/20/2026

CH-1 @ ZULF-218 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: CH-1
Well: ZULF-218
Wellbores: (0-1) ZULF_218_1

Charge #: (72-25062-0218)
Wellbores: (0-1) ZULF_218_1

Objective : (# | UR: TUBING/PACKER INSTALLATION)

Foreman(s): RUBAII, MOHAMMED MURIF / MUHEDB, ALI MOHAMMED / ALANAZI, MAZEN MOHAMMED
Engineer: GOMAA, MOHAMED MOSTAFA MOHAMED AL / ALGHAMDI, MESHAL OTHMAN
Manager: HARBI, SALEH MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4202	3788180	RADIO ROOM # 01387180 60
OTHER VSAT	CONTRACTOR /CLERK VSA T	
3788181	3788184	

Last 24 hr operations: MILL PLUG, POOH, SLIP & CUT, L/D CONCAVE MILL BHA, P/U & M/U SAMMA 9 5/8" & 7" WBCO BHA.

Next 24 hr plan: RIH WITH WBCO BHA, SCRAPE 9 5/8" & 7" PACKER DEPTH, POOH WITH WBCO BHA.

Location: ZULF 216/ 221 PLATFORM.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,830	9 5/8	5405					

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7830	13.4 (01/20/2026@1500)	100	0	250	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1015	5.25	0-1	POST	N	MILL	MILL	MILL	NFM	7830	7830	6076	6085	CONT. ESTABLISH PARAMETERS AND START MILLING PLUG WITH CONCAVE MILL FROM 6076 FT (6,055' ODF) TO 6085 FT (6106' ODF) WITH 2-5K WOB, 40-120 RPM, 300 GPM. ** P/UP WT = 196 K & S/OFF WT = 203 K. ** PUMP 30BBLS HI VIS SWEEP EVERY HALF FT. ** WASH DOWN AND UP. CONFIRM PASS FREE.
1015 - 1300	2.75	0-1	POST	N	FISH	CIRC	MPMP	RIG	7830	7830			WASH DOWN FROM 6085 FT TO 6220 FT. ** PUMP 50 BBL SWEEP & CIRC HOLE CLEAN.
1300 - 1315	0.25	0-1	POST	N	FISH	CIRC	MPMP	RIG	7830	7830			FLOW CHECK, STATIC
1315 - 1400	0.75	0-1	POST	N	FISH	TO	STDP	RIG	7830	7830	6220	5808	POOH 6-1/8" CONCAVE JUNK MILL BHA WITH 5-1/2" DP WITH CONTROLLED SPEED. ** MONITOR WELL WITH T/T.
1400 - 1415	0.25	0-1	POST	N	FISH	CIRC	MPMP	RIG	7830	7830			FLOW CHECK, WELL STATIC.
1415 - 1615	2	0-1	POST	N	FISH	TO	STDP	RIG	7830	7830	5808	4120	POOH 6-1/8" CONCAVE JUNK MILL BHA WITH 5-1/2" DP WITH CONTROLLED SPEED. ** MONITOR WELL WITH T/T.
1615 - 1630	0.25	0-1	POST	N	FISH	CIRC	MPMP	RIG	7830	7830			FLOW CHECK, WELL STATIC.
1630 - 1930	3	0-1	POST	N	FISH	OTH	NA	RIG	7830	7830			PERFORM SLIP AND CUT.
1930 - 2100	1.5	0-1	POST	N	FISH	TO	STDP	RIG	7830	7830	4120	2556	POOH 6-1/8" CONCAVE JUNK MILL BHA WITH 5-1/2" DP. ** MONITOR WELL WITH T/T.
2100 - 2130	0.5	0-1	POST	N	FISH	OTH	NA	RIG	7830	7830			CHANGE HANDLING EQUIPMENT FROM 5-1/2" TO 4".
2130 - 2200	0.5	0-1	POST	N	FISH	TO	STDP	RIG	7830	7830	2556	1713	POOH 6-1/8" CONCAVE JUNK MILL BHA WITH 4" DP. ** MONITOR WELL WITH T/T.
2200 - 2215	0.25	0-1	POST	N	FISH	CIRC	MPMP	RIG	7830	7830			FLOW CHECK, WELL STATIC.
2215 - 2230	0.25	0-1	POST	N	FISH	TO	STDP	RIG	7830	7830	1713	1246	POOH 6-1/8" CONCAVE JUNK MILL BHA WITH 4" DP. ** MONITOR WELL WITH T/T.
2230 - 2245	0.25	0-1	POST	N	FISH	CIRC	MPMP	RIG	7830	7830			FLOW CHECK PRIOIR TO BHA, WELL STATIC.
2245 - 0130	2.75	0-1	POST	N	FISH	TO	BHA	RIG	7830	7830	1246	284	POOH 6-1/8" CONCAVE JUNK MILL BHA & L/D. ** MONITOR WELL WITH T/T.
0130 - 0459	3.5	0-1	POST	N	WBCO	HT	BHA	RIG	7830	7830			P/U & M/U SAMMA 9 5/8" & 7" WBCO BHA.

Workover Objectives

Foreman Remarks

CURRENT LOCATION DATA:
- PLATFORM/WELL: ZULF 216/221
- RIG POSITION : LAT. 28DEG 23.84" N, LONG : 049DEG 11.36" E. & RIG HEADING 344DEG.
- LEG PENETRATIONS: BOW 9.2 FT, PORT 8.2 FT, STBD 8.5 FT.
- WATER DEPTH: 118 FT.
- AIR GAP: 40 FT.

LIMITED MORNING REPORT

ZULF-218 WORKOVER-1 BI-60

10/07/2025 - 02/20/2026

- ODF TO MSL (WATER LINE) : 85 FT
- ODF CORRECTION : 21 FT
- RKB TO PF MAIN DECK : 64 FT
- RKB TO MSL : 106 FT
- RKB TO MUD LINE (SEABED) : 224 FT
- APROX DISTANCE TO TAN: 35 NM
- THE NEARST LAND IS SAFANIYA; 25 NM

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WORKOVER SEQUENCE:
RECORD CORROSION LOG FOR ALL WELLS (DONE).

* ZULF-216 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-220 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-349 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-221 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-219 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-346 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-217 SL DE-COMP. / RUN WITH ESP COMP. DONE
* ZULF-218 PDHMS ONGOING

FLOW BACK ALL WELLS IN FOLLOWING SEQUENCE:
ZULF-220 -> 349 -> 221 -> 219 -> 217 -> 346 -> 216 -> 218

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HSE AND DRILLS:

- SECONDARY DRILL: 26-MAR-25
- H2S & FIRE & ABANDON DRILLS: 18-JAN-26
- REVIEWED ARAMCO SAFETY ALERTS: AS RECEIVED
- WEEKLY HSE CAMPAIGN: ODD-2 HSE CAMPAIGN WEEK 05_ LINE OF FIRE AND SITUATIONAL AWARENESS
- MAN DOWN DRILL: 12-JAN-26
- H2S RESCUE DRILL: 24-JAN-26
- MAN OVERBOARD: 19-JAN-26
- RESCUE AT HEIGHTS DRILL: 19-OCT-25 (YEARLY)
- CONFINED SPACE DRILL: 19-JAN-26
- OIL SPILL EQUIPMENT DRILL: 12-NOV-25
- WELL CONTROL DRILLS (PIT DRILL, TRIP DRILL) - DAILY/AS PER OPERATION : 16

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SAFETY LEADING INDICATORS AND DRILLS (YTD)

TOTAL NEAR MISSES: 4
TOTAL STOP SWA DRILLS: 117
TOTAL STOP CARDS: 2767
TOTAL UNSAFE OSERVATIONS: 623
TOTAL SAFETY ALERT DISCUSSIONS: 35
TOTAL WEEKLY SAFETY MEETING: 8
TOTAL WEEKLY EMERGENCY DRILLS: 15
TOTAL JSA REVIEW: 394
TOTAL PTW ISSUED: 272
TOTAL ISOLATION ISSUED: 50
BOP TEST: 03

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ARAMCO PERSONNEL ONBOARD:
- TURKI ALMAJAYISHI , #814227, ARAMCO MAT-EXP, ON SINCE 20/1/2026
- HASHAM ALJARRI, ID # 8537918, ARAMCO MAT-EXP, OFF SINCE 20/1/2026
- KHALID S ALIBRAHIM, #821416, ARAMCO MAT-EXP, ON SINCE 22/1/2026
- MESHARI ALHURTUMI, #824558, ARAMCO MAT-EXP, ON SINCE 16/1/2026
- AHMED M ALABDULMOHSIN, #825269, ARAMCO FCT, ON SINCE 13/1/2026

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DRILLING CONTRACTOR MANAGEMENT VISITS:
- SHAOHUI GU, COSL RIG MANAGER LAST VISIT ON 18/JAN/26.
- MAO YALIN, COSL GENERAL MANAGER, LAST VISIT ON 23/DEC/25.
- MARK BOYD, COSL QHSE MANAGER, LAST VISIT ON 24/OCT/25.
- ZHAOYIN ZHOU, COSL OPERATIONS MANAGER LAST VISIT ON 27/JAN/25.
- LIU YANG, COSL GENERAL MANAGER LAST VISIT THE RIG ON 13/JAN/25.

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RENTAL TOOLS:
- EZSV: 2 X 9 5/8", 2 X 7"
- RTTS: 1 X 9 5/8"

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9.2	89,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	9	0	3 / 4	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0	12	5	2 / 3	0	48,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9.3	89,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	9	0	3 / 4	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ZULF-218 WORKOVER-1 BI-60

10/07/2025 - 02/20/2026

54	0	11	5	2 / 3	0	48,000	0

MUD TREATMENT

CACL2-80	HEC	CAOH2
10 (2200L)	22 (25KG)	5 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
26	Drillpipe	RIG	5.5	140	5.5	4.67	4,364	5,009.3	XT54	XT54	24.7	127,563.41	CYX105	PREM	
25	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	4	184	645.3	VX54	VX54	42.9	19,772.61		CONV	
24	Crossover	RIG	6.5	1	6.5	2.813	1.81	461.3	NC50	7 5/8 REG	0	11,879.01			10005782-2
23	Hydraulic Jar	NPJ	6.5	1	6.5		7.83	459.49			0	11,879.01			SDW-4231875-3
22	Crossover	RIG	6.5	1	6.5	2.813	1.81	451.66	NC50	7 5/8 REG	0	11,879.01			10005782-2
21	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	4	276.9	449.85	VX54	VX54	42.9	11,879.01		CONV	
20	Crossover	RIG	6.5	1	6.5	2.813	1.81	172.95	NC50	7 5/8 REG	0	0			10005782-2
19	Drift Sub	SAM	8.5	1	6.5	2.75	3.64	171.14	NC50	NC50	0	0			OSCA-838591
18	Casing Brush	SAM	9.625	1	8.375	2.78	6.88	167.5	NC50	NC50	0	0			OSCA-800720
17	Junk Basket	SAM	9.625	1	9.625	3.5	10.25	160.62	7 5/8 REG	7 5/8 REG	0	0			OSCA-800722
16	String Magnet	SAM	9.625	1	9.625	2	6.12	150.37	NC50	XT39	0	0			WBS9-72110
15	String Magnet	SAM	9.625	1	9.625	2	6.12	144.25	NC50	XT39	0	0			WBS9-72117
14	String Magnet	SAM	9.625	1	9.625	2	6.2	138.13	NC50	XT39	0	0			WBS9-72123
13	String Magnet	SAM	9.625	1	9.625	2	6.06	131.93	NC50	XT39	0	0			WBS9-101741
12	String Magnet	SAM	9.625	1	9.625	2	6.14	125.87	NC50	XT39	0	0			WBS9-71628
11	Scraper	SAM	9.625	1	8.375	3.5	10.25	119.73	NC50	NC50	0	0			OSCA-806746
10	Junk Basket	SAM	9.625	1	9.625	3.5	12.88	109.48	7 5/8 REG	7 5/8 REG	0	0			OSCA-784254
9	String Magnet	SAM	9.625	1	9.625	2	6.15	96.6	NC50	XT39	0	0			WBS9-101749
8	String Magnet	SAM	9.625	1	9.625	2	5.8	90.45	NC50	XT39	0	0			WBS9-71620B
7	String Magnet	SAM	9.625	1	9.625	2	6	84.65	NC50	XT39	0	0			WBS9-101748
6	String Magnet	SAM	9.625	1	9.625	2	5.85	78.65	NC50	XT39	0	0			WBS9-11740B
5	Drillcollar	RIG	6.5	1	6.5	2.25	31.06	72.8	NC46	NC46	0	0		SPRL	DC22515001
4	String Mill	SAM	9.625	1	4.75	2.375	6.05	41.74	NC50	NC50	0	0			OSCA-756038
3	Drillcollar	RIG	6.5	1	6.5	2.813	31.06	35.69	NC46	NC46	0	0		SPRL	DC22501017
2	Float Sub	RIG	6.125	1	6.125	2.875	4.01	4.63	NC50	NC50	0	0			1-198
1	Bit	SMT	6.125	1	6.125		0.62	0.62			0	0			RV1793

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	N/A	08-10 KT NW	1-2 FT	SEASONAL	927	PRE TOWER

PERSONNEL AND SERVICES INFORMATION

Company	HCB	SCB	LIG	HCO	RIG	RO4	RTF	NFM	ARM	BCM	GD1	BC	BCR	ARM	NWT	SAM	DEL	NWL
Category	BRCR	BRCR	CTRG	ICE	RIG	DFMS	FILT	WMFE	OTHR	PCS	SLS	SSSV	PRS	WSC	WTSE	WBCS	WHES	WLS
No. of Persons	1	1	15	0	66	1	2	1	3	1	3	0	4	3	1	1	1	0
Personnel on Loc. Hrs.	24	24	24	0	24	24	24	24	24	24	24	0	24	24	24	24	24	0
Operating Hours.	0	0	0	0	24	12	0	12	12	24	0	0	0	24	0	0	0	0

Total 104

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARAMA

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2321	2220	2219	5136	0	2252

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

MRJN-38 WORKOVER-2 BI-60

01/26/2026 - 02/19/2027

أرامكو السعودية
saudi aramco

CP-1 @ MRJN-38 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: CP-1
Well: MRJN-38
Wellbores: (0) MRJN_38_0

Charge #: (71-26073-0038)
Wellbores: (0) MRJN_38_0

Objective : (DRILL A LONG RADIUS HORIZONTAL SECTION & INITIAL GAS LIFT /MANDREL/VALVE EQUIPMENT INSTALLATION.)

Foreman(s): SALEM, ALMOATAZ BELLAH / SMITH, FRANK
Engineer: CHIU, CHEE YANG
Manager: ABBAS, MUHAMMAD NASSER

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14208	673-9109	673-0169
OTHER VSAT	CONTRACTOR /CLERK VSA T	
673-9140	673-0139	

Last 24 hr operations
CON'T P-TEST CT. RIH W/ BAKER CT. CHC & SPOT HI-VIS. PUMP CMT PLUG JOB. WOC. POH BAKER CT & WOC.

Next 24 hr plan
CON'T WOC. RIH BAKER CT & TAG CMT PLUG. PT PLUG. POH. RU & RUN HALL WL EXP CORROSION LOGS.

Location: MRJN 36/41,301 PF.
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,134	7	8226					

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8134	1.8 (01/26/2026@1030)	100	0	236	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	POST	N	DCOM	OTH	NA	BCT	0	0			CON'T TO R/UP INJECTOR HEAD ON RISER. PRESSURE TEST STRIPPER#1, STRIPPER#2 TO 300/2500 PSI & DOUBLE FLAPPER CHECK VALVE TO 1500 PSI. - MONITOR WELL THROUGH TRIP TANK GRAVITY, 1 BPH, STATIC LOSSES.
0630 - 0700	0.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			DISPLACED COIL TO 70 PCF CLEAR BRINE.
0700 - 1300	6	0	POST	N	DCOM	OTH	NA	BCT	0	0			OPEN WELL & RIH WITH BAKER CT BHA ON 1-3/4" CT TO 8130 FT ODF. - CIRCULATION WITH 0.5 BPM AND PULL TEST EVERY 1,000 FT.
1300 - 1445	1.75	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			CIRCULATE BTMS UP AT 1.2 BPM/2000 PSI. - DYNAMIC LOSSES @ 1-2 BPH.
1445 - 1500	0.25	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			FLOW CHECK, THROUGH THE TRIP TANK GRAVITY LINE, WELL STATIC.
1500 - 1630	1.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			PUMP 50 BBLS HI-VIS BRINE AT 150 SEC/QT & DISPLACE DOWN CT AND SPOT ON BTM.
1630 - 1700	0.5	0	POST	N	DCOM	OTH	NA	BCT	0	0			POH WITH BAKER CT INSIDE TBG F/ 8'130 FT TO 7'800 FT ODF. - MONITORED WELL THROUGH THE TRIP TANK GRAVITY LINE, WELL STATIC.
1700 - 1715	0.25	0	POST	N	DCOM	OTH	NA	BCT	0	0			RIH WITH BAKER CT BHA ON 1-3/4" CT TO 7,800 FT TO 8130 ODF. - MONITOR WELL ON TRIP TANK. WELL STATIC.
1715 - 1730	0.25	0	POST	N	DCOM	PJSM	NA	RIG	0	0			HOLD PJSM PRIOR TO CMT JOB.
1730 - 1845	1.25	0	POST	N	PA	CIRC	MPMP	RIG	0	0			NESR PERFORM CMT PLUG PLACEMENT AS BELOW: - NESR PUMP 30 BBL OF 85 PCF SPACER AHEAD. - BATCH MIX & PUMP 13 BBLS 118 PCF CMT SLURRY WITH ADDITIVES AT 1.0 BPM. - DISPLACE W/ 10 BBLS 85 PCF SPACER BEHIND AT 1.0 BPM. - W/ CT STATIONARY AT 8'130 FT, DISPLACE WITH 12 BBLS 70 PCF BRINE 0.7 BPM. - PULL CT AT 15/MIN F/ 8'130 TO 7'900 FT WHILE DISPLACE W/ 10 BBL'S OF 70 PCF BRINE AT 0.7 BPM. - CMT IN PLACE AT 18:45 HRS. - NO LOSSES DURING CMT PLACEMENT.
1845 - 2015	1.5	0	POST	N	PA	CIRC	MPMP	RIG	0	0			PULL CT & POSITION SAME AT 7'900 FT TO 7'800FT. RIG PUMP CIRCULATE BTMS UP AT HIGH RATE +/- 1.5 BPM W/ 120 BBLS VIS BRINE. - DISCARD 30 BBL'S SPACER & 10 BBL'S SPACER CONTAMINATED WITH CMNT ON SHAKERS.
2015 - 2045	0.5	0	POST	N	PA	WOC	CSG	RIG	0	0			FLOW CHECKED THROUGH TRIP TANK GRAVITY LINE, WELL STATIC.
2045 - 0130	4.75	0	POST	N	PA	WOC	CSG	RIG	0	0			WOC MEANWHILE POH CT TO SURFACE. - PUMP OUT AT 0.7 BPM, SPP-950-900PSI. - WELL STATIC WITH NO LOSSES.
0130 - 0459	3.5	0	POST	N	PA	WOC	CSG	RIG	0	0			WOC MEANWHILE MONITORED WELL THROUGH TRIP TANK GRAVITY LINE, WELL STATIC.

Workover Objectives

Foreman Remarks

MRJN-38: DRILL A LONG RADIUS HORIZONTAL SECTION & INITIAL GAS LIFT /MANDREL/VALVE EQUIPMENT INSTALLATION.
==========
- RIG POSITION: LAT: 28* 24.17' N / LONG 049* 40.77' E / RIG HEADING 347 DEG.
- WATER DEPTH: 156.5 FT. AIR GAP: 56 FT, RKB TO PLATFORM TOP DECK : 76 FT. RKB TO SEABED: 287 FT.

LIMITED MORNING REPORT

MRJN-38 WORKOVER-2 BI-60

01/26/2026 - 02/19/2027

- RKB TO MSL: 131 FT
- RKB CORRECTION : - 53 FT TO ODF.
- FINAL LEG PENETRATIONS: BOW 9.0 FT, PORT 9.3 FT & STBD 9.7 FT.

==========

MRJN-41/36/301 P/F OPERATION SEQUENCE:
1.BATCH KILL/PLUG BACK
MRJN 41 -> 40 -> 38 -> 36 -> 39 -> 301

2.DE-COMPLETE/SIDETRACK/COMPLETE
MRJN 301 -> 41 -> 40 -> 38 -> 36 -> 39

3.KILL/SECURE/DE-COMPLETE/RE-COMPLETE
MRJN 37

4.BATCH FLOWBACK

==========

==========PERSONNEL ONBOARD==========

- ARAMCO MATERIAL EXPEDITOR THAMER N ALTOMAIS BADGE # 8493759 ON BOARD SINCE 27/JAN/2026.
- ARAMCO LPD USHER, CHRISTOPHER K #896396 ON BOARD SINCE 27-JAN-26.
- ARAMCO MATERIAL EXPEDITOR MOHAMED ALMUTAIRI BADGE # 8404151 ON BOARD SINCE 08-JAN-2026 TO 01/27/2026.

==========HSE==========

- RIG H2S & ABANDON DRILL CONDUCTED ON JAN-12-2025.
- PERFORMED SECONDARY EMERGENCY DRILL ON MAY 12TH 2025.
- REVIEWD WITH RIG TEAM RECENT HSE ALERTS.

==========TDS ZONE MANAGEMENT TEST=======

- CROWN SAVER SENSOR TEST (OK). RIG FLOOR SAVER SENSOR TEST (OK).
- MONKEY BOARD WHILE EXTENDING LINKS TO CHECK TDS CAN NOT HIT MONKEY BOARD (OK).

==========CONTRACTOR MANAGEMENT LAST VISIT==========

- RIG MANAGER PENG DAOJI ONBOARD SINCE 05-JAN 2026.
- RIG QHSE SUPERVISOR SUJITH NAIR VISITED THE RIG FROM 02.JAN TO 04.JAN.2026.
- RIG OPERATION MANAGER ZHOU ZHAOYIN VISITED RIG FROM 14-JULY TO 18-JULY 2025.
- COSL DEPUTY GENERAL MANAGER MAO YALIN VISITED RIG ON 13TH NOV TO 15TH NOV 2025.
- COSL MATERIAL SUPERVISOR ZHENG WEI VISITED RIG ON 13TH NOV TO 15TH NOV 2025.
- COSL GM LYU YANG VISITED RIG FROM 8-OCT-2025 TO 10-OCT-2025.
- RIG HSE MANAGER MARK GREGORY BOYD VISITED RIG ON 5TH NOV 2024 TO 6TH NOV 2024.
- RIG QHSE SUPERVISOR SUJITH NAIR VISITED RIG ON 27TH JUNE 2025 TO 4TH JULY 2025.

==========MUD SAMPLES==========

========== RIG MOVE DATA ==========

==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	10.2	112,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
32	0	0	7	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	10	113,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
31	0	0	7	0 / 0	0	0	0

MUD TREATMENT

BCTRN	BARITE	DICL-ATF-S
1 (5GL)	80 (50KG)	2 (5GLD)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	4-6 KTS SE	1-2 FT	SEASONAL	651	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	LIG	BCT	RIG	BDF	ARM	NCS	SLL	HCO	ARM	NWT	HWP
Category	CTRG	COIL	RIG	DFMS	OTHR	PCS	SLS	SSSV	WSC	WTSE	WLS
No. of Persons	14	8	64	1	2	2	3	1	2	2	5
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	0	24	0	0	24	0	0

Total
104

TRUCKS/BOATS

Standby/Tankers

LIMITED MORNING REPORT

MRJN-38 WORKOVER-2 BI-60

01/26/2026 - 02/19/2027

	TOPAZ KARZAKKAN
BULK	Drill Wtr.-BBLS: 1082 | Pot Wtr.-BBLS: 1560 | Fuel- BBLS: 1379 | Barite- SX: 2240 | Bentonite- SX: 0 | Cement G-SX: 1220
REPAIR ASAP	Instrumentation | Other | Reporter Computer, Communication & V-Sat Issues

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

TINT-99 DEVELOPMENT DRILLING BI-60

01/15/2026 - 03/30/2026

أرامكو السعودية
saudi aramco

DPS-4 @ TINT-99 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DPS-4
Well: TINT-99
Wellbores: (0) TINT_99_0

Charge #: (66-25096-0099)
Wellbores: (0) TINT_99_0

Objective : (DEVIATED MK-1 TARGETING UNZA RESERVOIR)

Foreman(s): ALSHAIKH, SABER YASSEN / ALMOHAREB, FAISAL MOHAMMED / CHACHOUA, CHOKRI
Engineer Manager: EISA, ABDULLAH HABEEB / FAHMI, MOHAMMED MAMDOUH HAJRI, HEZAM HAIYEN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4131	578-8572	578-8574

CONTRACTOR /CLERK VSA T: 576-3671

Last 24 hr operations
POOH. L/D BHA. RETERIEVE WB, JET WASH WELLHEAD, R/U CSG GEARS. CSG HGR DUMMY RUN. RUN 13-3/8" CSG.

Next 24 hr plan
RUN 13-3/8" CASING. SPACE OUT FOR CSG HGR. CHC. PERFORM TWO STAGES CMT JOB. L/D CSG HGR RT. INSTALL & P/T CSG PACKOFF. N/D 26-3/4" BOP STACK.

Location	Next Location
TINT FIELD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,050	18 5/8	2919	2919				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7050	13.3 (01/14/2026@2200)	100	0	296	296

Formation Tops

Formations	Top Depth	Comments
RUS	1,085	33' DEEPER
ARUM	2,250	75' SHALLOWER
LAMS	2,870	41' SHALLOWER
AHMD	4,275	14' DEEPER
SFNY	4,625	43' SHALLOWER
SHUB	5,570	23' SHALLOWER
BYDH	5,920	22' DEEPER
MDTM	7,000	42' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	16	N	DRLG	TO	STDP	RIG	7050	7050	2368	1317	POOH WITH 16" ROTARY DRILLING BHA ON 5-1/2" DP TO TOP BHA.
0530 - 0545	0.25	0	16	N	DRLG	WCNT	NA	RIG	7050	7050			FLOW CHECK. STATIC.
0545 - 1230	6.75	0	16	N	DRLG	LDP	BHA	RIG	7050	7050	1317	0	CONT. POOH 16" ROTARY BHA TO SURFACE. LAY DOWN 9JTS X 5.5" HWDP, 9 JTS X 6-5/8" HWDP, 6 JTS X 8.5" DC, 17 JTS X 9.5" DC, 3 X 16" REAMERS, 9.5" JAR AND 16" BIT. > RETRIEVE TOTCO INC= 1.0 DEG. > BIT DULL GRADING: 1-1-WT-A-X-0-NO-TD.
1230 - 1400	1.5	0	16	N	WH	RTRV	WBSH	RIG	7050	7050			RETRIEVE CIW 18-3/4" WEAR BUSHING. P/U & M/U CIW JETTING TOOL, JET WASHED BOP STACK & WELL HEAD PROFILE, L/D JETTING TOOL.
1400 - 1430	0.5	0	16	N	CSG	RR	TDS	RIG	7050	7050			RIG SERVICE TDS.
1430 - 1545	1.25	0	16	N	CSG	HT	PEL	NRC	7050	7050			PJSM. R/U NAPESCO CASING POWER TONG & RUNNING EQPT AND P/UP MACHINE. FUNCTION TEST ALL EQPT.
1545 - 1700	1.25	0	16	N	WH	OTH	NA	RIG	7050	7050			P/U & M/U CIW 18-3/4" X 13-3/8" FLUTED MANDREL HANGER, DUMMY RUN, LAND IN CASING HEAD PROFILE, MARK ELEVATION. POOH & L/D SAME.
1700 - 1830	1.5	0	16	N	CSG	HT	PEL	NRC	7050	7050			PJSM. R/U NAPESCO TRS CRT. JAM UNIT & SPIDER SLIPS.
1830 - 1900	0.5	0	16	N	CSG	PJSM	CSG	RIG	7050	7050			HPJSM WITH RIG & CSG CREW FOR RUNNING 13-3/8" CSG. DISCUSSED HAZARD RELATED & FORWARD GAME PLAN.
1900 - 2030	1.5	0	16	N	CSG	RCSG	CSTR	NRC	7050	7050	0	129	P/U & M/U 13-3/8" CSG SHOE TRACK (F.S - 2 JTS - F.C - 1 JT & L.C- 1 JT), CHECK FLOATS - OK. > THREAD LOCK FIRST 4 JTS. > TOTAL 4 JTS 13-3/8" 72# AM-95HC AM-HBC FBE CASING.
2030 - 0459	8.5	0	16	N	CSG	RCSG	CTRQ	NRC	7050	7050	129	2751	RUN 13-3/8" 72# AM-95HC AM-HBC FBE CASING AS PER TALLY (TOTAL RUN AT RT: 67JTS / 172 JTS TOTAL), > USE NAPESCO P/UP MACHINE. > USE JAM UNIT TO TORQUE CSG. > FILL UP CASING EVERY JOINT WITH CRT.

Foreman Remarks

OBJECTIVE: TINT-99 IS PLANNED TO BE DRILLED AS A DEVIATED MK-1 WELL TARGETING UNZA RESERVOIR IN THE SOUTH OF TINAT FIELD. THE WELL WILL BE COMPLETED WITH CONVENTIONAL SAND SCREENS.

==========ARAMCO PERSONNEL==========
- SGGDD FCT ABDULLAH ALDOSSARY ID# 777181 ON LOCATION 01/21/2026.
- SGGDD FCT INAD ALYAN ID# 796651 ON LOCATION 01/24/2026.
- ARAMCO MATERIAL EXPEDITOR FAIZ BAKSHWEN #761227 ON LOCATION 01/26/2026.
- ARAMCO MATERIAL EXPEDITOR SFOOG BADER #8495999 ON LOCATION SINCE 01/26/2026.
- ARAMCO MUD ADVISOR REDA ABDELHADY ON LOCATION ON 01/27/2026.

LIMITED MORNING REPORT

TINT-99 DEVELOPMENT DRILLING BI-60

01/15/2026 - 03/30/2026

==========
RIG VISIT:
==========
SAFETY SUMMARY:
> DISCUSSED TOPICS: HAZARD INDENTIFICATION. RISK ASSESSEMENT.
> DRILLS: 2 PIT
> NEAR MISS: NONE.
> SAFETY OBSERVATIONS: 12.
> ALERTS: HSE ALERT 08-26. 09-26. 10-26.
> 2026 WCI AUDIT: 11 CLOSED. 0 OPEN.
======== ==========
WELLSITE SERVICES:
> EMEC MUD ENGINEER.
> SCHLUMBERGER SILOS OPERATOR.
> REED BIT RUNNER ON LOCATION ON 01/24/2026.
> 01 EA VACCUM TANKER FOR WASTE WATER ON LOCATION ON 01/23/2026.
> NAPESCO CASING RUNNING CREW AND EQPT ON LOCATION ON 01/26/2026 17:00.
> HALLIBURTON DV ENGINEER ON LOCATION ON 01/26/2026 20:00.
> CAMERON WELLHEAD ENG ON LOCATION ON 01/26/2026 22:00.
> HALLIBURTON CMT UNIT AND CREW ON LOCATION ON 01/27/2026 21:00.

==========
RENTAL TOOLS:
> 02 EA SCHLUMBERGER BARITE SILOS ON LOCATION SINCE 01/22/2026.
> NAPESCO 9.5" HMDJ SN# HJDA-950-0019 ON LOCATION SINCE 01/24/2026.
==========
NEXT LOCATION:

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	3.8API	0	0 Volts	3.78	9.2	11,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	0HTHP	95	21	0	8 / 15	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	1	24	5	7 / 8	7.5	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	3.7API	0	0 Volts	3.78	4	11,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	0HTHP	95	20	0	8 / 14	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	1	23	5	6 / 7	7.5	200	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4	4,552	7,050	DP Av	DC Av	Bit HHP	N/A	N/A	S423	16	REED
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				1	1	WT	A	X
Serial Numi	**Type**	**Jets**	**TFA**							
S324295	TK76S3A	10 x 12 /	1.104							
Gauge	**Other**	**POOH Reas**								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		45.5
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	01/21/2026	SEASONAL	N/A	SEASONAL	4,151	PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	HCM	RTC	NRC	RZT	RIG	RO4	RIG	ARM	MI2	OTH	ARM	CAM	HDV
Category	PCS	BITS	CSR	CTRG	RIG	DFMS	OTHR	OTHR	SCS	VAC	WSC	WHES	DV
No. of Persons	3	1	8	14	44	1	14	5	1	1	3	1	1
Personnel on Loc. Hrs.	8	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	7	15	0	24	24	12	12	24	10	24	5	10

Total
97

LIMITED MORNING REPORT

TINT-99 DEVELOPMENT DRILLING BI-60

01/15/2026 - 03/30/2026

TRUCKS/BOATS	Standby/Tankers					
	f-818					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	864	170	140	2350
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

08/24/2021 - 02/16/2026

أرامكو السعودية
saudi aramco

DPS-43 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DPS-43
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : ( )

Foreman(s) ALJAHDALI, ABDULAZIZ HOMYED
Engineer BAKHSH, KHALID SULTAN
Manager OTAIBI, MUKHLED FARAH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677711 062	5723615	572-3615

CONTRACTOR /CLERK VSA T: 5723-615

Last 24 hr operations: RIG UP AT HRDH-1247 AND PREPARE FOR PCI.

Next 24 hr plan: CONT RIG UP AT HRDH-1247 AND PREPARE FOR PCI.

Location: HE WELL IS LOCATED 0.782 KM S75E OF HRDH-2399 AND 0.963 KM N30E OF HRDH-1234.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,945							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16945	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RU	NA	RIG					RIG MOBILIZATION FROM DPS YARD TO HRDH-1247. RIG UP : 95%. > CONT GENERAL RIG UP OPERATION. > CONT GENERAL WORK ON MUD TANKS. > CONT TUBULARS INSPECTION. > CONT GENERAL WORK ON MUD PUMPS. > CONT MPI OF DRILLING EQUIPMENT. > GENERAL HOUSEKEEPING AND PAINTING ON RIG FLOOR AND MAIN CAMP. > INSTALL COFLEX HOSES FROM CHOKE TO SUITE CASE. > CHANGE CONTROL AIR VALVE FOR CROWN MATIC. > CONT INSPECTION OF ALL LIFTING GEAR AND COLOR CODES. > WORKING ON PREPARING RIG FOR PCI.

Foreman Remarks

==========SAFETY & DRILLS==========
>> DRILLS: 0.
>> NEAR MISS: 0; MTD TOTAL : 0.
>> SWA: 0.
>> DISCUSSED: HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 TRUCK ROLLOVER, HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

==========PERSONNEL==========
>> ARAMCO MATERIAL EXPEDITER ALOBAID, AHMED #8509383 ON LOCATION 01/27/2026

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	6,788	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	ARM	ARM	
Category	CTRG	RIG	WSC	OTHR	
No. of Persons	15	85	1	1	Total 102
Personnel on Loc. Hrs.	24	24	24	24	
Operating Hours.	0	24	24	24	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HWYH-1328 WORKOVER-1 BI-60

01/14/2026 - 04/02/2026

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saudi aramco

DPS-45 @ HWYH-1328 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DPS-45
Well: HWYH-1328
Wellbores: (0) HWYH_1328_0

Charge #: (71-25053-1328)
Wellbores: (0) HWYH_1328_0

Objective : (TO RETRIEVE 4-1/2" TUBING AND RUN 4-1/2" TAPERED SCAB LINER ACROSS KHUFF-B FOR FUTURE RIGLESS)

Foreman(s): SAYED, SAID AHMED / YANG, NING
Engineer: JAMEEL, RIZWAN MUHAMMAD / SAAR, MUHAMMAD
Manager: ALWAN, MAYTHAM MERZA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
882-167-77 1-1064	013-577-61 60	013-577-61 43
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
013-577-61 30	013-829-38 89	

Last 24 hr operations: SCRAP LINER HANGER SETTING AREA AND CHC. PERFORM +VE & -VE NEST, POOH.

Next 24 hr plan: POH AND L/D WBCO BHA, R/U AND RUN CORROSION/CBL LOG.

Location: HWYH-1328

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	8 (01/20/2026@0400)	100	0	188	188

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1030	5.5	0	POST	N	WBCO	RW	BIT	RIG	15384	15384	12785	13388	CONT. REAM DOWN, SCRAPE & RECIPROCATE STRG W/ 9-5/8" SCRAPPER TILL TAG 7" TOL @ 11,755' (4-1/2" MULE SHOE @ 13,388' / 32' ABOVE 4-1/2" THOMSTONE PLUG). >> WORK GENTLY ON OBSTRUCTIONS @ 12,856', 13,173', 13,255', 13,276' & 13,286' TILL GET FREE DOWN. >> 9 X 13 CCA : 2550 PSI & STATIC. >> 13 X 18 CCA : 0 PSI.
1030 - 1330	3	0	POST	N	WBCO	CIRC	MPMP	RIG	15384	15384			CHC, SWEEP HOLE W/HVP, CONDITION M.WT IN/OUT TO 106 PCF WBM, FLOW CHCK - WELL STATIC. >> 9 X 13 CCA : 2550 PSI & STATIC. >> 13 X 18 CCA : 0 PSI. >> R/UP TAQA CMT UNIT & SURFACE LINES.
1330 - 1445	1.25	0	POST	N	WBCO	WBCO	WBCL	RIG	15384	15384			HPJSM, PT SURFACE LINES TO 6500 PSI - HOLD.
1445 - 1700	2.25	0	POST	N	WBCO	WBCO	WBCL	CRW	15384	15384			HPJSM, LINE UP TO TAQA CMT UNIT, CLOSE BOPE & PERFORM POSITIVE TEST THRU DRILL STRG TO 3,327 PSI USING 106 PCF WBM (EQUIVALENT TO 6,500 PSI WITH 70 PCF BRINE LATER) - HOLD (TOTAL PUMPED = TOTAL RETURNED = 5 BBLS), >> MONITOR 9 X 13 CCA & 13X18 CCA RESPONSES, OBSERVED 9X13 CCA PRESSURE INCREASED FROM 2150 PSI TO 2650 PSI & 13X18 CCA :0 PSI. >> BLEED OFF 9 X 13 CCA TO 0 PSI AND MONITORED CSG PRESSURE, RECOVERED TOTAL 10.5 L OF WATER & OBSERVED CSG PRESSURE STILL HOLD @ 3320 PSI / CCA PRESSURE 0 PSI FOR 30 MIN - NO EVIDENCE FOR 9X13 CCA & 9-5/8" CSG INTERNAL COMMUNICATION. >> MONITORED CCA RETURN (OBSERVED RETURN RATE DECREASED FROM 4L IN 1.5 MIN TO 4L IN 25 MIN AND CONTINUE DECREASING MEAN WHILE 9-5/8" CSG PRESSURE HOLD @ 3320 PSI).
1700 - 1830	1.5	0	POST	N	WBCO	WBCO	WBCL	CRW	15384	15384			HPJSM, SET CORTRAX LTTT, CLOSE BOPE & PT BACKSIDE PRESSURE TO 1,000 PSI - HOLD, OPEN BOPE & UNSET TEST PKR, WAIT FOR 45 MINUTES TO RELAX THE PKR ELEMENTS. BREAK CIRCULATE -OK. >> MONITORED 9 X 13 CCA RETURN RATE : RECOVERED 4 LTR OF WTR IN 50 MIN & DECREASING. >> 13 X 18 CCA : 0 PSI.
1830 - 2100	2.5	0	POST	N	WBCO	CIRC	MPMP	RIG	15384	15384			HPJSM, DISPLACE DRILL STRG TO 4-1/2" TOL W/ WATER BY PUMPER UNIT WITH 2 BPM (TOTAL 251 BBLS WATER), FDP @ 4000 PSI & WAIT TILL PRESSURE STABLIZE. >> MONITORED 9 X 13 CCA RETURN RATE : RECOVERED 4 LTR OF WTR IN 80 MIN & DECREASING. >> 13 X 18 CCA : 0 PSI.
2100 - 2230	1.5	0	POST	N	WBCO	WBCO	WBCL	CRW	15384	15384			WAIT FOR THERMAL EFFECT, SET CORETRAX LTTT PACKER & BLEED OFF PRESSURE BY 500 PSI INCREMENT TO ZERO PSI.
2230 - 0430	6	0	POST	N	WBCO	WBCO	WBCL	CRW	15384	15384			PERFORM NEGATIVE TEST ON 7" TOL AND 4-1/2" TOL. SEND HORNER PLOT TO MANAGER & DE - GOOD TEST.
0430 - 0459	0.5	0	POST	N	WBCO	WBCO	WBCL	CRW	15384	15384			TAQA CMT UNIT PRESSURED UP STRING TO 4,000 PSI. UNSET CORETRAX PACKER. ALLOW 40 MIN TO RELAX ELEMENT .... ON GOING @RPT. >> MONITORED 9 X 13 CCA RETURN RATE : RECOVERED 4 LTR OF WTR IN 130 MIN & DECREASING. >> 13 X 18 CCA : 0 PSI.

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LIMITED MORNING REPORT

HWYH-1328 WORKOVER-1 BI-60

01/14/2026 - 04/02/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations

Workover Objectives

Foreman Remarks

========== ARAMCO PERSONNEL ON LOCATION ==========
> AHMED AYDHEY, ARAMCO MCM #776185 ON LOCATION 01/14/2026.
> NAWAF ALSAHFI, ARAMCO MCM ID# 820752 OFF LOCATION 01/14/2026.
> BADER ALMANQARI, ARAMCO FCT ID# 832463 OFF LOCATION 01/7/2026.

==========THIRD PARTY PERSONNEL ON LOCATION ==========
> OES MUD ENG.
> FMC WELLHEAD ENG OFF LOCATION ON 01/26/2026
> ODFJELL TRS OFF LOCATION ON 01/26/2026
> TAQA PUMPER CREW ON LOCATION SINCE 01/26/2026
> CORETRAX ENGINEER ON LOCATION SINCE 01/25/2026

==========DPS VISITOR==========
> HOSSAM ELNAGAR LAST VISIT ON 1/07/2026
> MAHMOUD HAMED (DPS-45 SUPERINTENDENT) LAST VISIT ON 1/14/2026
> AMR TARIQ (HSE SUPERVISOR) LAST VISITE ON 10/06/2025

========== HSE ==========
1- RIG OSS 10 OBSERVATION.
2- DISCUSSED NEXT OPERATION PRECAUTIONS
3- DISCUSSED IMPORTANT OF HANDOVER
4- DISCUSSED SWA FOR LAST WEEK
5- HSE ALERT - 07-26 - CATWALK RAMP LIFTING POINT FAILURE

==========RENTAL DOWNHOLE==========

==========VACUUM / SPRAY TANKERS ==========
> VACUUM TANKER : DRSS - 3000370966, 4 TRUCK (2088 KSA , 2108 KSA, 7412-XSA, 2115-RXA)

==========NEXT LOCATION ==========
UTMN-3239 LOCATION READINESS - 100% AS PER WELLSITE.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	0	8API	N/A	0 Volts	0	9.5	68,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
85	0HTHP	84	24	0	10 / 14	KF	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	1	20	16	8 / 12	7.5	240	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	0	8API	N/A	0 Volts	0	9	68,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
85	0HTHP	84	24	0	9 / 13	KF	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	1	20	16	8 / 12	7.5	240	N/A

MUD TREATMENT

BARITE	CAUST	DUOVIS-NS
4 (5000L)	6 (55LB)	8 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	CALM	N/A	SEASONAL	4,497	TOURLY & AS REQUIRED

PERSONNEL AND SERVICES INFORMATION

Company	RZT	BLH	RIG	OES	MJH	RIG	RIG	ARM	SJC	ARM	CRW	OCS	SWL
Category	CTRG	LHES	RIG	DFMS	SEC	MED	OTHR	OTHR	PCS	WSC	WBCS	CSR	WLS
No. of Persons	14	1	41	1	8	1	11	1	2	2	1	3	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	12	10
Operating Hours.	0	0	24	24	24	12	12	12	5	24	24	0	0

Total 89

LIMITED MORNING REPORT

HWYH-1328 WORKOVER-1 BI-60

01/14/2026 - 04/02/2026

TRUCKS/BOATS	Standby/Tankers	Others	Others	Others		
	ARAMCO PICK UP E980	CONTRACTOR AMBULANCE	CONTRACTOR BUS	CONTRACTOR PICKUP		
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	185	407	N/A	N/A	500
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

UTMN-4096 DEVELOPMENT DRILLING BI-60

12/20/2025 - 02/07/2026

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DQ-47L @ UTMN-4096 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DQ-47L
Well: UTMN-4096
Wellbores: (0) UTMN_4096_0

Charge #: (66-24057-4096)
Wellbores: (0) UTMN_4096_0

Objective : (OIL PRODUCER IN UTMN, TARGETING ARBD-D RESERVOIR.)

Foreman(s): ABDELMAGED, BASAM ABDELMAGED
Engineer: ZAKI, MOHAMMED JAFER
Manager: ALSAFI, YOUSEF MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11193	0135784190	BAKER 0138 137813
OTHER VSAT	CONTRACTOR /CLERK VSA T	
DQ 013880 7799	0135784184	

Last 24 hr operations
RIH & PUMP LCM PILL #3, WAIT ON SOAKING, CONT. RSS DRILL 6-1/8" HORIZONTAL HOLE SECTION.

Next 24 hr plan
CONT. RSS DRILL 6-1/8" HORIZONTAL HOLE SECTION.

Location
128 KM FROM DHAHRAN MAIN GATE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,275	9 5/8	3881	3881	7	1,845	7,487	6,340

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7691	32.1 (12/27/2025@0330)	0	584	128	128

Formation Tops

Formations	Top Depth	Comments
BYDH	3,590	22' DEEPER
MDTM	4,415	MD, 4414' TVD (9' DEEPER)
SULY	4,926	MD, 4919' TVD (16' DEEPER)
HITH	5,568	MD, 5486' TVD (6' DEEPER)
ABAR	6,212	MD, 5950' TVD (1' SHALLOWER)
ARBB	6,271	MD, 5987' TVD (4' DEEPER)
ABBR	6,355	MD, 6039' TVD (1' DEEPER)
ARBC	6,396	MD, 6064' TVD (3' DEEPER)
ABCR	6,556	MD, 6146.5' TVD (3.5' SHALLOWER)
ARBD	6,794	MD, 6240.6' TVD (1.4' SHALLOWER)
PADS	7,324	MD, 6330' TVD (3' DEEPER)
BPDS	7,379	MD, 6334' TVD (7' DEEPER)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0500 - 0530	0.5	0	6 1/8	N	DRLG	CIRC	MPMP	RIG	7691	7691			RIH 6-1/8" RSS BHA TO 7430 FT, WASH DOWN FROM 7430' TO 7,611' (30' ABOVE LCZ). - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
0530 - 0545	0.25	0	6 1/8	N	DRLG	CIRC	MPMP	RIG	7691	7691			BREAK CIRCULATION W/ 87 PCF MUD PRIOR TO ACTIVATING PBL. - RECORD FLOW RATE AGAINST PRESSURE: 250 GPM/1820 PSI. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
0545 - 0615	0.5	0	6 1/8	N	DRLG	CIRC	DSBT	RIG	7691	7691			DROP 1.5" ACTIVATION BALL & OPEN PBL WITH 87 PCF WBM. - CONFIRMED OPENING BY PRESSURE DROP AND LOST MWD SIGNAL. - REMOVED THE RIG PUMP SCREEN DIRECTLY BEFORE PUMPING LCM. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
0615 - 0700	0.75	0	6 1/8	N	FISH	CIRC	MPMP	RIG	7691	7691			PUMP 100 BBL LCM PILL #3 (150 PPB) & DISPLACE SAME W/ 140 BBL 87 PCF MUD (2X STRING CAPACITY). - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
0700 - 0715	0.25	0	6 1/8	N	DRLG	HT	STRG	RIG	7691	7691			POOH WITH 6-1/8" RSS BHA INSIDE 7" LINER AT 7,430'. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
0715 - 0845	1.5	0	6 1/8	N	DRLG	CIRC	DSBT	RIG	7691	7691			CIRCULATE AND FLUSH WITH 3 STRING VOLUME (210 BBL 87 PCF MUD), DROP 2 X 1-3/8" STEEL DE-ACTIVATION BALLS, CIRCULATE & CLOSE PBL AT 1900 PSI. - CONFIRM CLOSING WITH MWD SIGNAL, OK. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
0845 - 1015	1.5	0	6 1/8	N	DRLG	HT	STRG	RIG	7691	7691			POOH TO 7,000' , WAIT FOR LCM SOAKING MEANWHILE: - RECIPROCATE STRING & BREAK CIRCULATION EVERY HALF HOUR. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
1015 - 1115	1	0	6 1/8	N	DRLG	HT	STRG	RIG	7691	7691			RIH BACK WITH 6-1/8" RSS BHA TO 7430 FT, WASH DOWN FROM 7430' TO BTM @ 7691'. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE.
1115 - 1200	0.75	0	6 1/8	N	DRLG	DCG	RSS	BHI	7691	7715			CONT. RSS DRILL 6-1/8" HZ HOLE FROM 7691' TO 7715' W/ WGS & 0% RETURN. - CONTINUOUSLY PUMPING 2 BPM 87 PCF MUD FROM BACK SIDE.
1200 - 1230	0.5	0	6 1/8	N	DRLG	PJSM	NA	RIG	7715	7715			HELD STAND DOWN MEETING & SHARED REEL SAFE 03-26 CATWALK LIFTING POINT FAILURE.
1230 - 0000	11.5	0	6 1/8	N	DRLG	DCG	RSS	BHI	7715	8125			CONT. RSS DRILL 6-1/8" HZ HOLE FROM 7715' TO 8125' W/ WGS AND 0% RETURN. - CONTINUOUSLY PUMPING 2 BPM 87 PCF MUD FROM BACK SIDE.
0000 - 0030	0.5	0	6 1/8	N	DRLG	PJSM	NA	RIG	8125	8125			HELD STAND DOWN MEETING & SHARED REEL SAFE 03-26 CATWALK LIFTING POINT FAILURE.
0030 - 0459	4.5	0	6 1/8	N	DRLG	DCG	RSS	BHI	8125	8275			CONT. RSS DRILL 6-1/8" HZ HOLE FROM 8125' TO 8275' W/ WGS AND 0% RETURN.

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LIMITED MORNING REPORT

UTMN-4096 DEVELOPMENT DRILLING BI-60

12/20/2025 - 02/07/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- WOB: 5-12 KLB, RPM: 90-120, TRQ (OFF/ON): 4/6.5 KLB-FT, FR: 250 GPM, SPP: 1900 PSI. - WASH UP & REAM DOWN 30' EVERY STAND DRILLED. - PUMP 10 / 15 BBLS LO-VIS / HI WEIGHTED PILL EVERY 45'. - CONTINUOUSLY PUMP 2 BPM 87 PCF MUD FROM BACKSIDE. - FOLLOWING PLAN "UTMN-4096_0_REV-G.0 (PWP)" & ARAMCO GOC INSTRUCTIONS. - WELL POSITION FROM PLAN: 7' ABOVE, 3' LEFT.

Foreman Remarks

UTMN-4069 WELL WHICH WILL BE DRILLED AS SINGLE LATERAL HORIZONTAL WELL. THE HORIZONTAL SECTION WILL BE PLACED ACROSS THE TOP OF ARAB-D RESERVOIR. THE WELL WILL BE COMPLETED WITH SLIDING SLEEVE ICDS LOWER COMPLETION & BAKER UPPER COMPLETION WITHOUT PDHMS.
==========WELL DATA==========
* 30" CSG PLAN / ACTUAL: 120' / 122'.
* 24" CSG PLAN / ACTUAL: 388' / 452' (+/- 50' TVD INSIDE RUS).
* 18-5/8" CSG (CONTINGENCY): 560' / 560' AS PER RCC.
* 13-3/8" CSG PLAN / ACTUAL: 2,239' / 2,262' (50' TVD INSIDE AHMADI).
* 9-5/8" CSG PLAN / ACTUAL: 3,868' / 3,883' (+/- 300' TVD INSIDE BIYADH).
* 7" LINER PLAN / ACTUAL: 7,302' MD - 6,327' TVD / 7490' MD - 6340' TVD (2' TVD ABOVE ABD1).
* 6-1/8" OPEN HOLE PLAN / ACTUAL: 12,079' MD - 6,307' TVD / XXXXX' MD - XXXX' TVD (TARGETING ARAB-D RESERVOIR.).
========== ARAMCO PERSONNEL ON LOCATION ==========
- MATERIAL COORDINATOR SAAD ALBUTY #8411035 ON LOCATION SINCE 1/26/2025.
========== BAKER LSTK OR CONTRACTOR ==========
- BAKER DSV: YAO/ AHMED. BAKER HSE: ABD ALNOUR.
========== SAFETY==========
- SHARED REEL SAFE 03-26 CATWALK LIFTING POINT FAILURE WITH BOTH SHIFTS.
- DISCUSSED HSE ALERT (08-26) ROUSTABOUT TWISTED ANKLE INJURY WITH BOTH SHIFTS.
- HSE AWARENESS SAFE MANUAL HANDLING TECHNIQUES.
- WELL CONTROL AWARENESS AND DISCUSSED MUD PARAMETERS WITH CREW RELATED TO OPERATION.
==========MWD/LWD SENSOR==========
- SENSOR OFFSET FROM BIT: NBI 5.39', NB GR 10.86', DEN 17.88', AZM CALIPER 20.23, NEUT 26.85', GR 35.61', PRESSURE 38.24, RES 42.8', DIRECTIONAL 48.77'.
==========NEXT WELL==========
NEXT WELL: UTMN-4803.
ASSIGNED WATER WELL: UTMN-3548.
APPROVED PROGRAM: NO.
APPROVED ERP: NO.
LOCATION READINESS: 80%.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	7,755	91.93	205.9	94	6,341	-630.26	-305.55	2,297.98	1.78
0	7,849	92.2	203.8	94	6,338	-656.24	-317.59	2,391.89	2.25
0	7,943	92.2	202.94	94	6,334	-682.52	-328.94	2,485.74	0.91
0	8,037	92.08	202	94	6,331	-708.98	-339.88	2,579.53	1.01
0	8,131	92.17	200.82	94	6,327	-735.64	-350.33	2,673.22	1.26
0	8,225	92.6	200.19	94	6,323	-762.45	-360.36	2,766.8	0.81

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	13.4	9	148,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	80	26	0	10 / 11	MUDCAP	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	23	20	9 / 10	0	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	0API	0	0 Volts	0	9	800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WATER	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
0	0	0	0	0 / 0	0	320	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
10RR	7,500	8,275	DP Av	DC Av	Bit HHP	10	120	M233	6.125	HTC
Pressure	**GPM**	**Jet Vel**	284.79	N/A	65	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,800	250	207				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
7919482	DD406VX	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	144	175	N/A	7,000		1
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

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LIMITED MORNING REPORT

UTMN-4096 DEVELOPMENT DRILLING BI-60

12/20/2025 - 02/07/2026

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saudi aramco

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
24	Drillpipe	RIG	4	1	4	3.34	31	638.93	XT39	XT39	14	51,431.541	XD105	PREM	
23	Heavy Weight Drillpipe (HWDP)	RIG	4	8	4	2.562	246.55	607.93	XT39	XT39	28.46	50,997.541		CONV	
22	Hydraulic Jar	NPC	4.75	1	4.75	2.25	28.92	361.38	XT39	XT39	1,200	43,980.728			HJDA-500-0007
21	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	6.66	92.45	332.46	XT39	XT39	26.24	9,276.728		CONV	RIG
20	Dogleg Reamer	NPD	6.125	1	6.125	2.625	6.08	240.01	XT39	XT39	1	6,850.84			SRS4M4834
19	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.562	92.46	233.93	XT39	XT39	28.46	6,844.76		CONV	RIG
18	Crossover	RIG	4.75	1	4.75	2.25	1.57	141.47	XT39	NC38	0	4,213.348			14306
17	PBL (Multiple Activation By Pass)	BWC	4.75	1	4.75	2.25	7.88	139.9	NC38	NC38	0	4,213.348			NOR475 BP709M
16	FIlter Sub	BHI	4.75	1	4.625	2	5.55	132.02	NC38	NC38	0	4,213.348			15673369
15	Float Sub	BHI	4.75	1	4.75	2.25	3.3	126.47	NC38	NC38	21.4	4,213.348			14918507
14	Crossover	BHO	4.75	1	4.75	2.25	2.7	123.17	NC38	XT39	0	4,142.728			15374517
13	Component Not listed	BHI	5.15	1	4.75	1.417	35.83	120.47	XT39	XT39	1	4,142.728			0
12	Crossover	BHO	4.75	1	4.75	2.25	2.93	84.64	XT39	NC38	50	4,106.898			13541753
11	Stabilizer	BHI	5.875	1	4.75	2.25	5.47	81.71	NC38	NC38	1	3,960.398			ZSTB0702128Q
10	Stop Sub	BHI	4.75	1	4.75	2.25	2.7	76.24	NC38	T2	0	3,954.928			15865639
9	BCPM. Bi-directional Communication and Power Module	BHI	5.125	1	5.125	2.25	17.14	73.54	4 3/4 T2	4 3/4 T2	52.68	3,954.928			15894460
8	Modular Stabilizer	BHI	5.75	1	4.75	1.575	3.1	56.4	4 3/4 T2	4 3/4 T2	1	3,051.993			14553827
7	Measurement While Drilling (MWD)	BHI	4.75	1	4.75		20.15	53.3			64.14	3,048.893			12649775
6	Modular Stabilizer	BHI	5.75	1	5	1.75	3.2	33.15	4 3/4 T2	4 3/4 T2	1	1,756.472			15311904
5	Logging While Drilling (LWD)	BHI	4.75	1	4.75		14.38	29.95			68.32	1,753.272			13522859
4	Modular Stabilizer	BHI	6	1	4.75	2.264	2.61	15.57	4 3/4 T2	4 3/4 T2	1	770.83			16205095
3	Gamma Sub	BHI	5.156	1	5.156	1.5	4.2	12.96	4 3/4 T2	4 3/4 T2	1	768.22			NB GAMMA 14131364
2	RSS	BHI	4.75	1	4.75	1	8.14	8.76	4 3/4 T2	3 1/2 REG	93.86	764.02			15726648
1	Bit	HTC	6.125	1	6.125		0.62	0.62	3.5" REG			0			7919482

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	01/24/2026	NORMAL	N/A	WARM DAY, COLD NIGHT	4,131	STAND-DOWN

PERSONNEL AND SERVICES INFORMATION

Company	ARM	TGC	BHI	RIG	BDF	MJH	TK2	RIG	ARM	OTH	TK2
Category	WSC	CTRG	DPDS	RIG	DFMS	SEC	OTHR	OTHR	OTHR	VAC	WSC
No. of Persons	1	16	2	53	2	6	2	9	1	7	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	10	24
Operating Hours.	24	0	24	24	24	0	12	12	12	10	24

Total
101

TRUCKS/BOATS

Standby/Tankers
E984

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	2600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/15/2020 - 02/05/2026

أرامكو السعودية
saudi aramco

DQ-48L @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DQ-48L
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (SDGM-1806 WELL WILL BE DRILLED AS SINGLE LATERAL WATER DISPOSAL)

Foreman(s): ALMAGDAD, ABDULLAH EBRAHIM / ABORSHAID, MOHAMMAD ABDULHAMEED
Engineer: ALNUWAISER, AHMAD SALEH / ALJAAFARI, REEM ZIAD
Manager: BENAICHA, MOHAMED

RIG FORMAN VSAT	OTHER VSAT	CONTRACTOR /CLERK VSAT
3788301	BAKER DSV 8137266	6732772

Last 24 hr operations: RIG UP OPERATIONS ON SDGM-1806.

Next 24 hr plan: CONT.BRIG UP OPERATIONS ON SDGM-1806.

Location: SDGM BRIDGE, THEN FOLLOW SIGN BOARDS

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RU	NA	RIG					R/U OPERATION ON SDGM-1806: - MAINTENANCE MAIN CAMP ROOMS ...ON GOING - MAINTENANCE & REPAIR MUD CHEMICIAL BASKETS... ON GOING - CONT. MPI INSPECTION OF 4" DP ...ON GOING. - PERFORM FIRE ATTACK TRAINNING & DRILLS WITH BOTH CREW. - MAINTENANCE ON SWACO CHOKE CONTROL PANEL. - CONT. CONNECT CHOKE MANIFOLD TO FLARE LINE . - PRESSURE TEST CHOKE MANIFOLD (300/5000 PSI) & FLARE LINE (300/1200PSI). - OFFLOAD CHEMICALS. - GENERAL HOUSE KEEPING. MOBILIZATION: 100% R/U: 97%. EXPECTED TO BE READY FOR PCI: 31 JAN 2026

Foreman Remarks

SDGM-1806 WELL WILL BE DRILLED AS SINGLE LATERAL WATER DISPOSAL (WD) TARGETING AD2A. THE WELL WILL BE COMPLETED AS OPEN HOLE.
==========WELL DATA==========
* 30" CSG (CONTINGENCY).
* 24" CSG PLAN / ACTUAL: 387' / XXX' (50' TVD INSIDE RUS).
* 18-5/8" CSG (CONTINGENCY).
* 13-3/8" CSG PLAN / ACTUAL: 2,808' / XXXX' (50' TVD INSIDE AHMADI).
* 9-5/8" CSG PLAN / ACTUAL: 4,201' / XXXX' (+/- 300' TVD INSIDE BIYADH).
* 7" LINER PLAN / ACTUAL: 7,980' MD - 7,023' TVD / XXXX' MD - XXXX' TVD (5' TVD INSIDE AD2A).
* 6-1/8" OPEN HOLE PLAN / ACTUAL: 12,226' MD - 7,482' TVD / XXXXX' MD - XXXX' TVD (TARGETING ARAB-D RESERVOIR).
========== ARAMCO PERSONNEL ON LOCATION ==========
- DRILLING FOREMAN SALEM ALHARBI #759513 ON LOCATION.
- MATERIAL EXPEDITOR ABDULKHALEQ S. ALGHAMDI 8341435 ON LOCATION.
- HSE ADVISOR/ ENVIRONMENTAL COORDINATOR RONALD TORRES #8205385 ON LOCATION.
========== BAKER LSTK OR CONTRACTOR ==========
- BAKER DSV: ALI/ ABDULLAH.
- BAKER HSE: EBRAHIM / JERRY
========== SAFETY==========

==========NEXT WELL==========
NEXT WELL: UTMN-4123
ASSIGNED WATER WELL: N/A
APPROVED PROGRAM: N/A
APPROVED ERP: N/A
LOCATION READINESS: 0%

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	NORMAL	2,090	STAND-DOWN

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BDF	TK2	RIG	ARM	TK2	ARM	Total
									92

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/15/2020 - 02/05/2026

	Category	CTRG	RIG	DFMS	OTHR	OTHR	OTHR	WSC	WSC
	No. of Persons	17	51	1	2	14	2	2	3
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
	Operating Hours.	0	24	24	24	24	24	24	24

TRUCKS/BOATS

Standby/Tankers
Aramco vehicle B-893

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	3800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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NEW RIG MOBILIZATION BI-MOB

05/03/2019 - 02/01/2026

أرامكو السعودية
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DQ-49L @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DQ-49L
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (DRILL SINGLE LATERAL PRODUCER (PHZ) TARGETING ARBD RERVOIR)

Foreman(s): KHATER, MOHAMED HAMDY / SHAKHS, ZAID MOHAMMADHUSSAIN
Engineer: ALTARTEER, HATIM ABDULQADER
Manager: BENAICHA, MOHAMED

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12662	013-378798 0 (FOREMAN)	013-576312 3

Last 24 hr operations
CONTINUE WORK IN CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS.

Next 24 hr plan
CONTINUE WORK IN CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS.

Location
103.5 KM FROM DHAHRAN MAIN GATE, 41.58 KM FROM ABQIQ MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL PERSONNEL & DISCUSSED DAILY ACTIVITIES; - COMMUNICATION PROPER SIGNALS, FALL PROTECTION, PPE. - GOOD SUPERVISION ALL THE TIME FROM RIG KEY PERSONNEL. - UTILIZING HAND FREE TOOLS DURING OPERATIONS, HAND AND FINGER INJURY PREVENTION. - FLAG MAN POSITION WHILE FORKLIFT MOVING. - STOP WORK AUTHORITY IMPLEMENTATION.
0530 - 0459	23.5		PRE	M	MAIN	RU	NA	RIG					DOECD PERFORM PRE-COMMENCEMENT INSPECTION. WORKING ON CLOSING DOECD PRE-COMMENCEMENT INSPECTION FINDINGS; - PCI AUDIT PROGRESS : SAFETY 100%, WCI: 100% & ENV 100% & OPS 100 % - DOECD SCOPE OF THE PCI (PRE-COMMENCEMENT INSPECTION); - 4 EA CHECKLISTS TO BE RUN: WELL CONTROL, ENVIRONMENTAL, SAFETY AND OPERATION. - FINDINGS FOR WCEI: 29 ITEMS (P-1: 29, P-2 =0, P-3=0) CLOSING PERCENTAGE 100 % - FINDINGS FOR ENV : 38 ITEMS (P-1: 11, P-2 =27, P-3=0) CLOSED ITEMS PERCENTAGE 100% - FINDINGS FOR SAFETY: 115 ITEMS (P-1: 74, P-2 =40, P-3=1) CLOSED ITEMS PERCENTAGE 98% - FINDINGS FOR OPS: 88 ITEMS (P-1: 27, P-2 =54, P-3=9) CLOSED ITEMS PERCENTAGE 98% - *DAILY ACTIVITIES* - CLOSING PCI AUDIT FINDINGS....ONGOING. - WORK ON PRE-SPUD CHECKLIST...ONGOING. - - RIG UP: 98% - DAYS SINCE DOECD START PCI AUDIT: 14-JAN. - DOECD CONDUCTED CLOSE OUT MEETING ON 1/19/2026 @ 05:00 PM - DAYS SINCE MOBILIZATION START: 43 DAYS. - PLAN TO CLOSE ALL OPEN ITEMS & SPUD IN ON WEDNESDAY 1/28/2026.

Foreman Remarks

OBJECTIVE:-
SDGM-1507 WILL BE DRILLED AS A SINGLE LATERAL PRODUCER (PHZ) TARGETING ARBD RESERVOIR. THE WELL WILL BE COMPLETED WITH LOWER COMPLETION AND BAKER UPPER COMPLETION WITHOUT PDHMS.
==========ERP & SAFETY REQUIREMENT==========
- THIS WELL IS NOT CONSIDERED IN A POPULATED AREA
- WATER WELL: SDGM-3525 & SDGM-3536
========== WELL DESIGN ==========
- 28" HOLE, 24" CONDUCTOR PROPOSAL @ 632' MD/TVD (50' INSIDE RUS FM).
- 17" HOLE, 13-3/8" CSG PROPOSAL @ 1,725' MD/TVD (50' TVD INTO AHMADI FM).
- 12-1/4" HOLE, 9-5/8" CSG @ 4,429' MD/TVD (300' TVD INTO BIYADH).
- 8-1/2" HOLE, 7" CSG @ 7,807'MD/ 6,864' TVD (2' ABOVE ABD1).
- 6-1/8" HOLE, @ 10,761'MD/ 6,949' TVD OPEN HOLE LATERAL INSIDE ARBD RESERVOIR.
==========ARAMCO PERSONNEL ON LOCATION==========
- ME ABDULHADI ALABBAD# 818862 ON LOCATION SINCE 01/23/2026.
==========VISITS==========
- ALI ALYAMI BAKER SUPT. VISITED THE RIG ON 1/27/2026.
==========REMARKS==========
- FLARE GUN & 10 SHELLS RECIEVED ON 1/4/2026.

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

05/03/2019 - 02/01/2026

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saudi aramco

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,173	STOP WORK AUTHORITY MEETING DONE WITH ALL RIG CREW

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BDF	TK2	RIG	ARM	TK2	ARM
Category	CTRG	RIG	DFMS	OTHR	OTHR	OTHR	WSC	WSC
No. of Persons	15	52	1	4	15	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	12	24	24	24

Total
92

TRUCKS/BOATS

Standby/Tankers
B967

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	190	0	0	0

REPAIR ASAP

Instrumentation	Other
WAITING ON THURAYA PHONE AND ACCESSORIES.	ECC RADIO REPLACEMENT.

Reporter

Computer, Communication & V-Sat Issues

- ECC RADIO REPLACEMENT. - WAITING ON THURAYA PHONE AND ACCESSORIES.

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

HRML-826 DEVELOPMENT DRILLING BI-60

01/10/2026 - 03/19/2026

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DQ-50L @ HRML-826 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DQ-50L
Well: HRML-826
Wellbores: (0) HRML_826_0

Charge #: (66-24085-0826)
Wellbores: (0) HRML_826_0

Objective : (HORIZONTAL WATER SOURCE WELL IN BYDH RESERVOIR.)

Foreman(s) WILKINS, DANIEL ARTHUR / ELMAHDY, AMR ADEL
Engineer CHERESHNIUK, VITALII
Manager BENAICHA, MOHAMED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12365	5784360 (F OREMAN)	8137807 (B AKER)
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
5784362 (C LINIC)	5784361 (C LERK)	

Last 24 hr operations
DRILL 22" HOLE TO 2608 FT, POOH 22" BHA TO SURFACE, RIH BACK 22" BHA.

Next 24 hr plan
RIH BACK 22" BHA TO BTM, DRILL 22" HOLE SECTION TO CSG PT AT 2865 FT (300' INSIDE LAMS), CHC, POOH 22" BHA TO SURFACE, RIH 18 5/8" CSG.

Location
HWIYAH TOWARD FADHILA, TURN LEFT FOR 38KM DIRECTION OF HARMALIYAH, FOLLOW SIGNE BOARD, SKID ROAD 8

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
2,608	24	826	826				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2390	5.5 (01/22/2026@1800)	0	218	200	278

Formation Tops

Formations	Top Depth	Comments
RUS	760	54 FT SHALLOWER AS PER RCC
UMER	860	63 FT SHALLOWER AS PER RCC
ARUM	1,980	14 FT DEEPER AS PER RCC
LAMS	2,565	31 FT SHALLOWER AS PER RCC

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 2015	15.25	0	22	N	DRLG	D	TDS	RIG	2390	2608			ROTARY DRILL 22" HOLE FROM 2,390 FT TO 2,608 FT W/ FLY MIX MUD & GEL SWEEPS WITHOUT RETURN. - HAD SLOW ROP FROM 2,565 FT. - WOB: 40-60 KLBS, FLOW RATE: 850 GPM, SPP: 1420 PSI, RPM: 100, TQ: 8-15 KFT-LB. - PUMP 2X 100 BBL CAUSTIC PILL AT 2597 FT, AND 2601 FT. - PUMP 100 BBL CITRIC ACID PILL AT 2,603 FT. - SWEEP HOLE WITH 50 BBL HVP EVERY 30 FT DRILLED. - SPOT 50 BBL HVP ON BTM BEFORE CONNECTION. - BACK REAM & REAM DOWN EACH DRILLED STD. - PUMP 65 PCF MUD CAP FROM BACKSIDE AT 2 BPM. - DECISION MADE TO POOH FOR SLOW ROP.
2015 - 2115	1	0	22	N	DRLG	CIRC	MPMP	RIG	2608	2608			SWEPT HOLE W/ 75 BBL HI-VIS PILL. - CONTINUOUSLY PUMPING 65 PCF MUD CAP IN BACK SIDE @ 2 BPM.
2115 - 2330	2.25	0	22	N	DRLG	ST	STDP	RIG	2608	2608	2608	1082	POOH W/ 22" ROTARY BHA AS WIPER TRIP TO 24" CASING SHOE @ 825 FT, - HOLE IN GOOD CONDTION. - PUMP 65 PCF MUD CAP FROM BACKSIDE.
2330 - 0345	4.25	0	22	N	DRLG	TO	BHA	RIG	2608	2608	1082	0	CONT POOH W/ 22" ROTARY BHA TO SURFACE, CHECK 22" REAMERS, SHOCK SUB, BIT. FOUND 22" REAMERS, BIT IN GOOD CONDITION AND NO BALLING. - BIT DULL: 1-1-WT-A-E-I-BT-BHA. - PUMP 65 PCF MUD CAP FROM BACKSIDE.
0345 - 0415	0.5	0	22	N	DRLG	RR	TDS	RIG	2608	2608			SERVICE TDS AND HOUSEKEEPING RIG FLOOR. - PUMP 65 PCF MUD CAP FROM BACKSIDE.
0415 - 0459	0.75	0	22	N	DRLG	TI	BHA	RIG	2608	2608	0	160	RIH BACK W/ 22" ROTARY BHA TO 160 FT. - M/U 22" BIT (TYPE: VGA-C310H, S/N: Z722ZT, NOZZLE 3*14+3*16), - CONTINUOUSLY PUMPING 65 PCF MUD CAP IN BACK SIDE @ 2 BPM.

Foreman Remarks

========== HRML-826 WELL OBJECTIVE ==========
HRML-826 WELL WILL BE DRILLED AS HORIZONTAL WATER SOURCE WELL IN BYDH RESERVOIR. THE WELL WILL BE COMPLETED WITH DOWN HOLE SAND SCREENS AND 10" SUPER DUPLEX ESP WITH DOWNHOLE INJECTION VALVE INSTALLED ON A 7" CHROME-13% TUBING LINED WITH GRE AND 7-1/16" WELLHEAD. ACID WASH IS REQUIRED.

========== SAFETY ==========
- DISCUSS PTW, LINE OF FIRE, PINCH POINTS & IMPORTANCE OF STOP WORK AUTHORITY (SWA).
- ONGOING SAFETY COMPAIGN: HAND & FINGER INJURY PREVENTION.
- DISCUSSED REEL-SAFE 03-26CATWALK RAMP LIFTING POINT FAILURE

==========WELL DATA==========
- 24" CSG PLAN / ACTUAL: 864' / 826' (66' TVD INTO RUS).
- 18-5/8" CSG PLAN / ACTUAL: 2,896' / XXXX (300' TVD INSIDE LAMS).
- 13-3/8" CSG PLAN / ACTUAL: 5,607' MD/ 5,356' TVD / XXXX' (300' MD INTO BYDH).
- 9-5/8" LNR PLAN / ACTUAL: 6,697 MD'/ 5,827' TVD / XXXX' (TE INSIDE BYDH).
- 8-1/2" OH PLAN / ACTUAL TD: 11,488'MD / 5,853' TVD.

========== ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO FCT ABD ULRAHMAN ALAKLABI 790987 ON LOCATION SINCE 21-JAN.
- ARAMCO MATERIAL EXPEDITOR ALHARBI, AHMED M ARRIVED RIG SINCE 27-JAN.

LIMITED MORNING REPORT

HRML-826 DEVELOPMENT DRILLING BI-60

01/10/2026 - 03/19/2026

========== RIG VISIT ==========
==========SERVICE COMPANY, RENTAL TOOLS & OTHERS==========

========== ========== NEXT LOCATION ==========
- HRML-830 (LOCATION READINESS: XXXXX %).
- DP / ERP : NO / NO.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	3.79	10	800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	96	11	0	4 / 4	MUDCAP	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
35	0	8	4	4 / 4	2.5	360	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	3.79	10	800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	96	31	0	14 / 17	MUDCAP	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
75	0	11	4	13 / 14	30	360	0

MUD TREATMENT

BENT	CAUST	XANPLEX-D	NEWDRLPLUS
15 (2200L)	40 (55LB)	80 (55LB)	235 (55LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
2RR	826	2,608	DP Av	DC Av	Bit HHP	30	100	435	22	HTC
Pressure	**GPM**	**Jet Vel**	45.39	52.91	161	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,300	850	205				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
Z210ZT	VGAC310H	3 x 16 / 3 x 18	1.335							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	5	170	170	170	8		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
			0				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5	1	5	4.276	30	1,111.94	NC50	NC50	19.5	174,639.63	G105	PREM	
13	Heavy Weight Drillpipe (HWDP)	RIG	5	18	5	3	553.58	1,081.94	NC50	NC50	49.5	174,054.63		SPRL	RIG
12	Crossover	RIG	6.625	1	6.625	2.813	2.66	528.36	NC50	6 5/8 REG	150	146,652.42			3341
11	Drillcollar	RIG	8.5	2	8.5	2.185	60	525.7	6 5/8 REG	6 5/8 REG	190	146,253.42		SLCK	
10	Mechanical Jar	BFW	9.5	1			30.77	465.7	6 5/8" REG	6 5/8" REG	190	134,853.42			HJDA-950-0022
9	Drillcollar	RIG	8.5	6	8.5	2.185	180.9	434.93	6 5/8 REG	6 5/8 REG	190	129,007.12		SLCK	
8	Crossover	RIG	9.5	1	9.5	2.813	3.16	254.03	6 5/8 REG	7 5/8 REG	217	94,636.12			3004
7	Drillcollar	RIG	9.5	6	9.5	2.813	182.67	250.87	7 5/8 REG	7 5/8 REG	217	93,950.4		SPRL	RIG
6	Roller Reamer	BHI	22	1	9.5	2.75	8.85	68.2	7 5/8 REG	7 5/8 REG	190	54,311.01		3 POINT	59085-1
5	Drillcollar	RIG	9.5	3	9.5	3	30.03	59.35	7 5/8 REG	7 5/8 REG	217	52,629.51		SLCK	3334
4	Roller Reamer	BHI	22	1	9.5	2.75	7.35	29.32	7 5/8 REG	7 5/8 REG	190	46,113		3 POINT	1437
3	Shock Sub	NPC	12	1	12	3	11.02	21.97	7 5/8 REG	7 5/8 REG	3,900	44,716.5			ST-1200-0012
2	Near Bit Roller Reamer	BHI	22	1	20	3.25	9.15	10.95	7 5/8 REG	7 5/8 REG	190	1,738.5		3 POINT	1439
1	Bit	HTC	22	1	22		1.8	1.8	7 5/8" REG		0	0			Z210ZT

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	N/A	SEASONAL	2,301	SAFETY STAND DOWN MEETING

PERSONNEL AND SERVICES INFORMATION

Company	BCR	TGC	RIG	BDF	MJH	TK2	RIG	ARM	BCM	TK2	ARM
Category	CSR	CTRG	RIG	DFMS	SEC	OTHR	OTHR	OTHR	PCS	WSC	WSC
No. of Persons	3	18	51	1	6	1	17	2	3	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	24	24	24	24	24	24	24

Total
106

LIMITED MORNING REPORT

HRML-826 DEVELOPMENT DRILLING BI-60

01/10/2026 - 03/19/2026

TRUCKS/BOATS	Standby/Tankers	Others					
	ARAMCO VEHICLE B884	RIG AMBULANCE					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX	
	N/A	N/A	N/A	N/A	N/A	3500	
REPAIR ASAP	Instrumentation	Other					Reporter
	Computer, Communication & V-Sat Issues						

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Username: YUAYANAL
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

KHRS-516 WORKOVER-4 BI-90

01/20/2026 - 01/30/2026

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DQ-57L @ KHRS-516 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DQ-57L
Well: KHRS-516
Wellbores: (0-2) KHRS_516_2

Charge #: (61-25051-0516)
Wellbores: (0-2) KHRS_516_2

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): IBRAHIM, MOHAMED IBRAHIM
Engineer: HARTHI, SULTAN MOHSIN
Manager: SAUD, MAHER IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2825	0135784185	013 578 40 79
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
053 137 05 12 RM	0138137249 WFD DSV	

Last 24 hr operations
SET HGR,DISPLACE TO INH BRINE,SET PLUG,SET PKR,PT TCA , SETSHALLOW PLUG ,ND BOP , NU BONNET AND FEED THROUGHT CABLE, NU X-TREE ,

Next 24 hr plan
RETRIVE PLUGS , R/U FLOW BACK EQUIEPMTN , FUNCTION TEST ESP

Location: 249 KMS FROM DMG
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,215	9 5/8	5175	4993	7	4,962	6,531	5,475

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9215	3.8 (01/24/2026@1000)	90	0	249	249

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0830	3.5	0-2	EOW	C	COMP	HT	ESPL	BAL	9215	9215			RMS INSTALL PENETRATOR THROUGH TBG HGR. P/T EACH PENETRATOR LEAD T/ 2500 PSI FOR 10 MIN - OK. - INSTALL PROTECTOR ON ESP POWER CABLE. - PERFORM INTEGRITY TEST AND RECORD ZENITH READINGS. KEEP RUNNING TRIP TANK WITH 64 PCF VISCOUS WATER
0830 - 0930	1	0-2	EOW	C	COMP	HT	TBG	RIG	9215	9215			HPJSM, LAND TUBING HANGER. - FULL OPEN LOCK DOWN SCREWS 4 3/4 ". DRAIN BOP & TIGHTEN LOCK DOWN SCREWS
0930 - 1200	2.5	0-2	EOW	C	COMP	RTRV	PLUGT	MSL	9215	9215			R/U TAQA SL & PRESSURE TEST SAME TO 2,000 PSI. - RIH & RETRIEVE PTP
1200 - 1430	2.5	0-2	EOW	C	COMP	CIRC	MPMP	RIG	9215	9215			DISPLACE WELL (REVERSE CIRC.) WITH 300 BBLS OF 64 PCF SOLID FREE INHIBITED WATER MAX RATE 3 BPM. MAX PRESSURE 350 PSI.
1430 - 1500	0.5	0-2	EOW	C	COMP	CIRC	MPMP	RIG	9215	9215			FLOW CHECK
1500 - 1830	3.5	0-2	EOW	C	COMP	SET	PLUGN	MSL	9215	9215	4768	4768	TAQA S/L PERFORMED THE FOLLOWING -SET PX PLUG IN 3 1/2" X-NIPPLE BELOW PACKER AT 4,768' . P/T PX PLUG TO 500 PSI - NOT HOLDING, RETRIEVE 3-1/2" PX PLUG -FOUND DAMAGE IN UPPER PART OF PX PLUG
1830 - 2030	2	0-2	EOW	C	COMP	SET	PLUGT	MSL	9215	9215	4750	4750	SET WFD 3-1/2" SLICK PLUG @ 4750', P/T PLUG TO 500 PSI- OK S/L RIH & SET JUNK CATCHER -POOH
2030 - 2100	0.5	0-2	EOW	C	COMP	SET	PKR	BAL	9215	9215	4709	4709	HPJSM, SET 9-5/8" ESP PACKER @ 4,709'. - GRADUALLY PRESSURE UP TBG IN 500 PSI STEPS TO 3500 PSI. - HELD 3500 PSI FOR 15 MIN. - BLEED OFF TBG PRESSURE SLOWLY TO ZERO. - KEPT TCA OPEN WHILE SETTING PACKER
2100 - 2130	0.5	0-2	EOW	C	COMP	PTST	PKR	RIG	9215	9215			P/T TCA TO 1000 PSI FOR 10 MIN - OK. - BLEED OFF TCA PRESSURE SLOWLY AS PER BAKER RECOMMENDATION. - TBG OPEN WHILE P/T TCA. - BAKER PERFORMED ESP CABLE INTEGRITY TEST AND RECORD ZENITH READINGS
2130 - 2300	1.5	0-2	EOW	C	COMP	SET	PLUGT	MSL	9215	9215	200	200	S/L RIH & SET 4 1/2" WFD SL PLUG WITH JUNK CATCHER (2 RUNS) @ 200'. - PRESSURE TEST 4 1/2" SLICK PLUG TO 2,500 PSI, OK. - R/D SLICK LINE.
2300 - 0030	1.5	0-2	EOW	C	BOP	ND	BNIP	RIG	9215	9215			RMS DISCONNECTED PENETRATOR TEST LEADS FROM MAIN POWER CABLE ABOVE TBG HGR. - L/D 4 1/2" N.VAM LANDING JOINT.
0030 - 0130	1	0-2	EOW	C	BOP	ND	BNIP	RIG	9215	9215			HPJSM, DISCONNECT FLOW LINE, N/D BELL NIPPLE. R/D V-DOOR & CATWALK
0130 - 0230	1	0-2	EOW	C	BOP	ND	BOP	RIG	9215	9215			

LIMITED MORNING REPORT

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KHRS-516 WORKOVER-4 BI-90

01/20/2026 - 01/30/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													HPJSM, N/D 13 5/8" 5M BOP STACK & RELATED EQUIPMENT.
0230 - 0330	1	0-2	EOW	C	WH	NU	WH	RIG	9215	9215			N/U NEW FMC 11" X 4 1/16" 3M ROTATING TBG BONNET
0330 - 0430	1	0-2	EOW	C	COMP	HT	ESPL	BAL	9215	9215			RMS FEED CABLE THROUGH BONNET & TERMINATE WIRES. - P/T BONNET CAVITY T/ 2500 PSI FOR 10 MIN, OK. - CHECK INTEGRITY & RECORD ZENITH READINGS.
0430 - 0459	0.5	0-2	EOW	C	BOP	A	BOP	RIG	9215	9215			N/U NEW 4 1/16" 3M FMC X-MASS TREE . - ORIENT WING VALVE TO EAST AND OPERATOR VALVES TO NORTH AS PER ORIGINAL WELLHEAD ORIENTATION. - R/U SURFACE LINE TO X-MASS TREE WING VALVE & FLOWBACK UP STREAMLINE. - P/T X-MASS TREE AGAINST 4 1/2" SLICK PLUG TO 2500 PSI, FOR 10 MIN - OK

Workover Objectives

Foreman Remarks

ODF CORRECTION: - 4.95'
===== WINDOW DATA & DIRECTIONAL DRILLING =====
- N/A.
===== JOURNEY MANAGEMENT PLAN =====
- FOLLOW SIGN BOARDS: HUFOF/KHRS HIGHWAY, KHRS FIELD 270 KM FROM DMG.
- IF NEEDED CALL RIG DQ-57L AT (0135784185 / 0138137249 / THURAYA +8821677712825).
- ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT, 4X4.
- ALL VEHICLES SHOULD FOLLOW OFFICIAL ROAD & SIGN BOARD.
- THERE IS SIGNAL IN THE SKID ROAD, BETTER TO HAVE THURAYA PHONE IF AVAILABLE.
===== ERP =====
GOR: 280 SCF/STB, H2S: 3 % & RER 1/2 LFL: 107 M, RER 30 PPM: 864 M, RER 100 PPM: 468 M.
STAGING AREA#1 LOCATED 0.95 KM SSE OF THE WELL KHRS-516, (N: 24.94883; E: 48.15935).
STAGING AREA#2 LOCATED 0.95 KM W OF THE WELL KHRS-516, (N: 24.95625; E: 48.14808).
===== SAFETY =====
PRE TOUR MINUTES MEETINGS (02): WEEKLY MEETINGS: (02)
- STOP CARDS (25) PTW: (05) JSA: (09), NEAR MISS (00), INCIDENTS: (00)
- DRILLS: PIT DRILL (00), TRIP DRILL (02), H2S DRILL (00), FIRE DRILL (00), CONFINED SPACE DRILL (00),
HSE ALERT - 08-26 - ROUST ABOUT ANKLE TWISTED.
HSE ALERT - 09-26 - TRUCK ROOLOVER
HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGED
========PERSONNEL ON LOCATION =====
- MATERIAL EXPEDITOR BANDER ALJOHANI ID# 8424238 ON LOCATION SINCE 1/19/2026.
=====WFD POB =====
- WFD LSTK DSV'S: SAMEH & ANAS, WFD HSE: SAAD
===== RENTAL EQUIPMENT =====
- NONE.
===== ON LOCATION EQUIPMENT =====
- NONE.
===== NEXT LOCATIONS =====
- KHRS-558: KOM HELD ON 4 DEC 2025: STRIP-OUT 100%, WELLSITE 70%
- KHRS-28: KOM HELD ON 18 JAN 2026: STRIP-OUT 0%, WELLSITE 0%
- KHRS-573: KOM HELD ON 18 JAN 2026: STRIP-OUT 0%, WELLSITE 0%
- KHRS-574: KOM HELD ON 18 JAN 2026: STRIP-OUT 0%, WELLSITE 0%
- KHRS-510: KOM HELD ON 18 JAN 2026: STRIP-OUT 0%, WELLSITE 0%
- KHRS-182: KOM HELD ON 22 JAN 2026: STRIP-OUT 0%, WELLSITE 0%
- KHRS-576: KOM HELD ON 22 JAN 2026: STRIP-OUT 0%, WELLSITE 0%

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/25/2026	N/A	MILD	N/A	COLD	2,257	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	BAL	OCS	TGC	RIG	TK4	RIG	ARM	TK4	ARM	WWW	MSL
Category	ALS	CSR	CTRG	RIG	OTHR	OTHR	OTHR	WSC	WSC	WTSE	SLS
No. of Persons	7	3	15	45	1	31	1	2	1	8	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	8	0	24	12	24	12	24	24	0	24

Total 117

TRUCKS/BOATS

Standby/Tankers	Others
ARAMCO VEHICLE # e-929	ambulance

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX

LIMITED MORNING REPORT

KHRS-516 WORKOVER-4 BI-90

01/20/2026 - 01/30/2026

	N/A	N/A	N/A	0	0	0
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					
	PRINTERS AND SCANNERS NOT WORKING WITH NEW PC'S.					

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LIMITED MORNING REPORT

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KHRS-453 WORKOVER-1 BI-60

01/03/2026 - 02/20/2026

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DQ-58L @ KHRS-453 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: DQ-58L
Well: KHRS-453
Wellbores: (1-3) KHRS_453_4

Charge #: (71-25051-0453)
Wellbores: (1-3) KHRS_453_4

Objective : (DRILL PILOT HOLE THEN SIDETRACK THE WELL AS A SINGLE LATERAL IN ARBD)

Foreman(s): DJAAFRI, ABDERRAHMANE
Engineer: PANNEERCHELVAM, P DHINESH KUMAR / ALQAHTANI, FAISAL SAEED
Manager: SAUD, MAHER IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4201	578 4851	578 4501

CONTRACTOR /CLERK VSA T: 578 4791

Last 24 hr operations
RIH WITH WFD RES LOGGING TOOLS (PRESSURE POINT AND SAMPLES), RECORD PRESSURE POINTS.

Next 24 hr plan
RECORD RES LOG (PRESSURE POINT AND COLLECT SAMPLES).

Location: 253 KM FROM DHAHRAN MAIN GATE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,447	9 5/8	6397	5387	7	6,106	8,485	5,530

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6447	13.7 (01/14/2026@1200)	100	0	253	253

Formation Tops

Formations	Top Depth	Comments
HITH	4,361	
ABAR	4,811	2 FT DEEPER
ARBB	4,984	1 FT DEEPER
ARBC	5,169	
ABCR	5,417	
ARBD	5,585	
PADS	5,785	
BPDS	5,794	
BAD2	5,833	
ADR1	5,839	
ADR2	6,009	
ADR3	6,062	

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0530	0.5	1-3	8 1/2	E	LOG	HT	WLT	WWL	6447	6447					CONT. P/U & M/U WFD RES PCL TOOLS STRING - CHECK CABLE HEAD LATCH WITH TOOLS & CHECK SIGNAL - OK. - FUNCTION TEST PROBE, PKR & PUMPS - OK
0530 - 0730	2	1-3	8 1/2	E	LOG	TI	STDP	RIG	6447	6447	123	3676			RIH WITH WFD RES LOGGING TOOLS ON 5" DP/HWDP F/ 123' T/ 3676'. - RIH AT CONTROLLED SPEED AS PER WL. - FILL STRING EVERY 20 STANDS USING WL CIRC SUB & SCREEN.
0730 - 0800	0.5	1-3	8 1/2	E	LOG	CIRC	MPMP	RIG	6447	6447					CUMULATIVE TIME TO FILL STRG WHILE RIH.
0800 - 0900	1	1-3	8 1/2	E	LOG	HT	WLT	WWL	6447	6447					CIRC @ 3 BPM / 80 PSI, WITH 75 PCF OBM. MEANWHILE HPJSM R/U WFD WIRE LINE & SHEAVES.
0900 - 1200	3	1-3	8 1/2	E	LOG	OTH	NA	WWL	6447	6447					M/U SES & TDS. - WL RIH W/ CABLE LATCH HEAD TO 300' ABOVE TOOL HEAD. - PUMP DOWN WITH 7 BPM @ 750 PSI & LATCH CABLE HEAD IN TOOL HEAD. TEST CONNECTIVITY, OK.
1200 - 1400	2	1-3	7	E	LOG	OTH	NA	WWL	6447	6447			TF	965568	ATTEMPTED TO FUNCTION TEST TOOLS HAD COMMUNICATION ISSUES. TROUBLESHOOTING CONDUCTED WITH NO SUCCESS
1400 - 1500	1	1-3	7	E	LOG	OTH	NA	WWL	6447	6447			TF	965568	UNLATCH CABLE HEAD FROM LOGGING TOOLS, POOH WITH WL CABLE AND WET CONNECTION. - HPJSM, R/D WFD WL EQUIPMENT & SHEAVES. - L/D SES. - MONITOR WELL ON TT-STATIC.
1500 - 1615	1.25	1-3	7	E	LOG	TO	STDP	RIG	6447	6447	3676	700	TF	965568	POOH W/ WFD RES PCL TOOLS F/ 3676' T/ 700'. - MONITOR WELL ON TT-STATIC
1615 - 1630	0.25	1-3	7	E	LOG	CIRC	MPMP	RIG	6447	6447			TF	965568	FLOW CHECK - WELL STATIC.
1630 - 1645	0.25	1-3	7	E	LOG	TO	STDP	RIG	6447	6447	700	150	TF	965568	POOH W/ WFD RES PCL TOOLS F/ 700' T/ 150'. - MONITOR WELL ON TT-STATIC.

LIMITED MORNING REPORT

Username: YUAYANAL
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KHRS-453 WORKOVER-1 BI-60

01/03/2026 - 02/20/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
1645 - 1700	0.25	1-3	7	E	LOG	CIRC	MPMP	RIG	6447	6447			TF	965568	FLOW CHECK - WELL STATIC.
1700 - 1800	1	1-3	7	E	LOG	HT	WLT	WWL	6447	6447			TF	965568	POOH W/ WFD RES LOGGING TOOLS TO SURFACE, L/D WFD RES LOGGING TOOLS. - MONITOR WELL ON TT-STATIC.
1800 - 1930	1.5	1-3	7	E	LOG	HT	WLT	WWL	6447	6447			TF	965568	P/U & M/U WFD RES PCL TOOLS STRING - CHECK CABLE HEAD LATCH WITH TOOLS & CHECK SIGNAL - OK. - FUNCTION TEST PROBE, PKR & PUMPS - OK
1930 - 2130	2	1-3	7	E	LOG	TI	STDP	RIG	6447	6447	123	3676	TF	965568	RIH WITH WFD RES LOGGING TOOLS ON 5" DP/HWDP F/ 123' T/ 3676'. - RIH AT CONTROLLED SPEED AS PER WL. - FILL STRING EVERY 20 STANDS USING WL CIRC SUB & SCREEN.
2130 - 2200	0.5	1-3	7	E	LOG	CIRC	MPMP	RIG	6447	6447			TF	965568	CUMULATIVE TIME TO FILL STRG WHILE RIH
2200 - 2230	0.5	1-3	7	E	LOG	OTH	NA	WWL	6447	6447			TF	965568	CIRC 3 BPM / 80 PSI, WITH 75 PCF OBM. MEANWHILE HPJSM R/U WFD WIRE LINE & SHEAVES.
2230 - 0000	1.5	1-3	7	E	LOG	HT	WLT	WWL	6447	6447			TF	965568	M/U SES & TDS. - WL RIH W/ CABLE LATCH HEAD TO 300' ABOVE TOOL HEAD. - PUMP DOWN WITH 7 BPM @ 750 PSI & LATCH CABLE HEAD IN TOOL HEAD. TEST CONNECTIVITY, OK. - FUNCTION TOOLS OK.
0000 - 0300	3	1-3	7	E	LOG	HT	WLT	WWL	6447	6447					RIH WITH WFD RES LOGGING TOOLS ON 5" DP/HWDP STDS F/3,676' T/ 6,150'. - RIH AT CONTROLLED SPEED AS PER WFD WL. - CAREFULLY PASSED 9-5/8" CSG WINDOW. - FILL STRING EVERY 20 STANDS USING WL CIRC SUB & SCREEN. - MONITORED WELL ON TT - WELL STATIC.
0300 - 0330	0.5	1-3	7	E	LOG	OTH	NA	WWL	6447	6447					PERFORM GR DEPTH CORRELATION. - MONITORED WELL ON TT - WELL STATIC.
0330 - 0400	0.5	1-3	7	E	LOG	OTH	NA	WWL	6447	6447					SPACE OUT STRG AGAINST 1ST PP @ 5,834', PERFORM 15 MIN STICKINESS TEST - NO O. PULL OBSERVED. - MONITORED WELL ON TT - WELL STATIC.
0400 - 0459	1	1-3	7	E	LOG	LOG	WLT	WWL	6447	6447	5834	5835			RECORDED FORMATION PRESSURE POINTS WITH WFD RES LOGGING TOOLS WHILE MOVING DOWNWARDS F/ 5,834' T/ 5,835'. PRESSURE POINTS (PP) # DEPTH FORMATION REMARKS 1 5834 BPD2 TGHT * 5835 BPD2 VALID - CORRELATED DEPTH TO GR AS NEEDED. - MONITORED WELL ON TT - WELL STATIC. - TOTAL VALID 1 PP WERE RECORDED WITH TOTAL 2 STATIONS.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 1200	12	12	965568		TF	FOT	WLT	WWL	3676	TOOLS COMMUNICATION ISSUES DURING MID WAY FUNCTION TEST.

Workover Objectives

Foreman Remarks

ODF CORRECTION : + 4.83
TOW @ 3805 FT.
BOW @ 3818 FT.

RER & STAGING AREA:
- RER: 100 PPM (409 M), 30 PPM (756 M), 1/2 LFL (116 M).
- GOR ARBD RESERVOIR: 306 SCF/STB & H2S: 2 %.
- ST#1: 1 KM SE / ST#2 1 KM NE
==========
LTI FREE DAYS :- 884
- PRE-TOUR SAFETY MEETINGS: (02) WEEKLY SAFETY MEETINGS: (00) RIG MOVE MEETING:(00)

LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

KHRS-453 WORKOVER-1 BI-60

01/03/2026 - 02/20/2026

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- STOP CARDS (27) PTW: (12) JSA: (16), NEAR MISS :(00) INCIDENTS :00
- DRILLS: SWA DRILL (00). PIT DRILL (00) TRIP DRILL (01) H2S DRILL(01) RESCUE DRILL (00), FIRE DRILL (00), MAN DOWN DRILL (00), ACCUMULATOR DRILL (00)
- CONFINED SPACE DRILL (00), VERTICAL RESCUE DRILL (00), MAN-LOST SEARCH AND RESCUE DRILL (00).SECONDARY DRILL (00), OIL SPILL DRILL (00) WASTE PIT RESCUE DRILL (00)
-4TH QSI : TOTAL ITEMS : 54 , CLOSED: 54 , OPEN : 00
-PCI AUDIT TOTAL ITEMS:155,CLOSED ITEMS:155,OPEN=00
-RSI TOTAL = 34: CLOSED=34; OPEN=00
-WCI TOTAL = 07: CLOSED=07; OPEN=00

==========

JOURNEY MANAGEMENT PLAN:
>RIG IS LOCATED IN KHRS FIELD 253 KM FROM DAHRAN GATE. - FOLLOW DMM-HUFOF ROAD - HIT ABJ-MZLJ ENTERANCE - STRAIGHT FOR 2.5 KM - FOLLOW SIGN BOARD FOR 10 KM SKID ROAD.

==========

POB:
- MATERIAL EXP YOUSEF ALHUSSAIN #8501320 ON LOCATION SINCE JAN 12, 2026.
- WFD LSTK DSV: MOHAMMED / AHMED, SAFETY : SAAD
- MOHAMMAD ATIAH, WFD DFSV.

==========

NEXT LOCATIONS
ABJF-155 : KOM HELD ON 01/04/2026, STRIP OUT 100% , LOCATION READINESS 80%.

==========

RENTAL EQUIPMENT ON LOCATIONS: NONE.

==========

- ECC HAS RADIO COMMUNICATION FUNCTIONAL.
- THURAYA: 008821677714201.

==========

ARAMCO VEHICLE SERVICE DETAILS: ARAMCO CAR WITH NUMBER B936 NEXT SERVICE DUE FEB 02, 2026.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
11RR	3,825	6,447	DP Av	DC Av	Bit HHP	30	40	M422	8.5	REED
Pressure	GPM	Jet Vel	-43.77	N/A	148	I-Row	O-Row	DC	Location	Bearings
2,900	550	227				1	1	WT	A	X
Serial Numi	Type	Jets	TFA							
S300091	SKH616M3D	6 x 13 /	0.778							
Gauge	Other	POOH Reas								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	188	210	169	10,000		0
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				
	0		0				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/14/2026	N/A	WINDY	NA	COLD	2,232	TOURLY MEETINGS & PJSM'S

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	OES	TK4	RIG	OTH	TK4	ARM	WWL
Category	CTRG	RIG	DFMS	OTHR	OTHR	VAC	WSC	WSC	WLS
No. of Persons	16	50	1	2	8	10	2	2	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	12	12	12	24	24	24

Total
95

TRUCKS/BOATS

Standby/Tankers	Others
B-936	DQ-58 AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	750

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

BRRI-19 WORKOVER-9 BI-60

01/10/2026 - 03/12/2026

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EXL-IVA @ BRRI-19 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: EXL-IVA
Well: BRRI-19
Wellbores: (0-1) BRRI_19_1

Charge #: (71-25024-0019)
Wellbores: (0-1) BRRI_19_1

Objective : (TO DRILL A LONG RADIUS HORIZONTAL SECTION)

Foreman(s): ABD EL MAGIED, GAMAL FATHY / AHMED, AMR ADEL / KHAFAGY, BASSEM AHMED
Engineer Manager: ELSOKKARY, OSSAMA AHMED / BIN ALSHAIKH, EYAD ABDULKAREEM ZAHRANI, ALI IBRAHIM

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
00966 88 2 16 777 12 631	378-6575	378-6576
OTHER VSAT	OTHER VSAT	OTHER VSAT
378-6577	013-510634 2 (RADIO)	013-510634 3 (OIM)
CONTRACTOR /CLERK VSA T		
378-6578		

Last 24 hr operations	Next 24 hr plan
S/L RTRV MLP, BH TBG. SEAL ASSY STUCK, CUT ABOVE SAME W/BAKER MPC, BH WELL, SET HALL PTP. RD S/L.	RU TRS. POH, L/D 4.5" COMPLETION. RUN 8-1/2" CLEAN OUT ASSY WHILE PU DP.

Location	Next Location
BRRI-19/22 PLATFORM	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,005	9 5/8	7850	7848	7	6,404	9,230	7,837

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13005	5.6 (01/22/2026@1500)	100	0	108	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0-1	POST	N	DCOM	RTRV	PLUGT	SPL	13005	13005			- RIH & RTRV MLP, ONCE UNSET HAD MAX S/L O/P. - MOVED DOWN WITH S/L TO AVOID CUT S/L TILL TAG @ 6288 FT. - CONTINUE WORK TO RTRV PLUG, SAME FREE. POH. - MONITOR WELL THRU TRIP TANK, ON VACUUM.
0700 - 0800	1	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			R/D SAPESCO S/L EQUIPMENT. - MONITOR WELL THRU TRIP TANK, ON VACUUM.
0800 - 0900	1	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			M/U PUMPING ASSY & CONNECT TDS. - MONITOR WELL THRU TRIP TANK, ON VACUUM.
0900 - 1030	1.5	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			B/H TBG SIDE W/500 BBLS, 74 PCF VIS BRINE W/7 BPM @ ZERO PSI.
1030 - 1200	1.5	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			M/U 5-1/2" PUP JT + XO, CONNECT SAME TO 4.5" L. JOINT WITH TDS. - BACK OUT HGR LOCK DOWN SCREWS. - MONITOR WELL THRU TRIP TANK, ON VACUUM.
1200 - 1400	2	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			WORK STRING UP TO 80% FROM 4.5" TBG TENSILE TO RELEASE SEAL SSSY..... NO SUCCESS. SET SLIPS W/15 K O/P. - MONITOR WELL THRU TRIP TANK, ON VACUUM.
1400 - 1600	2	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			R/U BAKER W/L PCE & P/T SAME... GOOD TEST. - MONITOR WELL THRU TRIP TANK, 10 -12 BPH LOSSES.
1600 - 1900	3	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			BAKER W/L RIH W/2.75" MPC, CORRELATE & POSITION CUT DEPTH @ 6235 FT (15 FT ABOVE SEAL ASSY). - HAD GOOD SURFACE CUTTING INDICATION. POH. - MONITOR WELL THRU TRIP TANK, 10 - 12 BPH LOSSES.
1900 - 2100	2	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			R/D BAKER W/L PCE. - MONITOR WELL THRU TRIP TANK, 10-12 BPH LOSSES.
2100 - 2200	1	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			CHANGE HANDLING TOOLS TO 4-1/2". PULL STRING 10 FT & CONFIRM SAME FREE. - MONITOR WELL THRU TRIP TANK, 10-12 BPH LOSSES.
2200 - 0000	2	0-1	POST	N	DCOM	CIRC	MPMP	RIG	13005	13005			BH TBG SIDE W/100 BBLS W/4.5 BPM/900 PSI. BH TCA W/150 BBLS W/2 BPM/950 PSI (74 PCF VIS BRINE).
0000 - 0030	0.5	0-1	POST	N	DCOM	CIRC	MPMP	RIG	13005	13005			FLOW CHECK, HAD 10-12 BPH LOSSES.
0030 - 0200	1.5	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			R/U SAPESCO S/L EQUIPMENT. P/T SAME. GOOD TEST. - MONITOR WELL THRU TRIP TANK, 10-12 BPH LOSSES.
0200 - 0430	2.5	0-1	POST	N	DCOM	SET	PLUGT	SPL	13005	13005			SAPESCO S/L PERFORMED THE FOLLOWING: - RIH & SET 4-1/2" HALL PTP @ 6046' (1 JT ABOVE TOP PUNCH), POH. - MONITOR WELL THRU TRIP TANK, 10-12 BPH LOSSES.
0430 - 0459	0.5	0-1	POST	N	DCOM	OTH	NA	RIG	13005	13005			R/D SAPESCO S/L EQUIPMENT.....ONGOING @ RPT. - MONITOR WELL THRU TRIP TANK, 10-12 BPH LOSSES.

Workover Objectives

Foreman Remarks

LIMITED MORNING REPORT

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BRRI-19 WORKOVER-9 BI-60

01/10/2026 - 03/12/2026

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** RIG POSITION: LAT 27DEG 11.36' N, LONG 49 DEG 39.08 E.
** RIG HEADING 348 DEG.
** WATER DEPTH: 50 FT.
** FINAL LEG PENETRATIONS, BOW - 9', PORT - 8.5', STBD - 8.5'.
** FINAL AIR GAP: 33 FT.
-

** CURRENT LOCATION -BRRI-19/22 PF.
** SCOPE OF WORK: SIDETRACK FOR WELL BRRI-19 & WELL BRRI-21.

** CURRENT WELL: BRRI-19.
** RKB TO TBG SPOOL = 72 FT, ODF TO TBG SPOOL = 44.5 FT, CORRECTION = -27.5 FT.

** RELIEF WELL LOCATION:
- BRRI-182: N- 3007686.327 E- 368286.466
- BRRI-26: N- 30105.500 E- 367931.200
-

** NEXT PLATFORM: NOT RECIEVED YET.
-

** SUSPENSION KIT ON BOARD: N/A

** MATERIAL EXP. MOHAMMED ALSALEM ID# 8594439 ONBOARD SINCE 12/21/2025.
** ARAMCO FCT MUJTABA A MURAYT ID# 292591 ON BOARD SINCE 01/20/2026.

DRILLING CONTRACTOR MGMT RIG VISITS:
** ARO EXL-IVA RIG MANAGER VINCENT JEAN DOLEAC VISITED RIG ON JAN/11/2026.

SAFETY:
** PERFORM SAFETY MEETING AT EACH TOUR.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	0	0API	0	0 Volts	0	9.5	149,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	N/A	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	N/A	4	/	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	0	0API	0	0 Volts	0	9.5	150,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	96	N/A	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	N/A	4	/	0	0	0

MUD TREATMENT

CACL2-98
30 (2200L)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	N/A	8-10 KTS WNW	1-2 FT	16 DEG C, VIS 6 NM	2,681	TOURLEY

PERSONNEL AND SERVICES INFORMATION

Company	HCB	GOS	BC	RIG	OES	SMI	ARM	BCM	SPL	BCR	ARM	BAW	HCO	HSL	MI2
Category	BRCR	CTRG	PSSC	RIG	DFMS	DFMS	OTHR	PCS	SLS	PRS	WSC	WLS	PRTS	SLS	SCS
No. of Persons	1	12	1	56	1	1	2	3	3	2	3	4	1	1	6
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	2	24	12	12	12	0	4	0	24	7	0	0	0

Total 97

TRUCKS/BOATS

Standby/Tankers
RAWABI-215

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1781	1162	1516	2565	536	2823

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ABSF-44 WORKOVER-6 BI-60

12/08/2025 - 02/11/2026

HI-5 @ ABSF-44 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HI-5
Well: ABSF-44
Wellbores: (0-1) ABSF_44_1

Charge #: (71-25019-0044)
Wellbores: (0-1) ABSF_44_1

Objective : (RE-ENTRY)

Foreman(s): SALLAM, MOHAMED OKBA / ALTWAIRQI, HUSAIN TARIQ
Engineer: LOONI, QADIR DAD
Manager: SHEHRI, TALAL HASAN

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677714 219	3786301	3786302

CONTRACTOR /CLERK VSA T: 3786303

Last 24 hr operations
LAND HGR IN THS. DISPLACE TO INHIBITED BRINE. SLICKLINE OPS. SET ESP PKR. PT TCA. N/D BOPE. N/U TBG BONNET. TERMINATE CABLES. N/U X-TREE. R/U SLICKLINE.

Next 24 hr plan
R/U S/L. RTRV BARRIERS. R/D S/L. SUSPEND OPS FOR FLOWBACK AFTER WO ON ABSF-140.

Location: ABSF-42/47,140/141
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,639	7	5078	5078	4 1/2	4,912	9,915	6,464

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13639	43.3 (12/15/2025@2100)	100	0	79	

Formation Tops

Formations	Top Depth	Comments
BURR	5,177	5176 FT TVD (5 FT SHALLOWER)
LRTR	5,227	5226 FT TVD (6 FT SHALLOWER)
BLRR	5,702	5658 FT TVD (ON DEPTH)
MNFR	5,803	5737 FT TVD (3 FT DEEPER)
HITH	5,858	5777 FT TVD (1 FT DEEPER)
ARBA	6,945	6130 FT TVD (13 FT DEEPER)
ABAR	7,005	6138 FT TVD (12 FT DEEPER)
ARBB	7,285	6175 FT TVD (14 FT DEEPER)
ABBR	7,492	6203 FT TVD (15 FT DEEPER)
ARBC	7,758	6238 FT TVD (12 FT DEEPER)
ABCR	8,143	6287 FT TVD (16.5 FT DEEPER)
ARBD	9,056	6315 FT TVD (2 FT DEEPER)
ABDR	9,306	6435 FT TVD (3.4 FT DEEPER)
AD1	9,565	6460 FT TVD (1.8 FT SHALLOWER)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0-1	EOW	C	COMP	HT	ESPL	SWA	13639	13639			QCI TERMINATE ESP CABLE THRU TBG HANGER & INSTALLED PENETRATOR LEADS. - CHECK CABLE INTEGRITY BEFORE TERMINATE: PH-PH = 5.1 OHMS, PH-GR = 1.8 GIGA OHMS/ 10 MIN. - CHECK CABLE INTEGRITY AFTER TERMINATE: PH-PH = 2.9 OHMS, PH-GR = 1.4 GIGA OHMS/ 10 MIN. - MONITOR WELL ON TRIP TANK W/ 64 PCF VISCOUS BRINE, WELL STATIC.
0630 - 0800	1.5	0-1	EOW	C	COMP	HT	TBG	RIG	13639	13639			DRAIN BOP. LAND TUBING HANGER. ENERGIZE TIE-DOWN SCREWS. - CHECK CABLE INTEGRITY AFTER LAND TBG HGR: PH-PH = 3.6 OHMS, PH-GR = 550 MOHMS/ 10 MIN. - MONITOR WELL ON TRIP TANK W/ 64 PCF VISCOUS BRIINE USING E-KILL LINE. WELL STATIC.
0800 - 1000	2	0-1	EOW	C	COMP	CIRC	MPMP	RIG	13639	13639			HELD PJSM. DISPLACE WELL TO 64 PCF INHIBITED BRINE.
1000 - 1030	0.5	0-1	EOW	C	COMP	HT	TBG	RIG	13639	13639			L/D 10 FT 4" PUP JT, FOSV, & X.O. M/U 4-1/2" FOSV. - MONITOR WELL ON TRIP TANK W/ 64 PCF VISCOUS BRIINE USING E-KILL LINE, WELL STATIC.
1030 - 1700	6.5	0-1	EOW	C	COMP	SET	PLUGT	SPL	13639	13639	4470	4470	R/U SAPESCO SLICK LINE ON LANDING JT. PRESSURE TEST LUBRICATOR TO 300/2000 PSI. - RTRV HALL. WRSSSV. POH. - RIH & SET 2-7/8" OMEGA PLUG IN 2-7/8" JT @ 4470 FT. - RIH & SET OMEGA JUNK-CATCHER ABOVE 2-7/8" PLUG @ 4470 FT. - RIH & SET HALL 4-1/2" WRSSSV AT 244'. - RIH CHECK SET. - FUNCTION TEST WRSSSV. OK. - PT OMEGA PLUG TO 300 PSI, GOOD TEST. - R/D SAPESCO SLICK LINE. - MONITOR WELL ON TRIP TANK W/ 64 PCF VISCOUS BRIINE USING E-KILL LINE, WELL STATIC.
1700 - 2000	3	0-1	EOW	C	COMP	SET	PKR	SWA	13639	13639	4426	4426	R/U SURFACE LINES & PT SAME TO 4000 PSI. PRESSURE UP STRING GRADUALLY TO 3500 PSI IN STAGES, HOLD FOR 15 MIN. SET 7" BLUEPACK ESP PACKER AT 4426'. PT TCA TO 1000 PSI, HOLD FOR 15 MINUTES, GOOD TEST. BLEED OFF PRESSURE SLOWLY. - CHECK CABLE INTEGRITY: PH-PH = 3.6 OHMS, PH-GR = 350 MOHMS/10 MIN.
2000 - 2100	1	0-1	EOW	C	WH	SET	BPV	RIG	13639	13639			L/D LANDING JT. SET BPV. L/D SETTING TOOL.
2100 - 2130	0.5	0-1	EOW	C	BOP	PJSM	BOP	RIG	13639	13639			PJSM WITH CREW INVOLVED IN N/D BOP. DISCUSS RISKS AND MITIGATION.

LIMITED MORNING REPORT

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ABSF-44 WORKOVER-6 BI-60

12/08/2025 - 02/11/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													DISTRIBUTE RUELS AND RESPONSIBILITIES. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE, WELL STATIC. ** BARRIERS PRIOR TO N/D BOP: - TESTED 2-7/8" OMEGA PLUG & BPV IN THE TBG SIDE. - TESTED 7" ESP PKR & TBG HGR IN THE TCA SIDE.
2130 - 2230	1	0-1	EOW	C	BOP	ND	BNIP	RIG	13639	13639			N/D BELL NIPPLE & FLOW LINE. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE, WELL STATIC.
2230 - 0000	1.5	0-1	EOW	C	BOP	ND	BOP	RIG	13639	13639			N/D 13-5/8" 10K CLASS "A" BOP & RELATED EQUIP. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE. WELL STATIC.
0000 - 0100	1	0-1	EOW	C	BOP	ND	SPOOL	RIG	13639	13639			N/D 13-5/8" X 10K RISER AND 13-5/8" X 11", 3K DSA. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE. WELL STATIC.
0100 - 0200	1	0-1	EOW	C	WH	NU	WH	RIG	13639	13639			N/U NEW 11" X 3-1/8" 3M WG TBG BONNET, HALLIBURTON EXIT C/L OF WRSSSV. QCI TERMINATED & FEED ESP CABLES THRU TBG BONNET. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE. WELL STATIC.
0200 - 0230	0.5	0-1	EOW	C	WH	OTH	NA	RIG	13639	13639			P/T WG TBG BONNET W/ 2500 PSI, HOLD. BLEED OFF PRESSURE SLOWLY. - CHECK CABLE INTEGRITY FOR ESP: PH-PH = 2.9 OHMS, PH-GR = 1.2 G-OHMS/ 10 MIN.
0230 - 0330	1	0-1	EOW	C	WH	NU	TREE	RIG	13639	13639			N/U NEW 3-1/8" GTC OFFSHORE PRODUCTION TREE. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE. WELL STATIC.
0330 - 0430	1	0-1	EOW	C	WH	OTH	NA	RIG	13639	13639			SET TWCV. P/T PRODUCTION TREE 2500 PSI, HOLD. RTRV TWCV. - MONITOR WELL ON TRIP TANK W/ 64 PCF INHIBITED BRINE USING E-KILL LINE. WELL STATIC.
0430 - 0459	0.5	0-1	EOW	C	COMP	HT	TBG	SPL	13639	13639			R/U SAPESCO S/L RISER, BOP & LUBRICATOR. PT TO 300/2000 PSI... ONGOING @ RPT

Workover Objectives

Foreman Remarks

CURRENT LOCATION: LAT 26 DEG 55.80' N, LONG 050 DEG 31.53'E, HEADING 345 DEG, WATER DEPTH 50.2 FT.
* ODF TO THS = 42.70', RKB TO THS = 72.90', ODF CORRECTION = -30.20'.
-

* SIMOPS OPERATIONS:
- ABSF-42/47, 140/141 PF: SIMOPS OPERATION WILL BE ACTIVATED DURING ABSF-42 SIDETRACK.
-

* CURRENT PLATFORM: ABSF-42/47,140/141 PF (SIDETRACK FOUR WELLS ABSF-44, 42, 47 & 43, CHANGE SSV FOR ABSF-140)
-

* OBSERVATIONS SUBMITTED: 20 CARDS.
* OSA OFFICER PERFORM "HAZARD HUNT SURVEY" ON 25-JAN AT DIFFERENT LOCATIONS.
-

* SENT OBM SAMPLE FOR LC-50 TOXICITY TESTING ON 30-DECEMBER-2025. MN#2400792304 VIA RAWABI-55.
-

* RIG CLERK, MOHAMED IQBAL SAGAR ID#8288516 ON BOARD.
-

* 4-3/4" NOV JAR SN#380-47999, RECEIVED ON 12-DEC-2025. MN#2101341783 VIA RAWABI-33.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	13,639	89.8	40.5	0	6,485	1822.95	1593.41	7,943.49	0.1

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	0API	0	0 Volts	0	10.8	27,350
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	9	0	3 / 4	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	6	0	2 / 3	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	0API	0	0 Volts	0	9.7	27,400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

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LIMITED MORNING REPORT

ABSF-44 WORKOVER-6 BI-60

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0	0HTHP	98	14	0	3 / 4	NACL	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
40	0	12	2	2 / 3	0	0	0

MUD TREATMENT

BCTRN	CAUST	NACL	OXYGON	COR-INH-PACKER
11 (5GL)	8 (50LBP)	1 (2200L)	2 (100LB)	4 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	DAILY PIT+TRIP DRILL	4-6 KNOTS WNW	1-2 FT	VIS 5 NM TEMP 20 DEG	1,293	TOURLY & WEEKLY

PERSONNEL AND SERVICES INFORMATION

Company	SWA	GOS	HCO	RIG	RO4	ARM	BCM	HSL	SPL	ARM	MWT	GEP
Category	ALS	CTRG	PSSC	RIG	DFMS	OTHR	PCS	SLS	SLS	WSC	WTSE	WHES
No. of Persons	6	12	1	50	1	1	1	2	3	2	4	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	12	12	0	2	7	24	0	0

Total 84

TRUCKS/BOATS

Standby/Tankers
RAWABI-211

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1359	692	858	2982	N/A	1864

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

SFNY-1237 WORKOVER-1 BI-60

12/03/2025 - 02/03/2026

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HI-9 @ SFNY-1237 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HI-9
Well: SFNY-1237
Wellbores: (0-2) SFNY_1237_2

Charge #: (71-25013-1237)
Wellbores: (0-2) SFNY_1237_2

Objective : (SINGLE LATERAL PRODUCER ON SAFANIYA RESERVOIR.)

Foreman(s): PATEL, PRADIP K. / ZAKRI, KHALID ESSA
Engineer: OQAILY, MOHAMMED AMEEN
Manager: SHEHRI, TALAL HASAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167770 0037	3786351	3786353(RA DIO ROOM)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
8212931 (R ADIO ROOM)	3786352 (R IG CLERK)	

Last 24 hr operations
RIH 6-1/8" CMT CLEAN OUT ASSY AND DRILL CMT AND FLOAT EQUIPMENT. CHC. POH & LD 6-1/8" CMT C.OUT ASSY.

Next 24 hr plan
MU & RIH 6-1/8" BAKER RSS/MWD/LWD ASSY, DRILL 6-1/8" HORIZONTAL SECTION.

Location: SFNY-324/329
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,228	9 5/8	6388	5251	7	5,119	6,225	5,340

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6228	47.6 (12/11/2025@1500)	100	0	243	

Formation Tops

Formations	Top Depth	Comments
WARA	5,362	5022 ' TVD
MDDD	5,648	5180' TVD
SFNY	5,697	5204' TVD
SCFS	5,794	5244' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-2	6 1/8	N	CT	LDP	SPDP	RIG	6228	6228	4803	5100	RIH W/ 6-1/8" CLEAN OUT ASSY ON 4" DP. PICKED UP 129 JTS DP FROM CANTILEVER. - DRIFT AND FLUSH 4" DP WHILE PU FROM CANTILEVER. - FLUSH STRING EVERY 30 JTS 4" DP. - MONITORED WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
0600 - 0700	1	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			ACCUMULATED TIME TO FILL UP STRING & BREAK CIRCULATION.
0700 - 0900	2	0-2	6 1/8	N	CT	HT	STRG	RIG	6228	6228			CONT'D RIH AT CONTROLLED SPEED 6-1/8" CLEANOUT ASSY ON 5" DP & TAG TOP OF CEMENT @ 6025'. - PASS THRU TOP OF 7" LINER @ 5119' WITHOUT ANY RESTRICTIONS. - MONITORED WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
0900 - 1000	1	0-2	6 1/8	N	CT	RW	BIT	RIG	6228	6228	6025	6063	HPJSM, WASH & CLEAN OUT CMT STINGER FROM 6025' TO ABOVE LANDING COLLAR @ 6063'.
1000 - 1100	1	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			PUMP 20 BBL HI-VIS AND CIRCULATE HOLE CLEAN.
1100 - 1530	4.5	0-2	6 1/8	N	DRLG	DFS	TDS	RIG	6228	6228	6063	6205	DRILL OUT CMT WIPER PLUGS, LANDING COLLAR @ 6063', CMT, FLOAT COLLAR @ 6143' & CMT TO 20' ABOVE SHOE TO 6225'. - PUMP SWEEPS AS REQUIRED. - WORKED ON BOTH LANDING COLLAR & FLOAT COLLAR WITH STRING MILL, OK.
1530 - 1700	1.5	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			SWEEP HOLE WITH 20 BBLS HI VIS PILL CIRCULATE HOLE CLEAN WITH 82 PCF RHELIANT OBM.
1700 - 1730	0.5	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			FLOW CHECKED WITH 82 PCF RHELIANT OBM, WELL STATIC.
1730 - 1800	0.5	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			PRESSURE TEST 7" LINER & 9-5/8" CSG TO 1000 PSI/15 MIN. OK.
1800 - 1930	1.5	0-2	6 1/8	N	DRLG	DFS	TDS	RIG	6228	6228	6205	6228	DRILL OUT CMT ABOVE FLOAT SHOE & FLOAT SHOE @ 6225' & DRILL 3' RAT HOLE BELOW 7" CSG SHOE TO 6228'. - WORKED ON FLOAT SHOE WITH STRING MILL, OK.
1930 - 2230	3	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			SWEEP HOLE WITH 20 BBLS HW PILLS AND CIRCULATE HOLE CLEAN UNTIL SHAKER CLEAN W/ 82 PCF RHELIANT OBM AT 370 GPM/ 2800 PSI, CONDITION OBM WT IN & OUT 82 PCF W/ 100% RETURN.
2230 - 2300	0.5	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			FLOW CHECK WELL WITH 82 PCF RHELIANT OBM PRIOR TO START POH, WELL STATIC. SLUG THE PIPE.
2300 - 2330	0.5	0-2	6 1/8	N	CT	TO	STDP	RIG	6228	6228	6228	5465	POH WITH 6-1/8" CMT CLEAN OUT ASSY ON 5" DP STANDS TO 4" DP. - MONITORED WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
2330 - 0000	0.5	0-2	6 1/8	N	CT	HT	PEL	RIG	6228	6228			HPJSM, CHANGED DP HANDING EQUIPMENT FROM 5" DP TO 4" DP. - MONITORED WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
0000 - 0200	2	0-2	6 1/8	N	CT	TO	STDP	RIG	6228	6228	5465	1519	CONT'D POH WITH 6-1/8" CMT CLEAN OUT ASSY ON 4" DP STAND TO TOP OF BHA AT 1419'. - MONITORED WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
0200 - 0230	0.5	0-2	6 1/8	N	CT	CIRC	MPMP	RIG	6228	6228			FLOW CHECK WELL AT TOP OF BHA W/ 82 PCF RHELIANT OBM, WELL STATIC.

LIMITED MORNING REPORT

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SFNY-1237 WORKOVER-1 BI-60

12/03/2025 - 02/03/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0230 - 0330	1	0-2	6 1/8	N	CT	HT	BHA	RIG	6228	6228			POH W/ 6-1/8" CMT CLEAN OUT ASSY ON 4" HWDP 15 STANDS, L/D 4-3/4" DRILLING JAR. - MONITOR WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
0330 - 0400	0.5	0-2	6 1/8	N	CT	HT	BHA	RIG	6228	6228			HPJSM, L/D 6-1/8" CMT CLEAN OUT ASSY, 6-1/8" STRING MILL, BIT SUB & 6-1/8" PDC BIT. - MONITOR WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.
0400 - 0459	1	0-2	6 1/8	N	CT	HT	BHA	RIG	6228	6228			CLEAN AND CLEAR RIG FLOOR. SERVICE TDS & CHANGE TDS WASH PIPE. - MONITOR WELL ON TRIP TANK W/ 82 PCF RHELIANT OBM, WELL STATIC.

Workover Objectives

Foreman Remarks

* CURRENT LOCATION:- SFNY-324/329 PLATFORM.
* LATITUDE: 28 DEG 08. 20' N, LONGITUDE: 48 DEG 46. 52' E, HEADING: 350 DEGREE. WATER DEPTH - 28 FT.
* ANCHOR RESTRICTIONS: SUPPLY VESSES ARE NOT PERMITTED TO ANCHOR WITHIN 100 METERS OF THE PIPELINES OR CABLES ON THE PORT AND STARBOARD SIDES NEAR THE RIG.
* ODF TO TBG SPOOL = 72.3'. HI-9 DF TO TBG SPOOL = 63.83, ODF CORRECTION = +8.5'.
* SFNY-1237 WELL, NEW LATERAL (L 0-2). 9-5/8" CSG TOW AT 5319 FT & BOW AT 5338 FT (CUT WINDOW IN AHMEDI FORMATION).

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* OBSERVATIONS SUBMITTED: 44.
* DISCUSSING DAILY D&WO HAND & FINGER SAFETY CAMPAIGN.
* DISCUSSING DAILY D&WO SLIP, TRIP AND FALL CAMPAIGN.
* DISCUSSED WITH CREW HSE ALERT 06-26, HSE ALERT 07-26 & REEL-SAFE 02-26

SIMOPS CURRENT STATUS ON SFNY-324/329, 1233/1239 PLATFORM: ACTIVE.
- 4 WELLS ARE PLANNED FOR SIMOP - SFNY-326, SFNY-1233, SFNY-1236 AND SFNY-329.
- RESUME SIMOP OPERATION ON 16-JAN-2026 @ 12:00 HRS,
- SFNY FS LINE UP 4 WELL SFNY-326, 1233, 1236, 1233 (SFNY FS REPAIR AND LINE UP SFNY-1233 @ 10:00 HRS ON 21-JAN-2026)
- DAILY PRODUCTION RATE FROM 4 WELLS- 13.0 MBOPD. (SFNY-1236= 4.5 MBOPD, SFNY-329= 2.5 MBOPD, SFNY-326= 2.0 MBOPD, SFNY-1233 + 4..0 MBOPD)
- TOTAL SIMOPS OPERATION CUMMULATIVE PRODUCTION = 129373 MBBLS.
- TOTAL ACTIVE SIMOPS TIME IS 281 HRS SINCE STARTED SIMOPS.
- SFNY FS REPRESNTATIVE ZEYAD ABDUH BADGE #796822 ON BOARD FOR SIMOPS OPERATION.

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* SKIP & SHIP:- TOTAL SKIPS ON RIG = 14 EA.
* RECEIVED NAPESCO 4-3/4" DRILLING JAR (SN #HMJ-500-0005) RECEIVED MN# 2101365283 BY BOAT RJ COCO ON 12-JAN-2026.
* LC-50 OBM MUD SAMPLE SEND TO KFUPM ON RAWABI-201 MF #2400792322, ON 30 DEC 2025.

NEXT PLATFORM: SFNY-940/949 PF TO WORKOVER TWO WELLS (1ST WELL SFNY-946 PLUG WATER COMPARTMENT & ESP CHANGE OUT) (2ND WELL SFNY-941 SIDETRACK).
* RIG MOVE REQUEST RM-2025-4013880 SUBMITTED ON DECEMBER 18, 2025.
* SBS REQUEST CRM #8800024553 CREATED ON 21-AUG-2025. SBS RECEIVED ON 16-OCT-2025, COPY GIVEN TO SHELF DRILLING.
* BOREHOLE DATA & PENETRATION HISTORY SENT TO SHELF DRILLING ON 30-OCT-2025 FOR LOCATION APPROVAL & LEG PENETRATION ANALYSIS.
* DEBRIS REMOVAL DIVING REQUEST #DP-2025-19346 CREATED ON 31-OCT-2025. DEBRIS REPORT RECEIVED ON 08-NOV-2025.
* NOTIFY SFNY CENTRAL EAST FIELD FOR PLTF DE-PRESSURIZATION VIA EMAIL ON 06-JAN-2026.
* SFNY-940/949 PLATFORM COMES UNDER SFNY CENTRAL EAST FIELD DEPARTMENT. 3786410/ 0558743675.
-

* ARAMCO MATERIAL EXP. AL SHAMMARI, NAHAR ID #798254 ON BOARD SINCE 27-JAN-2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	58	560 Volts	2.73	0	231,051
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2HTHP	20	18	0	10 / 15	RELIANT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
86	0	32	22	8 / 9	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	56	500 Volts	3.04	0	223,335
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.6HTHP	22	19	0	10 / 15	RELIANT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
88	0	33	22	8 / 9	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	N/A	15-22 KTS N	4-5 FT	CLEAR	4,748	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	GOS	BR1	BHI	RIG	BDF	SMI	ARM	HCM	ARM	WRT
Category	CTRG	RINS	DPDS	RIG	DFMS	DFMS	OTHR	PCS	WSC	DRF

Total 74

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LIMITED MORNING REPORT

SFNY-1237 WORKOVER-1 BI-60

12/03/2025 - 02/03/2026

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	No. of Persons	12	1	4	48	1	1	2	2	2	1
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	0	4	24	12	12	12	0	24	4

TRUCKS/BOATS	Standby/Tankers					
	RAWABI-216					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	956	912	968	676	0	1807
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

HMYM-560202 EXPLORATION DRILLING BI-1514

01/24/2026 - 02/15/2026

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HP-700 @ HMYM-560202 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HP-700
Well: HMYM-560202
Wellbores: (0) HMYM_560202_0

Charge #: (87-25710-7910)
Wellbores: (0) HMYM_560202_0

Objective : (DRILLING WELL)

Foreman(s): AHMED, MAHMOUD AHMED / AYAZ, FAISAL HUSSEIN
Engineer: ALSAGGAF, ALBARAA ADNAN
Manager: JAHDALI, OMAR HAMEED

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 14394	0135766478	0135776046

Last 24 hr operations
DRILLED 22" HS TO CP. RAN 18-5/8" CSG.

Next 24 hr plan
RUN AND CEMENT 18 5/8" CSG.WELLHEAD WORKS. N/U DIVERTER, BELL NIPPLE AND FLOW LINE. P/U AND RIH WITH 16" MM BHA.

Location
DRIVE F/ DHRN TO AL-HOFUF MOTORWAY.LEFT TURN RAMP AT MOTORWAY FLY-OVER TO JAF BLACKTOP. FOLLOW SIGNS

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
992							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
510	1.3 (01/26/2026@2115)	100	482	88	88

Formation Tops

Formations	Top Depth	Comments
DMMM	566	-12 FT
RUS	932	+2 FT

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1645	11.75	0	22	N	DRLG	D	TDS	RIG	510	992			DRILL 22" VERTICAL HOLE SECTION WITH CONTROLLED PARAMETERS. > PARAMETERS: WOB - 25- 45 KLBS | RPM: 80 - 110 | TORQUE: 3 - 6 KFT.LB | FLOW: 750 - 900 GPM | SPP: 1500 PSI. > 65 PCF SPUD MUD. 100% RETURNS. > SWEEEP HOLE W/25 BBL ANTI-BIT BALLING PILL, 25 BBL HI-VIS PILL. 4 RAPID STICK EVERY CONNECTION. > WASH UP REAM DOWN ONE SINGLE EVERY CONNECTION.
1645 - 1800	1.25	0	22	N	DRLG	CIRC	MPMP	RIG	992	992			PUMPED 2 X 150 BBLS HI-VIS SWEEP & CIRCULATED HOLE PRIOR TO POOH. 100% RETURNS WITH 65 PCF SPUD MUD. > SPOT 450 BBS HI-VIS PILL ON BOTTOM.
1800 - 1815	0.25	0	22	N	DRLG	SURV	GYRO	SCD	992	992			DROPPED GYRO SURVEY.
1815 - 2045	2.5	0	22	N	DRLG	TO	BHA	RIG	992	992	992	50	POOH 22" PACKED BHA ON STANDS. > RACK BACK 3 X STD OF 8.5" + 1 X STD 9.5" DC + 1 X STD 6-5/8" HWDP + 3 X STD 5.5" HWDP.
2045 - 2315	2.5	0	22	N	DRLG	HT	BHA	RIG	992	992			L/D 22" PACKED BHA. > L/D 2 X REAMER, 9.5" PONY DC, 12" SHOCK SUB AND 22" BIT. > GYRO SURVEY AT 925' : (INC 1.42 DEG, AZ 196.16 DEG). > BIT DULL GRADING: 1-1-WT-A-E-I-NO-TD.
2315 - 2345	0.5	0	22	N	DRLG	HT	PEL	RIG	992	992			L/D ELEVATOR AND TDS BAILS.
2345 - 0015	0.5	0	22	N	DRLG	OTH	NA	RIG	992	992			PERFORMED DROPS INSPECTION ON TDS & MAST. CLEAN & CLEAR RIG FLOOR.
0015 - 0045	0.5	0	22	N	CSG	PJSM	CSG	RIG	992	992			HELD PRE JOB SAFETY MEETING WITH RIG CREW AND SAPESCO CRT CREW.
0045 - 0200	1.25	0	22	N	CSG	HT	PEL	SPR	992	992			R/U SAPESCO 18-5/8" CRT AND CSG RUNNING EQUIPMENT.
0200 - 0315	1.25	0	22	N	CSG	RCSG	CSTR	SPR	992	992	0	166	HPJSM, P/U, M/U 18-5/8" CSG SHOE TRACK JOINT W/ TACK WELDED FIRST 4 JOINTS & CHECKED FLOAT -OK.
0315 - 0459	1.75	0	22	N	CSG	RCSG	CTRQ	SPR	992	992	166	682	RIH 18-5/8" 115# K-55 BTC CASING W/FILL UP ON FLY. (TOTAL JTS=17 OF 25).

Foreman Remarks

WELL OBJECTIVES:
HMYM-560202 IS THE 3RD SLOT ON PAD HMYM-5602 TO BE DRILLED BY RIG HP-700 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING HNIF C RESERVOIR. THE WELL IS PLANNED TO LAND AT +/- 15 FT BELOW TOP OF HNIF C FORMTION AND DRILL A TOTAL LATERAL LENGTH OF 7,713. FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 17.5 DAYS.
==========
CASING POINTS:
24" CSG: N/A
18-5/8" +/-CSG: 992 FT
13-3/8" CSG: +/-5,191 FT
9-5/8" CSG: +/-7,605 FT
WELL TD: +/-18,880 FT MD
==========
FLAT TIME KPI PLAN VS ACTUAL:
NU DIVERTER [HR]: 5.0 VS N/A
ND DIVERTER [HR]: 2.0 VS N/A
NU 13-5/8" 10M BOP [HR]: 7.5 VS N/A
PT 13-5/8" 10M BOP [HR]: 6.5 VS N/A

LIMITED MORNING REPORT

HMYM-560202 EXPLORATION DRILLING BI-1514

01/24/2026 - 02/15/2026

ND 13-5/8" 10M BOP [HR]: 5.0 VS N/A
NU 18-5/8" SOW [HR]: 5.0 VS N/A
N/U UNIHEAD [HR]: 4.0 VS N/A
5-1/2" DP TI [STD/HR]: 19.0 VS N/A
5-1/2" DP TO [STD/HR]: 19.0 VS N/A
24" CSG TI [JT/HR]: 4.0 VS N/A
18-5/8 CSG TI [JT/HR]: 7.0 VS 9.7
13-3/8" CSG TI [JT/HR]: 11.5 VS N/A
9-5/8" CSG TI [JT/HR]: 14.0 VS N/A
5-1/2" TBG TI {JT/HR]: 13.0 VS N/A

==========

JOURNEY MANAGEMENT:
> PROVIDE RIG OFFICE, NAME OF THE COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVE IS NOT RECOMMENDED.
> DIRECTION TO HMYM-5602: HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 13 KM, U-TURN, 12 KM TO SKID ROAD, FOLLOW SIGN BOARD.
> DRIVING DISANCE FROM DH MAIN GATE AS PER D&WO WELLSITE DIVISION IS 88 KM.

==========

ARAMCO PERSONNEL:
> ARAMCO MATERIAL EXPEDITER FAISAL ALHAJRI #8506109 ON LOCATION SINCE 01/18/2026 AT 12:00.
> ARAMCO DIV-6 FIELD SUPT MAHMOUD AHMED #8583618 ON LOCATION SINCE 1/19/2026.
> ARAMCO PDP ABDULRAHMAN ALSHAMEKH #840034 ON LOCATION SINCE 01/25/25.
> FOREMAN DAZOK JAMBOL #901944 LEFT LOCATION FOR COURSE ON 01/27/2026

==========

RENTAL TOOLS ON LOCATION:
> NAPESCO 12" SHOCK TOOL W/ 7-5/8" REG CONNEXION SN: ST-1200-010 ON LOCATION SINCE 12/31/2025

==========

WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO & PED SERVICES [COMPLETIONS]. WATER WELL HMYM-845/ HMYM-847

==========

DRILLS: 0.
NEAR MISS: 0.
STOP CARDS: 56.
STOP WORK AUTHORITY: 6.
PTW: 14.
DAYS WITHOUT LTI: 455.

==========

AUDIT AUDIT TOTAL CLOSED OPEN COMMENT
RHSEI 74 74 0 P1=0, P2= 0, P3 =0
WELL CONTROL 16 16 0 P1=0, P2= 0, P3 =0
3MCI QSI 37 33 4 P2= 00, P3 =00
IHA 171 159 12 P1=0, P2= 09, P3=03

==========

SIMOPS:
ESTABLISHED DAILY CONTACT WITH ADJACENT RIG AD-77 (0135729284) AND SP-259 (0135724207) WITHIN 30 PPM RER.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	0	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
0	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	2.8	9.8	3,800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	97	31	0	16 / 21	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	17	3	15 / 16	20	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	2.8	9.4	3,800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	97	32	0	15 / 19	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	16	3	15 / 17	20	280	0

MUD TREATMENT

BRZN	CAUST	CONDET	ENVIROTHIN	RAPIDSWEEP
5 (55GL)	10 (25KG)	11 (5GL)	20 (50LB)	3 (25LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
1RR	0	482	DP Av	DC Av	Bit HHP	17	110	415	22	SEC
Pressure	**GPM**	**Jet Vel**	33.06	38.1	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
661	612	N/A				1	1	WT	A	E
Serial Numl	**Type**	**Jets**	**TFA**							
840131	SR02S	POOH Reas	N/A							
Gauge	**Other**									
0										

LIMITED MORNING REPORT

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HMYM-560202 EXPLORATION DRILLING BI-1514

01/24/2026 - 02/15/2026

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DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	7.5	44	45	44	7	Shock Sub Serial	Shock Sub Hrs
							22.9

Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	N/A	SEASONAL	457	2 X PRE TOUR; 06:00 & 18:00 SAFETY STD DWN

PERSONNEL AND SERVICES INFORMATION

Company	IWS	SPR	OTH	RIG	BAR	SNS	RIG	ARM	OTH	SAP	ARM	SCM	WDS
Category	WHSS	CSR	CTRG	RIG	DFMS	H2S	OTHR	OTHR	VAC	WTERLNE	WSC	PCS	DPDS
No. of Persons	6	4	16	45	18	1	14	2	1	2	2	4	2
Personnel on Loc. Hrs.	12	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	5	0	24	24	0	0	12	10	24	24	0	0

Total
117

TRUCKS/BOATS

Standby/Tankers
B976

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	200	322	750	18	2700

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HZEM-120612 EXPLORATION DRILLING BI-1514

01/02/2026 - 02/01/2026

أرامكو السعودية
saudi aramco

HP-701 @ HZEM-120612 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HP-701 Well HZEM-120612 Wellbores: (0) HZEM_120612_0	Charge #: (87-24541-7643) Wellbores: (0) HZEM_120612_0	Objective : (DRILL HORIZONTAL DEVELOPMENT TIGHT GAS WELL AND RAN & CEMENT LONG MONOBORE COMPLETION STRING.)	Foreman(s) ALHARTHI, SALEH AHMED / MEGHERBI, MOHAMED SALIH Engineer ALDOSSARY, MOHAMMED KHALID Manager JAHDALI, OMAR HAMEED	THURAYA 0088216777 13813 RIG FORMAN VSAT 0135765456 CONTRACTOR /CLERK VSAT 0135771773

Last 24 hr operations	Next 24 hr plan
DRILL 8-1/2" VERTICAL & CURVE SECTIONS.	DRILL 8-1/2" CURVE & LATERAL SECTIONS.

Location	Next Location
HZEM-120612 IS 4TH SLOT ON HZEM-1206 PAD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,029	9 5/8	6934	6934				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8980	20.4 (01/07/2026@1930)	100	1,049	182	283

Formation Tops

Formations	Top Depth	Comments
MDTM	7,631	2 FT SHALLOWER
SULY	8,152	8 FT SHALLOWER
HITH	8,710	12 FT SHALLOWER
ABAR	9,196	7 FT SHALLOWER
ABBR	9,301	7 FT SHALLOWER
ABCR	9,392	10 FT SHALLOWER
ABDR	9,566	4 FT SHALLOWER
JUBL	9,728	0 FT

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1200	7	0	8 1/2	N	DRLG	D	RSS	SDM	8980	9488			SLB NEOSTEER RSS BHA DRILLED 8-1/2" VERTICAL HOLE SECTION W/92 PCF OBM AND 100 % RETURNS. > DRILLING PARAMETERS: 160-180 RPM, WOB 30-35 KLBS, TDS TRQ 7-11 FT-KLBS, 480-500 GPM, SPP: 2480-2620 PSI. > DRILLED-OFF EVERY CONNECTION. > SLB DD SENT DOWN LINK AS REQUIRED. > PUMPED 50 BBL DRILL AND SEAL PILL EVERY STAND STARTING FROM ARAB B. > SLB CONTROLLED DRILLING PARAMETERS FOR DIRECTIONAL WORK AND MITIGATE SHOCKS.
1200 - 1245	0.75	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	9488	9488			CIRCULATED BOTTOM'S UP ABOVE ARAB-D, 100% RETURN. > MWIN= MW OUT =92 PCF > SLB DD SENT DOWNLINKS.
1245 - 0130	12.75	0	8 1/2	N	DRLG	D	RSS	SDM	9488	9849			SLB NEOSTEER DRILLED 8 1/2" HOLE (PLANNED NEGATIVE VERTICAL SECTION PROFILE) W 92 PCF OBM, 100% RETURNS. > CONTROLED ROP TO MAX 30 FPH THROUGH ARAB-D & JUBAILA TRANSITION ZONE TO AVOID LOSSES. > DRILLING PARAMETERS: 100 RPM, WOB 20-25 KLBS, TDS TRQ 7-9 FT-KLBS, 400-420 GPM, SPP: 1600-1800 PSI. > DRILLED-OFF EVERY CONNECTION. > PUMPED 50 BBL DRILL AND SEAL PILL EVERY STAND STARTING FROM ARAB B. > SWEPT WELBORE WITH 75 BBL DRILL& SEAL AT JUBAILA FRATION TOP. > SLB DD SENT DOWN LINK AS REQUIRED. > RECORDED SPR AS REQUIRED. > 2ND KOP AT 9,849' MD. 9778' TVD
0130 - 0459	3.5	0	8 1/2	N	DRLG	D	RSS	SDM	9849	10029			SLB NEOSTEER RSS DRILLED 8.5" CURVE SECTION W/ 92 PCF OBM, 100% RETURNS. > DRILLING PARAMETERS: 100-160 RPM, WOB 25-30 KLBS, TDS TRQ 8-10 FT-KLBS, 490-530 GPM, SPP: 2400-2800 PSI. > DRILLED-OFF EVERY CONNECTION. > SLB DD SENT DOWN LINK AS REQUIRED. > RECORDED SPR AS REQUIRED.

Foreman Remarks

HZEM-120612 IS THE 4TH SLOT ON HZEM-1206 PAD TO BE DRILLED BY RIG HP-701 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR A (TQMA) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 19 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 18,707 FT. (MD)/ 10,794 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/-7,260 FT AT 167 DEGREE AZIMUTH.

==========

CASING POINTS:
24" CSG @ +/- 828' MD/TVD (7 INTO DAMMAM FORMATION)
18-5/8" CSG @ +/- 1109' MD/TVD (50' INTO RUS FORMATION)
13-3/8" CSG @ +/ - 4945' MD/TVD (50' INTO AHMADI FORMATION)
9-5/8" CSG @ +/- 6,934' MD/TVD (300' INTO BIYADAH FORMATION)
KOP-1 @ +/- 7733' MD/TVD; KOP-2 @ +/- 9818' MD/ 9778' TVD
WELL TD @ +/- 18707' MD / 10788' TVD

==========

JOURNEY MANAGEMENT:
PROVIDE RIG OFFICE, NAME OF THE COMPANY, NUMBER OF PERSONNEL, NUMBER OF BASE PERSONNEL. NIGHT DRIVE IS NOT RECOMMENDED.
DIRECTION TO HZEM-120604: DRIVE FROM DHAHRAN TO AL-HOFUF. FROM HOFUF DRIVE 68 KM ON SALWA HIGHWAY, TURN RIGHT & DRIVE 35 KM ON B/T ROAD, TURN RIGHT & DRIVE 23 KM

LIMITED MORNING REPORT

HZEM-120612 EXPLORATION DRILLING BI-1514

01/02/2026 - 02/01/2026

ON SKID ROAD TO HP-701.
==========
ARAMCO PERSONNEL:
ARAMCO M.E. FAYED ALDAWOOD #8607552 ON LOCATION SINCE 01/06/2026.
ARAMCO P.D.P HOT-II TAHA JAMAL BAAGIEL #839851 ON LOCATION SINCE 01/12/2026.
ARAMCO DIV-6 FIELD SUPT MAHMOUD AHMED #8583618 ON LOCATION SINCE 1/25/2026.
==========
PERSONNEL SHORT FROM RIG CREW: N/A
FULL CREW
==========
RENTAL TOOLS ON LOCATION:
- NPS 6.5" HYD JAR SN#474.651003 ON LOCATION SINCE 1/22/2026 @ 17:00 PM.
- CORETRAX 7" PBL SUB DVS-14-1007-CC1A1079 ON LOCATION SINCE 1/23/2026 @ 08:00 AM.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS).
WATER WELL JNAB-821.
WATER SPRAY TANKER #200877 ON LOCATION SINCE 06/10/2025
==========
DRILLS: 0.
NEAR MISS: 0.
STOP CARDS: 20.
STOP WORK AUTHORITY: 2.
HAZARD HUNT FINDINGS: 10.
==========
AUDIT AUDIT TOTAL CLOSED OPEN COMMENT

RHSEI 77 77 0 P1=1, P2= 75, P3 =1

WELL CONTROL 11 11 0 P1=0, P2= 9, P3 =2

3MCI QSI 30 29 10 P1=0, P2= 24, P3 =6

IHA 304 248 60 P1=20,P2= 223, P3=61
==========
FLAT TIME KPI PLAN VS ACTUAL:

NU DIVERTER [HR]: 5.0 VS N/A
ND DIVERTER [HR]: 2.0 VS N/A
NU 13-5/8" 10M BOP [HR]: 7.5 VS N/A
PT 13-5/8" 10M BOP [HR]: 6.5 VS 6
ND 13-5/8" 10M BOP [HR]: 5.0 VS N/A
NU 18-5/8" SOW [HR]: 5.0 VS N/A
N/U UNIHEAD [HR]: 4.0 VS N/A
5-1/2" DP TI [STD/HR]: 19.0 VS 22.3
5-1/2" DP TO [STD/HR]: 19.0 VS 21.5.
24" CSG TI [JT/HR]: 4.0 VS N/A
18-5/8 CSG TI [JT/HR]: 7.0 VS N/A
13-3/8" CSG TI [JT/HR]: 11.5 VS N/A
9-5/8" CSG TI [JT/HR]: 14.0 VS N/A
5-1/2" TBG TI {JT/HR]: 13.0 VS N/A

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	9,000	10.08	339.58	98	8,943	128.51	-11.77	423.38	1.83
0	9,090	9.42	327.81	90	9,031	132.66	-13.8	437.58	2.33
0	9,184	9.38	313.3	94	9,124	136.24	-16.75	450.36	2.51
0	9,276	9.46	300.67	92	9,215	138.99	-20.4	460.88	2.24
0	9,371	9.41	292.5	95	9,309	141.11	-24.63	469.95	1.41
0	9,468	9.89	278.73	97	9,404	142.42	-29.38	477.08	2.42
0	9,559	11.1	267.95	91	9,494	142.68	-34.4	481.53	2.53
0	9,656	10.99	267.64	97	9,589	142.46	-40.06	485.53	0.13
0	9,748	11.13	267.82	92	9,679	142.25	-45.43	489.93	0.16
0	9,841	11.16	267.24	93	9,770	142.02	-50.91	494.96	0.12
0	9,935	10.51	233.49	94	9,863	140.33	-55.78	495.43	6.69

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	61.1	419 Volts	10.5	0	35,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
135	4.4HTHP	15.6	18	0	9 / 13	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	27	23.3	9 / 10	0	21,600	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	61	441 Volts	10.1	0	35,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
130	4.2HTHP	15.9	16	0	9 / 12	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	26	23.1	8 / 9	0	21,400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	61	472 Volts	10.9	0	35,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

LIMITED MORNING REPORT

HZEM-120612 EXPLORATION DRILLING BI-1514

01/02/2026 - 02/01/2026

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total	
57	0	26	23.5	8 / 9	0	21,600	0	
140	4HTHP	15.5	17	0	9 / 13	OBM	0	

MUD TREATMENT

DURATONE	MRBL-M	EZ-MUL	PRIM-EMUL	CAOH2	STELSEALFN	STELSL50
56 (50LB)	2 (2200L)	2 (55GL)	2 (55GL)	80 (25KG)	24 (50LB)	24 (50LB)
MAXSHIELD	SOURSCAV	BARITE				
2 (55GL)	4 (25KG)	4 (5000L)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
7	7,160	10,029	DP Av	DC Av	Bit HHP	25	160	M423	8.5	SMT
Pressure	GPM	Jet Vel	294.12	N/A	0	I-Row	O-Row	DC	Location	Bearings
2,550	504	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	Type	Jets	TFA							
SA01801	MDSI516PIPC	POOH Reas	N/A							
Gauge	Other									
N/A										

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
7	7,160	10,029	DP Av	DC Av	Bit HHP	25	160	M423	8.5	SMT
Pressure	GPM	Jet Vel	294.12	N/A	0	I-Row	O-Row	DC	Location	Bearings
2,600	504	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	Type	Jets	TFA							
SA01801	MDSI516PIPC	POOH Reas	N/A							
Gauge	Other									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	53	253	260	225	7,800	Shock Sub Serial	Shock Sub Hrs
							0
Mud Motor Seria	Mud Motor Hrs						

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	52	253	260	225	7,250	Shock Sub Serial	Shock Sub Hrs
							0
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	30	426.31	XT54	XT54	24.7	80,871.793	CYX105	PREM	ONFILE
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	94.01	396.31	XT54	XT54	54	80,130.793		CONV	ONFILE
14	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	31.15	302.3	XT54	XT54	2,000	75,054.253			474.651003
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	187.68	271.15	XT54	XT54	54	12,754.253		CONV	ONFILE
12	Crossover	RIG	6.125	1	6.125	3.875	0.97	83.47	NC50	NC50	0.3	2,619.533			67912-1
11	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	18.22	82.5	NC50	NC50	27.7	2,619.242			DVS-14-1007-CC1A1079
10	FIlter Sub	SDM	6.781	1	6.781	2.75	6.79	64.28	NC50	NC50	0.6	2,114.548			675-8052
9	Float Sub	SDM	6.781	1	6.781	2.875	1.95	57.49	NC50	NC50	0.2	2,110.474			OFS13618
8	Float Sub	SDM	6.812	1	6.813	2.875	1.91	55.54	NC50	NC50	0.2	2,110.084			ITS-342650
7	Non Magnetic Drill Collar (NMDC)	SDM	6.75	1	6.75	2.5	6.65	53.63	NC50	NC50	2.8	2,109.702		SPRL	MY08-1
6	Saver Sub	SDM	6.875	1	6.875	4.625	1.52	46.98	5 1/2 FH	4 1/2 REG	0.1	2,091.082			6424-1-1
5	Measurement While Drilling (MWD)	SDM	6.75	1	6.75		24.92	45.46	5-1/2" FH	5-1/2" FH	83	2,090.93			SN8306420
4	Saver Sub	SDM	6.75	1	6.688	3.88	0.89	20.54	NC50	5 1/2 FH	1	22.57			6099-1-1
3	Power & Communication Sub	SDM	6.906	1	6.75	2	5.54	19.65	5 1/2 FH	5 1/2 FH	1	21.68			786806
2	RSS	SDM	6.75	1	6.75	2.5	13.45	14.11	4-1/2" IF	4-1/2" REG	1.2	16.14			SN1299
1	Bit	SMT	8.5	1	8.5		0.66	0.66				0			SA01801

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	SEASONAL	N/A	SEASONAL	399	2 X DAILY PRE TOUR MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	OTH	SDM	RIG	BAR	MSI	RIG	ARM	OTH	SAP	ARM	CRW
Category	CTRG	DPDS	RIG	DFMS	ISPCT	OTHR	OTHR	VAC	WTERLNE	WSC	WBCS

Total 103

LIMITED MORNING REPORT

HZEM-120612 EXPLORATION DRILLING BI-1514

01/02/2026 - 02/01/2026

	No. of Persons	17	3	43	15	4	14	1	1	2	2	1
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	24	24	24	12	12	12	10	0	24	24

TRUCKS/BOATS	Standby/Tankers					
	H758					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	432	159	32	3010
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

HZEM-611614 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/06/2026

أرامكو السعودية
saudi aramco

HP-702 @ HZEM-611614 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HP-702 Well HZEM-611614 Wellbores: (0) HZEM_611614_0	Charge #: (87-25541-7965) Wellbores: (0) HZEM_611614_0	Objective : (DRILLING WELL AS GAS-UNCONVENTIONAL / DEVELOPMENT.)	Foreman(s) VARGAS, JOSE CAMILO / ROMAH, OMAR WAEL Engineer FAQEER, MOHAMMED FAISAL Manager JAHDALI, OMAR HAMEED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 3822	0135765457	0135765498

Last 24 hr operations	Next 24 hr plan
DRILL 8.5" HOLE SECTION AS PER PLAN.	DRILL 8.5" HOLE SECTION TO 26,547 FT, PERFORM CLEAN UP CYCLES & POOH W/ 8.5" SLB RSS DRLG BHA.

Location	Next Location
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT FOR 33 KM ON B/T , TURN LEFT FOR 25 KM SKID	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
24,490	9 5/8	7199	7199				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
22470	22.7 (01/05/2026@1245)	100	2,020	174	174

Formation Tops

Formations	Top Depth	Comments
SFNY	5,140	+ 8 FT
SHUB	5,857	+4 FT
BYDH	6,243	-13 FT
MDTM	7,164	+7 FT
SULY	7,653	-3 FT
HITH	8,177	+2 FT
ABAR	8,679	-2 FT
ABBR	8,786	+4 FT
ABCR	8,897	+4 FT
ABDR	9,042	+3FT
JUBL	9,215	+3 FT
JBSR	10,123	+7 FT
HNIF	10,411	+8 FT
HNFA	10,460	+8 FT
HNFB	10,515	+10 FT
HFCR	10,659	+12 FT
HFDR	10,760	+12 FT
TQMA	10,850	+11 FT

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1400	9	0	8 1/2	N	DRLG	D	RSS	SDM	22470	23200			SLB NEOSTEER RSS DRILLED 8.5" LATERAL SECTION W/ 99 PCF OBM, 100% RETURNS. > DRILLED-OFF EVERY CONNECTION. > RECORDED SCR EVERY 500'.
1400 - 1430	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	23200	23200			RIG SERVICED TDS.
1430 - 0459	14.5	0	8 1/2	N	DRLG	D	RSS	SDM	23200	24490			SLB NEOSTEER RSS DRILLED 8.5" LATERAL SECTION W/ 99 PCF OBM, 100% RETURNS. > DRILLED-OFF EVERY CONNECTION. > RECORDED SCR EVERY 500'.

Foreman Remarks

WELL OBJECTIVES:
HZEM-611614 IS 2ND SLOT ON PAD HZEM-6116 TO BE DRILLED BY RIG HP-702 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 26,515 FT. (MD)/ 10,255 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,500 FT AT 167 DEGREE AZ. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION.
==========WELL INFO==========
CASING SETTING DEPTHS (PLANNED/ ACTUAL):
- 24" CSG AT 545' / 529'.
- 18 5/8" CSG AT 892' / 899'.
- 13 3/8" CSG AT 4508' / 3787'.
- 9 5/8" CSG AT 7207' / 7199'.
- WELL T.D AT 26,515'
==========
FLAT TIME KPI PLAN VS ACTUAL:
NU 18-5/8" SOW [HR]: 5.0 VS 5.0
NU DIVERTER [HR]: 5.0 VS 2.5
ND DIVERTER [HR]: 2.0 VS 2.25
N/U UNIHEAD [HR]: 4.0 VS 2.25
NU 13-5/8" 10M BOP [HR]: 7.5 VS 6.5
PT 13-5/8" 10M BOP [HR]: 6.5 VS 4
ND 13-5/8" 10M BOP [HR]: 5.0 VS N/A
5-1/2" DP TI [STD/HR]: 19.0 VS 21.5
5-1/2" DP TO [STD/HR]: 19.0 VS N/A
24" CSG TI [JT/HR]: 4.0 VS 4.38
18-5/8 CSG TI [JT/HR]: 7.0 VS 5.7
13-3/8" CSG TI [JT/HR]: 11.5 VS 11.0
9-5/8" CSG TI [JT/HR]: 14.0 VS 12.0

LIMITED MORNING REPORT

HZEM-611614 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/06/2026

5-1/2" TBG TI {JT/HR]: 13.0 VS N/A
==========JOURNEY MANAGEMENT & LOCATION==========
CALL HP-702 RIG OFFICE AT 013-576-5457. PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF CO, NUMBER OF PERSONNEL, COLOR OF VEHICLE.
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT 33 KM ON B/T THEN TURN LEFT FOR 25 KM SKID ROAD.

========== ARAMCO PERSONNEL ==========
> ARAMCO MAT EXPEDITER KHALIL BINHADLAN #8732248 ON LOCATION FROM 1/27/2026.
- ARAMCO PDP D.E ABDULRAHMAN ALHADDAB #840059 ON LOCATION SINCE 1/25/2026.
========== RENTAL TOOLS ==========
- NPS 6.5" HYD. DA JAR ON LOCATION SINCE 1/18/2026.
- CORETRAX 7" PBL SUB ON LOCATION SINCE 1/18/2026.

==========WELLSITE RENTAL EQUIPMENTS ==========
- RAC WATER SPRAY TANKER ON LOCATION SINCE 7 SEPT. 2025 .

==========WATER SERVICES==========
- WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS).

==========HSE REPORT==========
> NEAR MISS: 0, DRILLS: 2 SWA , PTW: 12, COACH CARDS: 37.
==========
AUDIT AUDIT TOTAL CLOSED OPEN COMMENT
RHSEI 74 74 0 P1=0, P2= 0, P3 =0
W.CONTROL 14 14 0 P1=0, P2= 0, P3 =0
IHA 164 128 36 P1=0,P2= 29, P3=6

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	22,544	90.13	167	90	10,232	-3623.36	1017.78	12,347.75	0.22
0	22,647	90.21	167	103	10,232	-3653.95	1024.84	12,450.64	0.08
0	22,742	90.24	166.7	95	10,231	-3682.15	1031.43	12,545.54	0.32
0	22,839	90.27	166.9	97	10,231	-3710.93	1038.18	12,642.45	0.21
0	22,951	90.28	167	112	10,230	-3744.19	1045.89	12,754.34	0.09
0	23,060	90.2	166.9	109	10,230	-3776.55	1053.39	12,863.23	0.12
0	23,156	90.23	166.8	96	10,229	-3805.05	1060.05	12,959.15	0.11
0	23,269	90.2	167.2	113	10,229	-3838.61	1067.8	13,072.03	0.35
0	23,355	90.21	167	86	10,229	-3864.16	1073.65	13,157.94	0.23
0	23,442	90.27	166.8	87	10,228	-3889.98	1079.66	13,244.86	0.24
0	23,558	90.27	166.9	116	10,228	-3924.41	1087.7	13,360.76	0.09
0	23,642	90.25	166.8	84	10,227	-3949.34	1093.53	13,444.69	0.12
0	23,745	90.25	166.8	103	10,227	-3979.91	1100.7	13,547.61	0
0	23,841	90.25	166.8	96	10,227	-4008.4	1107.38	13,643.54	0
0	23,937	90.14	166.92	96	10,226	-4036.89	1114.03	13,739.46	0.17
0	24,032	90.22	166.91	95	10,226	-4065.1	1120.58	13,834.38	0.08
0	24,143	90.2	166.96	111	10,226	-4098.05	1128.23	13,945.29	0.05
0	24,247	90.29	166.92	104	10,225	-4128.93	1135.39	14,049.2	0.09
0	24,339	90.3	166.99	92	10,225	-4156.25	1141.72	14,141.12	0.08
0	24,454	90.29	166.82	115	10,224	-4190.39	1149.66	14,256.03	0.15

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	4	0API	59.6	720 Volts	14.6	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
179	7.6HTHP	11.2	22	0	14 / 17	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	31	29.2	12 / 15	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
99 PCF	4	0API	60	700 Volts	14.4	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
179	7.2HTHP	11.4	21	0	13 / 16	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	31	28.6	12 / 14	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
99 PCF	4	0API	60	690 Volts	14	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
176	7.2HTHP	11.6	21	0	13 / 15	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	30	28.4	11 / 12	0	0	0

MUD TREATMENT

EZ-MUL	DURATONE	CAOH2	BARITE	SOURSCAV	BARITE	CACL2-80
9 (55GL)	125 (50LB)	103 (25KG)	19 (5000L)	6 (25KG)	1,165 (100LB)	4 (2200L)
GELTONE	**INVERMUL**					
15 (55LB)	11 (55GL)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
3RR	7,219	24,490	DP Av	DC Av	Bit HHP	60	140	M423	8.5	SMT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HZEM-611614 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/06/2026

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Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
4,950	480	311	280.11	N/A	318	N/A	N/A	N/A	N/A	N/A

Serial Numi	Type	Jets	TFA
S311534R	MDSI516PIPC	8 x 9 /	0.497

Gauge	Other	POOH Reas
N/A		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	192	205	240	200	33	Shock Sub Serial	Shock Sub Hrs
							0

Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	31	986.43	XT54	XT54	24.7	135,938.07	XD105	PREM	FILE
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	93.95	955.43	XT54	XT54	54	135,172.37		CONV	FILE
14	Hydro-Mechanical Jar	NPJ	6.75	1	6.75	2.625	30.41	861.48	NC50	NC50	1,430	130,099.07			HJDA-650-00
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	187.9	831.07	XT54	XT54	52	86,612.77		CONV	FILE
12	Crossover	RIG	6.75	1	6.75	2.125	3.65	643.17	XT54	4 1/2 REG	3.64	76,841.97			FILE
11	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20.22	639.52	NC50	NC50	27.7	76,828.684			CC1A0073
10	FIlter Sub	SDM	6.75	1	6.75	2	5.49	619.3	NC50	T2	90	76,268.59			675-1002
9	Float Sub	SDM	6.812	1	6.813	2.875	1.9	613.81	NC50	NC50	120	75,774.49			0183-03
8	Float Sub	SDM	6.781	1	6.781	2.875	1.54	611.91	NC50	NC50	90	75,546.49			06-00019
7	Non Magnetic Drill Collar (NMDC)	SDM	6.75	1	6.75	2.5	8.7	610.37	NC50	NC50	108	75,407.89		SPRL	5649274A-2/03600
6	Measurement While Drilling (MWD)	SDM	6.75	1	6.75	3.1	25	601.67	NC50	4-1/2" IF	83	74,468.29			21046594
5	Stabilizer	SDM	8.5	1	6.5	2.313	1.18	576.67	NC50	NC50	90	72,393.29			21335
4	Power & Communication Sub	SDM	6.75	1	6.75	2	547	575.49	4 1/2 FH	4 1/2 FH	90	72,287.09			60777-02
3	Shock Sub	CDS	6.75	1	6.75	2.25	15.11	28.49	NC50	NC50	1,450	23,057.09			5000210859-4/SN2
2	RSS	SDM	6.75	1	6.75	2.5	12.73	13.38	4-1/2" IF	4-1/2" REG	83	1,147.59			82539
1	Bit	SMT	8.5	1	8.5		0.65	0.65	4-1/2" REG		140	91			S311534R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	01/18/2026	NORMAL	N/A	SEASONAL	399	2 X PRE TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	RIG	SDM	RIG	BAR	RUE	ARM	SCM	OTH	SAP	ARM
Category	CTRG	DPDS	RIG	DFMS	H2S	OTHR	PCS	VAC	WTERLNE	WSC
No. of Persons	16	3	53	10	1	1	1	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	12	12	12	24	24

Total
90

TRUCKS/BOATS

Standby/Tankers
PU: XVR 3634

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	1000	455	292	93	5300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-752412 EXPLORATION DRILLING BI-1514

01/22/2026 - 02/16/2026

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HP-703 @ HZEM-752412 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HP-703
Well: HZEM-752412
Wellbores: (0) HZEM_752412_0

Charge #: (87-24541-8497)
Wellbores: (0) HZEM_752412_0

Objective : (GAS PRODUCER)

Foreman(s): FALCON TORRES, MANUEL ALEJANDRO / ZAKI, MARK SHAFIK
Engineer: ALHARBI, WALEED SALEM
Manager: ALMERZA, HUSSAIN RADHI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677713 825	013-576-54 58	013-576-54 83

Last 24 hr operations
RTRV WB, RIH 13-3/8" CSG, PERFORM CEMENT JOB, SET PACKOFF, N/D DIVERTER, WELLHEAD WORK

Next 24 hr plan
N/U & P/T BOP STACK, SET WEAR BUSHING, M/U & RIH 12" NESR MOTOR BHA AND DRILL 12" HOLE SECTION.

Location
FROM HOFUF, TAKE 60 KM TO SALWA .TAKE RIGHT SKID RD 30 KM ON SKID ROAD TO HZEM-752412.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,915	13 3/8	4903	4903				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4915	4.7 (01/23/2026@1130)	90	0	168	282

Formation Tops

Formations	Top Depth	Comments
DMMM	709	5 FT SHALLOWER.
RUS	979	2 FT SHALLOWER.
UMER	1,283	AS PLANNED.
ARUM	2,564	10 FT DEEPER.
LAMS	3,173	8 FT DEEPER.
AHMD	4,875	2 FT SHALLOWER.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	16	N	DRLG	TO	BHA	RIG	4915	4915	110	50	PULLED OUT OF HOLE WTH 16" NESR MOTOR. > RACK BACK 3 X 8-1/2" DC'S. > B/O AND L/D 2 SINGLES OF 9-1/2" DC.
0600 - 0645	0.75	0	16	N	DRLG	HT	BHA	ND1	4915	4915			LAY DOWN 16" NESR MOTOR. > B/O & L/D NESR MOTOR AND MWD BHA ASSEMBLY. > L/D REAMERS, CROSS OVERS AND BIT.
0645 - 0700	0.25	0	16	N	WH	RTRV	WBSH	RIG	4915	4915			HPJSM, RETRIEVED WEAR BUSHING AS PER CAMERON ENGINEER.
0700 - 0730	0.5	0	16	N	TINL	OTH	NA	CAM	4915	4915			JETTED WELLHEAD WITH CAMERON JETTING TOOL AS PER CAMERON ENGINEER.
0730 - 0800	0.5	0	16	N	DRLG	OTH	NA	RIG	4915	4915			CLEANED AND CLEARED RIG FLOOR.
0800 - 0900	1	0	16	N	CSG	HT	PEL	SPR	4915	4915			HPJSM, REMOVED DRILL PIPE ELEVATOR & R/U SAPESCO CRT AND 13-3/8" CASING HANDLING EQUIPMENT.
0900 - 1000	1	0	16	N	CSG	RCSG	CSTR	SPR	4915	4915	0	204	HPJSM, M/U & RIH 13-3/8" CSG SHOE TRACK. > FLOAT SHOE + 2 JTS CSG + FLOAT COLLAR. CHECKED FLOATS OK. > TACK WELDED FIRST 5 JOINTS. RIH TOTAL OF 5 OF 121 JTS.
1000 - 1615	6.25	0	16	N	CSG	RCSG	CRT	SPR	4915	4915	204	4856	RIH 13-3/8" CSG, 68 PPF, J/K-55, BTC, COATED CSG, FILL UP ON FLY. > RIH 121 OF 122 JTS. > INSTALLED 3 X CEMENT BASKET 300' FROM RKB. > KPI: 11.5 JTS/HR - ACTUAL: 19.4 JTS/HR.
1615 - 1630	0.25	0	16	N	CSG	RW	CSG	RIG	4915	4915	4856	4903	M/U CAMERON FMH HANGER, WASHED DOWN AND LANDED FMH ON WELLHEAD. > FMH PN: 2345257-05-02 / SN: 122219588001. > CAMERON ENGINEER CONFIRMED LANDING AS PER PROCEDURE. > FLOAT SHOE DEPTH @ 4,903 FT.
1630 - 1715	0.75	0	16	N	CSG	CIRC	MPMP	RIG	4915	4915			CIRCULATED PRIOR CEMENT JOB, 90 % RETURN.
1715 - 1745	0.5	0	16	N	CSG	CMC	CSG	HCM	4915	4915			HPJSM. R/U HALLIBURTON CEMENT HEAD, HOOKUP LINES, FLUSHED & P/T TO 4,000 PSI, OK.
1745 - 2145	4	0	16	N	CSG	CMC	CSG	HCM	4915	4915			PERFORMED 13-3/8" CASING CEMENT JOB. > RIG PUMPED 150 BBL OF 80 PCF ARAMCO SPACER. > HALLIBURTON FLY MIXED & PUMPED 461 BBL OF 94 PCF LEAD CMT SLURRY. > HALLIBURTON FLY MIXED & PUMPED 123 BBL OF 118 PCF TAIL CMT SLURRY. > HALLIBURTON DROPPED 13-3/8" CSG TOP WIPER PLUG. > HALLIBURTON PUMPED 5 BBL OF 118 PCF TAIL CMT SLURRY. > HALLIBURTON PUMPED 20 BBL 80 PCF FRESH WATER. > RIG PUMPED 697 BBL OF 75 PCF DISPLACEMENT MUD. > HAD RETURNS DURING ALL DISPLACEMENT. OBSERVED CEMENT AT SURFACE. > BUMPED PLUG WITH 500 PSI OVER FCP. HELD PRESSURE FOR 10 MINS FOR CASING TEST, OK. > BLED OFF 4 BBLS & CHECKED FLOATS HOLDING, OK.
2145 - 2245	1	0	16	N	CSG	CMC	CSG	HCM	4915	4915			R/D HALLIBURTON CEMENT HEAD & CEMENT LINES. L/D LANDING JOINT.
2245 - 2345	1	0	16	N	CSG	HT	PEL	SPR	4915	4915			R/D SAPESCO CRT & CASING RUNNING EQUIPMENTS. INSTALLED DRILL PIPE

LIMITED MORNING REPORT

HZEM-752412 EXPLORATION DRILLING BI-1514

01/22/2026 - 02/16/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													ELEVATOR.
2345 - 0015	0.5	0	16	N	WH	OTH	NA	RIG	4915	4915			JETTED WELLHEAD & FMH AS PER CAM ENGINEER, POOH & L/D SAME.
0015 - 0200	1.75	0	16	N	WH	PTST	WH	CAM	4915	4915			RIH & INSTALLED FMH PACK-OFF ASSY AS PER CAM ENGINEER: > PERFORMED OVERPULL TEST & P/T SAME TO 5000 PSI, OK. > 18 3/4" X 13 3/8" PACK OFF PN: 2345252-05-01-01 & SN: 122366800-04.
0200 - 0315	1.25	0	16	N	BOP	BOP	DVRT	RIG	4915	4915			HPJSM, N/D FLOW LINE, BELL NIPPLE, 21-1/4" 2M DIVERTER & SPACER SPOOL.
0315 - 0459	1.75	0	16	N	BOP	NU	BOP	RIG	4915	4915			N/U 18-3/4" 5M X 13-5/8" 10K CIW UNI-HEAD. > UNI-HEAD P/N: 2201888-0400321 & SN: 122389608-01. > 2-1/16" GATE VALVE (5K) P/N: 141551-31-19-02 SN: 122388163-02. > 2-1/16" GATE VALVE (10K) P/N: 141551-41-06-80 SN: 122388077-02. > TESTED VOID TO 5,000 PSI (OK). > TESTED SEALS TO 5,000 PSI (OK). **ACTIVITY ONGOING**

Foreman Remarks

HZEM-752412 IS THE 4TH WELL ON HZEM-7524 PAD TO BE DRILLED BY HP-703 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL
TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMATION
AND DRILL TO TD OF 21,336 FT. MD / 10,533 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 10238 FT AT 167 DEGREE AZIMUTH.
THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO
RIG RELEASE IS 23.5 DAYS.
==========
JOURNEY MANAGEMENT:
CALL HP-703 ARAMCO OFFICE AT 013-576-5458 PRIOR TO TURNING OFF MAIN BLACK TOP ROAD. PROVIDE RIG OFFICE, NAME OF THE COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE
AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVE IS NOT RECOMMENDED.
==========
ARAMCO PERSONNEL:
> ARAMCO MATERIAL EXPEDITOR ESSA AL DHAFEERI #8553610 ON LOCATION SINCE 12/27/2025.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL HZEM-851.
========== IN HOUSE AUDITS & EXTRENAL AUDITS ==========
IN HOUSE AUDITS:
> IHA-1 : TOTAL FINDINGS : 113, ALL CLOSED.
> IHA-2 : TOTAL FINDINGS : 117, OPEN -1 (P3).

EXTERNAL AUDITS:
> PCI: TOTAL FINDINGS : 120, ALL CLOSED.
> HSE GAP ANALYSIS : 70.9 %.
> LPD: TOTAL FINDINGS : 18, ALL CLOSED.
==========
RENTAL EQUIPMENT:
>
==========
CASING POINTS : PLANNED ACTUAL
- 18-5/8" CSG : 1,031' 1,027'
- 13-3/8" CSG : 4,927' 4,903'
- 9-5/8" CSG : 7,521'
- 5-1/2" CSG : 21,336'
==========
DRILLS: 0.
NEAR MISS: SLS#10907315.
PERMIT TO WORK: 20.
STOP CARD: 20.

==========
ERP:
PERFORM DAILY COMMUNICATION WITH RIG AD-72 & SP-261 AS PER ERP REQUIREMENTS.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	0API	0	0 Volts	0	9.7	95,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	0HTHP	97	0	0	0 / 0	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
46	0	0	3	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	3.9API	0	0 Volts	3.1	9.6	116,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	87	26	0	11 / 13	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	1	25	13	10 / 12	5	320	0

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HZEM-752412 EXPLORATION DRILLING BI-1514

01/22/2026 - 02/16/2026

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MUD TREATMENT

BRZN	BARITE	BENT	PACR	XC
40 (25LB)	8 (5000L)	25 (50LB)	3 (55LB)	2 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	HIGH	N/A	SEASONAL	358	2 X PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	SPR	GOS	ND1	RIG	BAR	SNS	MSI	RIG	ARM	HCM	OTH	SAP	ARM	CAM
Category	CSR	CTRG	DPDS	RIG	DFMS	H2S	ISPCT	OTHR	OTHR	PCS	VAC	DHPMP	WSC	WHES
No. of Persons	4	14	5	40	16	1	3	18	1	3	1	2	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	24	24	12	12	24	10	24	24	24

Total
112

TRUCKS/BOATS

Standby/Tankers
I742

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	429	292	96	1450

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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JNAB-173214 EXPLORATION DRILLING BI-1514

01/05/2026 - 02/10/2026

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HP-704 @ JNAB-173214 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HP-704 Well JNAB-173214 Wellbores: (0) JNAB_173214_0	Charge #: (87-25699-7717) Wellbores: (0) JNAB_173214_0	Objective : (PART OF HORIZONTAL DEVELOPMENT DRILLING IN JAFURAH BASIN.)	Foreman(s) IMADACHE, ABDERRAHMANE / HASANOV, EMIL Engineer ALMURAISEL, ABDULAZIZ TARIQ / DJIMPE, THEOPHILE SIME Manager ALMERZA, HUSSAIN RADHI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
882-167-77 1-3868	013-576-54 90	013-576-54 92

Last 24 hr operations	Next 24 hr plan
DRILLED LATERAL SECTION WITH 8-1/2" SPS RSS BHA.	DRILL LATERAL SECTION WITH 8-1/2" SPS RSS BHA.

Location	Next Location
FROM HOFUF, TAKE 60 KM TO SALWA, TAKE RIGHT SKID RD 30 KM ON SKID ROAD TO JNAB-173214.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,600	9 5/8	7525	7525				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11270	20 (01/08/2026@0459)	100	3,330	186	187

Formation Tops

Formations	Top Depth	Comments
MDTM	7,456	2 FT DEEPER
SULY	7,960	11 FT DEEPER
HITH	8,530	14 FT DEEPER
ABAR	8,897	6 FT DEEPER
ABBR	9,097	14 FT DEEPER
ABCR	9,225	16 FT DEEPER
ARBD	9,351	15 FT DEEPER
JUBL	9,495	12 FT DEEPER
JBSR	10,492	10 FT DEEPER
HNIF	10,618	7 FT DEEPER
HNFA	10,681	8 FT DEEPER
HNFB	10,720	8 FT DEEPER
HNFC	10,840	6 FT DEEPER
HNFD	10,933	6 FT DEEPER
TQMA	10,963	8 FT DEEPER
TQMB	11,040	7 FT DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	8 1/2	N	DRLG	D	RSS	SPS	11270	11555			DRILLED 8-1/2" LATERAL SECTION WITH SPERRY RSS BHA, FULL RETURNS WITH 96 PCF OBM. > INCREASED INC AT 90.3DEG AS PER IOC. > CONROLLED ROP DUE TO HIGH VIBRATION,
0700 - 2330	16.5	0	8 1/2	N	DRLG	D	RSS	SPS	11555	14000			DRILLED 8-1/2" LATERAL SECTION WITH SPERRY RSS BHA, FULL RETURNS WITH 96-97 PCF OBM.
2330 - 0000	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	14000	14000			SERVICED TDS AND ST-80.
0000 - 0459	5	0	8 1/2	N	DRLG	D	RSS	SPS	14000	14600			DRILLED 8-1/2" LATERAL SECTION WITH SPERRY RSS BHA, FULL RETURNS WITH 97-98 PCF OBM.

Foreman Remarks

JNAB-173214 IS THE 2ND SLOT ON JNAB-1732 PAD TO BE DRILLED BY RIG HP-704 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR A (TQMA) BELOW THE HIGH GR ZONE, THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 26,811 FT. (MD)/ 10,541 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 15,588 FT AT 167 DEGREE AZIMUTH, WELL WILL BE COMPLETED WITH 5 1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 31.5 DAYS.
==========JOURNEY MANAGEMENT & LOCATION==========
CALL HP-704 RIG OFFICE AT 013-576-5490 PRIOR TO TURNING SKID ROAD.
PROVIDE TO ARAMCO OFFICE- NAME OF COMPANY NUMBER OF PERSONNEL, COLOR OF VEHICLE EMERGENCY CONTACT OF BASE PERSONNEL.
DRIVE FROM HOFUF, TAKE 60 KM TO SALWA .TAKE RIGHT SKID RD 30 KM ON SKID ROAD TO JNAB-173204.
==========ARAMCO PERSONNEL==========
ARAMCO PERSONNEL:.
> URDD MATERIAL EXPEDITOR ABDULLAH AL RAMADHAN # 7212876 ON LOCATION SINCE 01/27/2026.
> URDD MATERIAL EXPEDITOR HUSSAM ALGHAMDI # 8520497 ON LOCATION SINCE 01/17/2026.
> URDD PDP MAJED ELAGI # 833573 ON LOCATION SINCE 1/25/2026.
==========WATER SUPPLY==========
IWS PUMPS COMPANY:
> WATER SERVICES INCLUDING PUMPS & FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL JNAB-824.
==========
RENTAL TOOLS ON LOCATION:
> NOV JAR S/N: HMJ650-4385071 ON LOCATION SINCE 22-JAN-2026 AT 09:00.
==========
CASING POINTS :
> 24" CSG: PLANNED AT 755', ACTUAL AT 732'.
> 18-5/8" CSG: PLANNED AT 1,062'. ACTUAL AT 1,051'.
> 13-3/8" CSG :PLANNED AT 4,798'. ACTAUL AT 4,773'.
> 9-5/8" CSG: PLANNED AT 7,514'. ACTUAL AT 7,525'.
> 5-1/2" CSG: PLANNED AT 26,811'.
> KICK-OFF POINT PLANNED AT 9,584'. ACTUAL AT 9,572'.
> LANDING POINT PLANNED AT: 11,223'.
==========DAILY SAFETY REPORT==========

LIMITED MORNING REPORT

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JNAB-173214 EXPLORATION DRILLING BI-1514

01/05/2026 - 02/10/2026

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STOP CARDS: 34, PTW: 12, DRILLS: 2 X PIT DRILLS. NEAR MISS: 0, LTI FREE DAYS: 334 DAYS.
========== ==========IN HOUSE AUDITS AND EXTERNAL AUDITS ==========
IN HOUSE AUDITS:
EXTERNAL AUDITS:
==========OTHER==========
> DAILY COMMUNICATION WITH RIG HP-705 ACCORDING TO ERP.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	11,321	90.37	166.51	94	10,540	-230.1	233.58	1,075.73	0.33
0	11,416	90.31	166.69	95	10,539	-258.27	240.29	1,157.36	0.21
0	11,510	90.25	166.89	94	10,539	-286.16	246.84	1,239.87	0.22
0	11,604	90.31	166.9	94	10,538	-314.07	253.33	1,323.83	0.07
0	11,698	90.56	167.26	94	10,537	-341.99	259.74	1,408.94	0.46
0	11,792	90.18	167.63	94	10,537	-369.96	265.96	1,494.88	0.56
0	11,886	90.31	167.31	94	10,536	-397.93	272.18	1,581.72	0.37
0	11,980	90.68	167.24	94	10,536	-425.87	278.49	1,669.44	0.4
0	12,073	90.43	168.09	93	10,535	-453.56	284.54	1,756.66	0.96
0	12,167	90.43	167.87	94	10,534	-481.59	290.51	1,845.23	0.24
0	12,262	90.31	167.61	95	10,533	-509.88	296.66	1,935.38	0.3
0	12,357	90.37	167.5	95	10,533	-538.16	302.9	2,026.06	0.13
0	12,451	90.31	167.18	94	10,532	-566.11	309.18	2,116.26	0.35
0	12,546	89.94	166.79	95	10,532	-594.32	315.7	2,207.9	0.56
0	12,640	90.37	166.58	94	10,532	-622.2	322.3	2,298.96	0.51
0	12,734	90.18	166.88	94	10,531	-650.09	328.88	2,390.24	0.38
0	12,829	90.62	166.68	95	10,531	-678.28	335.5	2,482.66	0.5
0	12,924	89.94	166.72	95	10,530	-706.46	342.16	2,575.31	0.72
0	13,018	90.06	166.82	94	10,530	-734.35	348.72	2,667.12	0.16
0	13,113	90.12	166.95	95	10,530	-762.55	355.29	2,760.02	0.15
0	13,207	90.12	166.59	94	10,530	-790.44	361.85	2,852.11	0.38
0	13,302	90.18	166.46	95	10,530	-818.6	368.6	2,945.39	0.16
0	13,396	90.12	166.69	94	10,529	-846.46	375.25	3,037.77	0.25
0	13,491	90.18	166.41	95	10,529	-874.63	381.98	3,131.24	0.3
0	13,585	90	167	94	10,529	-902.51	388.57	3,223.77	0.65
0	13,680	90.18	166.78	95	10,529	-930.71	395.14	3,317.32	0.3
0	13,774	90.12	167.2	94	10,529	-958.62	401.59	3,409.93	0.45
0	13,869	89.63	167.1	95	10,529	-986.86	408.04	3,503.56	0.53
0	13,963	89.63	167.23	94	10,529	-1014.79	414.4	3,596.26	0.13
0	14,058	89.51	167.27	95	10,530	-1043.03	420.79	3,690	0.14
0	14,152	89.75	167.03	94	10,531	-1070.96	427.16	3,782.84	0.37
0	14,247	89.69	167.06	95	10,531	-1099.18	433.65	3,876.75	0.07
0	14,341	89.75	166.98	94	10,532	-1127.1	440.09	3,969.73	0.11
0	14,436	89.75	167.05	95	10,532	-1155.32	446.6	4,063.75	0.08
0	14,530	89.69	166.99	94	10,533	-1183.24	453.03	4,156.82	0.09

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	2	0API	59	650 Volts	11.7	0	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	4.4HTHP	13	22	0	12 / 18	OBM	1.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	32	28	9 / 12	0	0	5

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	2	0API	62	680 Volts	11	0	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	4.2HTHP	12	18	0	10 / 18	OBM	1.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	28	26	10 / 11	0	0	4.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	2	0API	59	670 Volts	11.8	0	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	4.6HTHP	13	18	0	12 / 18	OBM	1.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	33	28	11 / 12	0	0	5

MUD TREATMENT

CAOH2	DURATONE	EZ-MUL	INVERMUL	BARITE	CACL2-80
130 (50LB)	130 (50LB)	6 (55GL)	12 (55GL)	22 (5000L)	6 (2200L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
7	8,938	14,600	DP Av	DC Av	Bit HHP	20	181	S323	8.5	SEC
Pressure	**GPM**	**Jet Vel**	291.79	N/A	125	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
4,200	500	191				N/A	N/A	N/A	N/A	N/A
Serial Numb	**Type**	**Jets**	**TFA**							
14488518	GT65RHS1	3 x 13 / 3 x 14	0.84							

LIMITED MORNING REPORT

JNAB-173214 EXPLORATION DRILLING BI-1514

01/05/2026 - 02/10/2026

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Gauge	Other	POOH Reas
N/A		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	59	240	248	230	26,000		75

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5.5	1	5.5	4.67	31	434.9	XT54	XT54	24.7	27,586.948	XD105	PREM	ON FILE
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	188.02	403.9	XT54	XT54	54	26,821.248		CONV	ONFILE
12	Hydro-Mechanical Jar	NOJ	6.5	1	6.5	2.5	43.54	215.88	XT54	XT54	94	16,668.168			HMJ650-4385071
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	94.02	172.34	XT54	XT54	54	12,575.408		CONV	ONFILE
10	Crossover	RIG	6.75	1	6.75	3.25	3.64	78.32	XT54	NC50	100.82	7,498.328			704-08-01
9	Float Sub	SPS	6.75	1	5	3	1.68	74.68	NC50	NC50	100.82	7,131.343			13692178
8	Float Sub	SPS	6.75	1	5	3	1.81	73	NC50	NC50	100.82	6,961.965			13662989
7	Screen sub	SPS	6.75	1	4	3	5.3	71.19	NC50	NC50	100.82	6,779.481			12854670
6	Directional Sub	SPS	6.75	1	6.75	2.25	9.78	65.89	NC50	NC50	95.13	6,245.135			13071170
5	Measurement While Drilling (MWD)	SPS	6.75	1	6.75		10.57	56.11	NC50	NC50	103.2	5,314.764			90822581
4	Directional Sub	SPS	6.75	1	6.75	2.25	9.16	45.54	NC50	NC50	103.4	4,223.94			90822583
3	Gamma Sub	SPS	6.75	1	5	1.7	9.21	36.38	NC50	NC50	97.8	3,276.796			90822582
2	RSS	SPS	6.75	1	6.75	4.612	26.56	27.17	NC50	4 1/2 REG	89.46	2,376.058			IC6125
1	Bit	SEC	8.5	1	8.5		0.61	0.61	4 1/2 REG			0			14488518

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	01/21/2026	NORMAL	N/A	SEASONAL	335	2 X DAY

PERSONNEL AND SERVICES INFORMATION

Company	OTH	SPS	RIG	BAR	SNS	RIG	ARM	OTH	WSC	ARM
Category	CTRG	DPDS	RIG	DFMS	H2S	OTHR	OTHR	VAC	WTERLN	WSC
No. of Persons	17	4	41	14	1	16	3	1	5	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	24	12	10	24	24

Total
104

TRUCKS/BOATS

Standby/Tankers
I797

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	591	401	48	2400

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

JNAB-173402 EXPLORATION DRILLING BI-1514

01/27/2026 - 02/23/2026

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HP-705 @ JNAB-173402 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HP-705
Well: JNAB-173402
Wellbores: (0) JNAB_173402_0

Charge #: (87-24699-8560)
Wellbores: (0) JNAB_173402_0

Objective : (GAS)

Foreman(s): HABEB, ALAA AHMED MOHAMED / REBHI, TOUFIK
Engineer: URDANETA CARBONELL, ESTEBAN DAVID
Manager: ALMERZA, HUSSAIN RADHI

RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
0135775432	0135775480

Last 24 hr operations
R/U ON JNAB-173402. WORK ON PRE-SPUD CHECKLIST, SPUD JNAB-173402, ROTARY DRILL 28" HOLE SECTION W/65 PCF SPUD MUD & 100% CIRCULATION.

Next 24 hr plan
ROTARY DRILL 28" HOLE SECTION TO 24" CP, CHC & DROP GYRO, POOH & L/D BHA, RUN & CEMENT 24" CSG.

Location
257 KM F/DMG. F/ HOFUF 68 KM ON SALWA RD, TURN RIGHT FOR 25 KM ON B/T, SLIGHT LEFT FOR 22 KM B/T.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
112							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0.1 (01/28/2026@0230)	100	112	186	257

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0230	21.5	0	PRE	N	RM	RU	NA	RIG	0	0			GENERAL RIG UP ON JNAB-173402. > HELD PJSM WITH ALL PERSONNEL AND DISCUSSED THE OPERATIONAL AND HSE HAZARDS INVOLVED DURING RIG UP ACTIVITIES. > CONDUCTED H2S DRILL FOR RIG CREW, GOOD RESPONSE. > P/ U & M/ U 28" DRILLING BHA. > WORK ON UR PRE-SPUD CHECKLIST. > PERFORM FINAL WALK AROUND. > HELD PRE-SPUD MEETING.
0230 - 0230	0	0	PRE	S	OT	SPUD	NA	RIG	0	0			SPUD JNAB-173402 ON 01/28/2026 AT 2:30 HRS.
0230 - 0430	2	0	28	N	DRLG	D	TDS	RIG	0	112			ROTARY DRILL 28" HOLE SECTION W/65 PCF SPUD MUD & 100% CIRCULATION. > REDUCED PARAMETERS UNTIL ALL REAMERS BELOW BTM OF CELLAR. > WOB 10-15 KLBS, RPM 20-60, TQ: 2 KFT-LBS, GPM 250-300 GPM, SPP: 160 PSI.
0430 - 0459	0.5	0	28	N	DRLG	RR	TDS	RIG	112	112			RIG SERVICE. PERFORM DROPS INSPECTION.

Foreman Remarks

==========WELL OBJECTIVES==========
JNAB-173402 IS THE 3RD SLOT ON PAD JNAB-1734 TO BE DRILLED BY RIG HP-705 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 17 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 22,140 FT. (MD)/ 10,557 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 10,939 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 24.5 DAYS.
==========JOURNEY MANAGEMENT:==========
> CALL HP-705 RIG OFFICE PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT OF BASE PERSONNEL. NIGHT DRIVING IS NOT RECOMMENDED.
==========ARAMCO PERSONNEL==========
> ARAMCO MATERIAL EXPEDITOR KHALAF ALSUWAYT #8505683 ON LOCATION SINCE 01/23/2026.
==========SAFETY==========
> JSA: 16, PTW: 16.
> NEAR MISS: 00.
> DRILLS: 01 H2S DRILL.
> COACH CARDS: 33.
> SWA: 05.
> SAFETY ALERT: 1 (10-26).
==========RENTAL TOOLS==========
> 12" TAQA SHOCK TOOL 7-5/8 REG, SN# ST5-1200-145 ON LOCATION SINCE 1/27/2026 AT 16H45.
==========WATER SUPPLY==========
> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY IWS PUMPS COMPANY FROM JNAB-826 & JNAB-821.
==========WELL INFO==========
- 24" CSG PLAN AT (780').
- 18-5/8" CSG PLAN AT (1,051').
- 13-3/8" CSG PLAN AT (5,002').
- 9-5/8" CSG PLAN AT (7,492').
- WELL TD PLAN AT : 22,140' MD / 10,557' TVD.
========== ==========OTHER==========
> DAILY COMMUNICATION WITH RIG HP-704 ACCORDING TO ERP.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
1RR	0	112	DP Av	DC Av	Bit HHP	20	65	435	28	VAR
Pressure	GPM	Jet Vel	8.13	8.83	8	I-Row	O-Row	DC	Location	Bearings
160	250	85				N/A	N/A	N/A	N/A	N/A

LIMITED MORNING REPORT

JNAB-173402 EXPLORATION DRILLING BI-1514

01/27/2026 - 02/23/2026

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Serial Num	Type	Jets	TFA
7500627	EB14MRSV	3 x 18 / 1 x 1(	0.942

Gauge	Other	POOH Reas
N/A		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	2	65	66	64	1,500	Shock Sub Serial	Shock Sub Hrs
							2

Mud Motor Seria | Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Drillpipe	RIG	5.5	1	5.5	4.67	1	774.62	XT54	XT54	24.7	96,644.147	XD105	PREM	RIG
12	Heavy Weight Drillpipe (HWDP)	RIG	5.5	10	5.5	3.25	312.81	773.62	XT54	XT54	61.6	96,619.447		CONV	RIG
11	Crossover	RIG	8.5	1	8.5	2.813	3.56	460.81	XT54	6 5/8 FH	83	77,350.351			RIG
10	Heavy Weight Drillpipe (HWDP)	RIG	6.625	2	6.625	4	61.98	457.25	6 5/8 FH	6 5/8 FH	82.748	77,054.871		CONV	RIG
9	Crossover	RIG	8.5	1	8.5	2.813	2.58	395.27	6 5/8 FH	6 5/8 REG	170	71,926.15			RIG
8	Drillcollar	RIG	8.5	9	8.5	2.813	277.54	392.69	6 5/8 REG	6 5/8 REG	170	71,487.55		SPRL	RIG
7	Crossover	RIG	9.5	1	9.5	2.813	2.55	115.15	6 5/8 REG	7 5/8 REG	215	24,305.75			RIG
6	Drillcollar	RIG	9.5	2	9.5	3	61.53	112.6	7 5/8 REG	7 5/8 REG	215	23,757.5		SPRL	RIG
5	Roller Reamer	RIG	28	1	9.5	3	9.77	51.07	7 5/8 REG	7 5/8 REG	215	10,528.55		3 POINT	RIG
4	Pony Collar	RIG	9.5	1	9.5	3	14.74	41.3	7 5/8 REG	7 5/8 REG	215	8,428			RIG
3	Shock Sub	CTC	12	1			14.26	26.56			215	5,258.9			ST5-1200-145
2	Near Bit Roller Reamer	RIG	28	1	9.5	3.062	10.2	12.3	7 5/8 REG	7 5/8 REG	215	2,193		3 POINT	RIG
1	Bit	VAR	28	1	28		2.1	2.1	7-5/8" REG	NA		0			7500627

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	309	2 PRE-TOUR MEETINGS.

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	BAR	RUE	RIG	ARM	HCM	OTH	WSC	ARM	BR1
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	PCS	VAC	WTERLNE	WSC	RINS
No. of Persons	17	41	15	1	22	1	2	1	4	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	12
Operating Hours.	0	24	24	12	12	12	0	10	24	24	12

Total
107

TRUCKS/BOATS

Standby/Tankers
1922

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	600	447	386	102	2000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HZEM-492414 EXPLORATION DRILLING BI-1514

01/01/2026 - 01/31/2026

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HP-706 @ HZEM-492414 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HP-706
Well: HZEM-492414
Wellbores: (0) HZEM_492414_0

Charge #: (87-25541-7948)
Wellbores: (0) HZEM_492414_0

Objective : (HORIZONTAL DEVELOPMENT TIGH GAS WELL)

Foreman(s): LAHSEN, MOHAMED EL AMINE / MEZALI, ABDESSELEM
Engineer: OSAWARU, OSARIMWIAN NESTOR
Manager: MESHAL, MOHAMMED ABDULLAH

RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
013-572-88 96	013-572-13 81

Last 24 hr operations: LAY DOWN 8-1/2" SLB RSS BHA, RETRIEVE WB, RUN 5-1/2" CSG LONG STRING COMPLETION.

Next 24 hr plan: RUN 5-1/2" CSG LONG STRING COMPLETION.

Location: 100 KM FROM HOFUF TOWARDS SALWA, TURN LEFT AT RIG SIGN IN TAMMANIA, 25 KM ON SKID ROAD TO RIG.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
26,427	9 5/8	7179	7179				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
26427	25 (01/03/2026@0600)	100	0	144	275

Formation Tops

Formations	Top Depth	Comments
DAM	622	-5'
UMER	1,196	-7'
ARUM	2,278	+3'
LAMS	2,686	+3'
AHMD	4,732	+16'
SFNY	5,289	+
SHAB	5,869	+15'
BYDH	6,244	+1'
MDTM	7,152	+3
SULY	7,656	+0
HITH	8,190	+1'
ABAR	8,670	+9'
ABBR	8,771	+12'
ABCR	8,846	+12'
ABDR	9,013	+9'
JUBH	9,206	+9'
JBSR	9,957	-1'
HNIF	10,261	+1'
HNFA	10,305	-1'
HNFB	10,356	0
HNFC	10,486	+2
HNFD	10,590	+1
TQMA	10,680	+1

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	8 1/2	N	DRLG	TO	SPDP	RIG	26427	26427	1500	382	POOH W/8-1/2" SLB RSS BHA AND LAID DOWN EXCESS 5 1/2" DP. > LAID DOWN 53 STANDS EXCESS 5-1/2" DP TO PIPE RACKS.
0630 - 0645	0.25	0	8 1/2	N	DRLG	OTH	NA	RIG	26427	26427	1500	382	PERFORMED FLOW CHECK AT TOP BHA, WELL STATIC.
0645 - 0800	1.25	0	8 1/2	N	DRLG	HT	BHA	RIG	26427	26427			POOH AND LAID DOWN 8-1/2" SLB RSS BHA. > L/ DOWN 9 JOINTS OF HWDP SINGLES + 6.5" D-JAR. > LAY DOWN SLB RSS BHA AND BIT IN 3 PIECES.
0800 - 0830	0.5	0	EOW	C	WH	RTRV	WBSH	RIG	26427	26427			RETRIEVED WEAR BUSHING AS PER FMC ENGINEER.
0830 - 0915	0.75	0	EOW	C	WH	OTH	NA	RIG	26427	26427			M/U JETTING TOOL, JET BOP AND WELL HEAD AS PER FMC.
0915 - 0945	0.5	0	EOW	N	DRLG	HT	PEL	RIG	26427	26427			CLEARED AND CLEANED RIG FLOOR.
0945 - 1030	0.75	0	EOW	C	COMP	HT	PEL	SPR	26427	26427			HELD PJSM, RIG UP SAPESCO 5-1/2" SIDE DOOR ELEVATOR, POWER TONG & JAM UNIT, FUNCTION TESTED JAM UNIT, OK.
1030 - 1115	0.75	0	EOW	C	WH	HT	TBGHR	FME	26427	26427			PERFORMED 5-1/2" X 13 5/8" CSG HANGER DUMMY RUN AS PER FMC ENGINEER. > LANDED AT 32.16 FT.
1115 - 1200	0.75	0	EOW	C	COMP	HT	PEL	SPR	26427	26427			HPJSM, R/UP CRT, SERVICE LOOP AND HANDLING TOOLS. > RETRIEVED TDS BAILS.
1200 - 1315	1.25	0	EOW	C	COMP	RPCS	CSTR	RIG	26427	26427			HPJSM, P/U & M/U 5-1/2" SHOE TRACK AS FOLLOWS: > NOV SHOE (15K) + 1 JNT X 5 1/2", 26#, P-110, VAN TOP HC + 1 NOV LATCH COLLAR VT. > 2 JNT X 5 1/2", 26#, P-110, VT HC. > 1 SLB TIV KSV + 2 X PUP JOINTS VTHC PIN X BOX. > 3 JNT X 5 1/2", 26#, P-110, VT HC CSG. > 1 SLB TIV KSV + 2 X PUP JOINTS VTHC PIN X BOX. > BAKER LOCKED FIRST 5 JOINTS. > USED JAM UNITS & CONFIRMED CONNECTION TORQUE. > TESTED FLOATS . OK.
1315 - 2345	10.5	0	EOW	C	COMP	RPCS	UPCOM	SPR	26427	26427	287	7160	RIH 5 1/2" 26#, P-110,VTHC LONG COMPLETION STRING USING SAPESCO POWER

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

HZEM-492414 EXPLORATION DRILLING BI-1514

01/01/2026 - 01/31/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													TONG & JAM UNIT. > RUNNING CASING EMPTY (NO FILL UP). > INSTALLED MARKER JOINTS NO. #1, #2. > 174 OUT OF 645 JNTS.
2345 - 0200	2.25	0	EOW	C	COMP	DTU	GAUG	HSL	26427	26427			HELD PJSM,RIG UP HALLIBURTON SLICK LINE EQUIPMENT & DRIFT CSG WITH 4.423" GAUGE CUTTER TO 6861' (20 FT ABOVE KSV), > GOOD RUN, > RIG DOWN SLICK LINE EQUIPMENT.
0200 - 0459	3	0	EOW	C	COMP	RPCS	UPCOM	SPR	26427	26427	7160	9361	RIH 5 1/2" 26#, P-110,VTHC LONG COMPLETION STRING USING SAPESCO POWER TONG & JAM UNIT. > RUNNING CASING EMPTY (NO FILL UP). > INSTALLED MARKER JOINTS NO. #3. > 228 OUT OF 645 JNTS. > ACTUAL: 20 JTS/HR VS KPI: 13.5 JTS/HR.

Foreman Remarks

WELL OBJECTIVES:
HZEM-492414 IS SECOND WELL ON HZEM-4924 PAD TO BE DRILLED BY HP-706 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 15 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 26,455 FT MD / 10,201 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 15,566 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 30.5 DAYS.

DRIVING DISTANCE FROM DH MAIN GATE: 275 KM.

WELL PLAN:
> DRILLED 22" HOLE WITH ROTARY BHA TO 977 FT
> DRILL 16" HOLE WITH MUD MOTOR BHA TO 4787 FT
> DRILL 12" HOLE WITH MUD MOTOR BHA TO 7202 FT
> DRILL 8.5" HOLE WITH RSS BHA TO DEPTH OF +/- 26,427 FT MD /10,201 FT TVD; KOP#1 @ 7250 FT, KOP #2 @ 9,205 FT, LP @ 10,842 FT.
> 5-1/2", 26#, P-110 VTHC & TN-95HS TN BLUE LONG STRING COMPLETION @ 26,321 MD / 10,175' TVD.
========== JOURNEY MANAGEMENT ==========
> CALL HP-706 RIG OFFICE AT 013-572-8896 OR ARAMCO RIG CLERK AT 013-572-1381 PRIOR TO TURNING OFF MAIN ROAD.
PROVIDE RIG OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
> 100 KM FROM HOFUF TOWARDS SALWA, IN TAMMANIA TURN LEFT AT RIG SIGN, 25 KM ON SKID ROAD FOLLOWING RIG SIGNS

========== ARAMCO PERSONNEL ==========
> ARAMCO MATERIAL EXPEDITOR OBAID ALOMAIM ID# 820728 ON LOCATION SINCE 01/14/2026.

==========DAILY SAFETY REPORT ==========
> STOP CARDS: 44
> PTW: 16
> DRILLS: 0
> LTI FREE DAYS: 279 DAYS

========== WATER SERVICE==========
> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM FWP HZEM-4

==========MAJOR NON-COMPLIANCES WITH 'SCHEDULE G' AND OPERATIONAL NEEDS ==========
- ONLY 1 STANDPIPE HIGH PRESSURE LINE.
- MUD PUMP SUCTION LINES 8" INSTEAD OF 12"
- RIG FLOOR WINCHES CAPACITY 3.2 T INSTEAD OF 5 T

==========OTHER REMARKS==========
> FOREMAN PERFORM DAILY COMMUNICATION WITH AD-71 AS PER ERP REQUIREMENT.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	26,427	90.1	167	0	10,182	-4843.81	1202.26	16,373.98	0.12

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	3.6API	0	0 Volts	0.7	9.8	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	87.8	25	0	11 / 14	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	1	20	12.2	8 / 10	5	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
71 PCF	0	0API	0	0 Volts	0	9	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
37	0	0	0	0 / 0	0	0	0

MUD TREATMENT

BRZN	CAUST	CONDET	ENVIROTHIN	NACL
16 (25KG)	4 (25KG)	8 (5GL)	11 (50LB)	23 (2200L)

LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

HZEM-492414 EXPLORATION DRILLING BI-1514

01/01/2026 - 01/31/2026

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BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5RR	7,210	26,427	DP Av	DC Av	Bit HHP	N/A	N/A	M423	8.5	SMT
Pressure	GPM	Jet Vel	N/A	N/A	N/A	I-Row	O-Row	DC	Location	Bearings
N/A	N/A	N/A				1	1	WT	A	X
Serial Numi	Type	Jets	TFA							
SA01576	MDSI516PIPC	POOH Reas	N/A							
Gauge	Other									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		1
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/13/2026	N/A	N/A	N/A	N/A	289	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SPR	SCC	SDM	RIG	BAR	BFL	RIG	ARM	SNS	SCM	HSL	BSC	SAP	ARM
Category	CSR	CTRG	DPDS	RIG	DFMS	FILT	OTHR	OTHR	H2S	PCS	SLS	SCS	WTERLNE	WSC
No. of Persons	8	15	2	42	2	2	37	1	1	4	2	8	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	18	0	24	24	24	6	12	12	12	2	0	24	24	24

Total
128

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	254	N/A	N/A	5750

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HMYM-560804 EXPLORATION DRILLING BI-1514

01/02/2026 - 02/08/2026

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HP-707 @ HMYM-560804 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HP-707
Well: HMYM-560804
Wellbores: (0) HMYM_560804_0

Charge #: (87-25710-8087)
Wellbores: (0) HMYM_560804_0

Objective : (GAS WELL UNCONVENTIONAL/DEVELOPMENT IN HMYM)

Foreman(s): QATTAN, WALEED SADAQAH / MILOUD, RAMZI
Engineer: URDANETA CARBONELL, ESTEBAN DAVID
Manager: MESHAL, MOHAMMED ABDULLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8988205202 0057125346	013-572-60 74	013-572-55 80

Last 24 hr operations: CONT. N/U & PRESSURE TEST 13-5/8" 10M CLASS-A BOP.

Next 24 hr plan: P/U AND MADE UP 12" TAQA MOTOR BHA,RIH 12" TAQA MOTOR BHA, DRILL OUT CMT.

Location: HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 13 KM, U-TURN, 9 KM TO SKID

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,230	13 3/8	5220	5220				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
5230	9 (01/19/2026@0400)	100	0	88	88

Formation Tops

Formations	Top Depth	Comments
DMMM	558	-10 SHALLOWER
RUS	905	-17 SHALLOWER
UMER	1,322	-17 FT SHALLOWER
ARUM	2,514	-15 FT SHALLOWER
LAMS	2,619	-18 FT SHALLOWER
AHMD	5,156	-15 FY SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0900	4	0	16	N	DRLG	LDP	SPDP	RIG	5230	5230	0	0			P/U & R/B 5 1/2" DP SINGLES FROM RACK. MEANWHILE TIGHTENED BOP BOLTS & NUTS, INSTALL KILL & CHOKE LINES.
0900 - 2130	12.5	0	16	N	BOP	BOP	BOP	RIG	5230	5230			BOP	965578	CONTINUED ASSEMBLE BOP STACK IN-ONE PIECE, TIGHTENED BOP BOLTS & NUTS. > AFTER ATTEMPTING TO TIGHTEN BOP BOLTS AND NUTS BETWEEN UNIHEAD AND BOP OBSERVED 8 BOLTS WERE DAMAGED AND NUTS WERE STUCK (UNABLE TO TIGHTEN NOR LOSEN). > HYDRAULIC TORQUE WRENCH WAS NOT WORKING.
2130 - 2300	1.5	0	16	N	WH	OTH	NA	RIG	5230	5230					M/U & SET CAMERON 13 5/8" TEST PLUG AS PER CIW ENGINEER.
2300 - 2330	0.5	0	16	N	BOP	PJSM	BOP	RIG	5230	5230					HPJSM WITH ALL PARTIES INVOLVED IN N/U 13-5/8" 10M CLASS-A BOP TO DISCUSS JOB PROCEDURES AND ASSOCIATED HAZARDS.
2330 - 0459	5.5	0	16	N	BOP	BOPT	BOP	RIG	5230	5230					PRESSURE TESTED 13-5/8" 10M CLASS-A BOP AS PER ARAMCO STANDARDS.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 0900	12.5	12.5	965578		BOP	HERR	BOP	RIG	5230	WHILE SETTING BOP STACK ON UNIHEAD, BOP BOLTS CONTACTED UNIHEAD FLANG AND THREADS GOT DAMAGED. WHEN RIG CREW ATTEMPTED TO TIGHTEN THE NUTS OBSERVED 9 NUTS JAMMED (UNABLE TO UNSCREW OR TIGHTEN). RIG HYDRAULIC WRENCH WAS NOT WORKING CAUSING EXRTA TIME TO NIPPLE UP BOP.

Foreman Remarks

WELL OBJECTIVES:
HMYM-560804 IS FIRST WELL ON HMYM-5608 PAD TO BE DRILLED BY HP-707 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB).
THE WELL IS PLANNED TO LAND AT +/- 25 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 19,069 FT. MD / 10,587 FT TVD WITH A TOTAL LATERAL LENGTH OF 7,862 FT AT 347 DEGREE AZIMUTH AND 7,500
FT AS THE EFFECTIVE LATERAL LENGTH.
THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 19.5 DAYS.

CASING POINTS : PLANNED ACTUAL

- 18-5/8" CSG : 985' 945'
- 13-3/8" CSG : 5,192' ---
- 9-5/8" CSG : 7,606' ---
- 5-1/2" CSG : 19,096' ---

========== JOURNEY MANAGEMENT ==========
CALL HP-707 RIG OFFICE AT 013-572-6074 OR ARAMCO RIG CLERK AT 013-572-5580 PRIOR TO TURNING OFF MAIN ROAD.
PROVIDE RIG OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
** NIGHT DRIVING IS NOT RECOMMENDED.
==========ARAMCO PERSONNEL ==========
> ARAMCO HSE ADVISOR MOHAMED LOTFY ELSHAMY ID# 8141109 ON LOCATION SINCE 01/01/2026.

LIMITED MORNING REPORT

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HMYM-560804 EXPLORATION DRILLING BI-1514

01/02/2026 - 02/08/2026

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> ARAMCO PDP URSC FADI ALGHAMDI ID #834454 ON LOCATION SINCE 01/14/2026.
> ARAMCO MATERIAL EXPEDITOR MUJIB ALDALBAHI #8601161 ON LOCATION SINCE 01/14/2026.
> ARAMCO FOREMAN ABDULRAHMAN ALHENAKI ON LOCATION SINCE 01/14/2026.
==========SAFETY DATA==========
DAYS WITHOUT LOSS TIME INJURY: 249 DAYS.
- JSA REVISED: 01, NEAR MISSES:00, PTW:13, LOTO:00, SWA: 05,DRILLS: H2S : 00; PIT DRILL 00:, TRIP DRILL:00. SWA DRILL: 00, FIRE DRILL: 00
- TOTAL SOC'S: 53 SUBSTANDARD ACTIONS: 1, SUBSTANDARD CONDITION:01
- HP-707 3MCI 4TH QTR. 2025: TOTAL: 37 CLOSED :35 OPEN: 02
- HP-707 - LPD FINDINGS NOV 2025: TOTAL: 09 CLOSED: 06 OPEN 03
- SAFETY ALERT / REELS : HSE ALERT- 10 -26 CAMP FIRE DUE TO UNAPPROVED RECHARGE USB CABLE
HSE ALERT- 8 -26 ROUSTABOUT ANKLE TWISTED

==========RIG AUDIT STATS==========
AUDIT OPEN CLOSED
LPD 12 4
PCI 0 212
IHA 42 145
========== WATER SERVICE==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL HZEM-858 ON OLD LOCATION HZEM-441812

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
66 PCF	0	0API	0	0 Volts	0	8	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	LS-ND	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
35	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
66 PCF	0	0API	0	0 Volts	0	8.8	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	LS-ND	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
36	0	0	0	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	NA	SEASONAL	249	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	CDS	RIG	BAR	RIG	ARM	BSC	SAP	ARM	CAM
Category	CTRG	DPDS	RIG	DFMS	OTHR	OTHR	SCS	WTERLNE	WSC	WHES
No. of Persons	14	4	46	2	24	3	13	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	12	12	24	0	24	12

Total
111

TRUCKS/BOATS

Standby/Tankers
c009

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	340	450	11	2900

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-181814 WORKOVER-1 BI-1514

01/13/2026 - 02/01/2026

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HWU-3 @ HZEM-181814 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: HWU-3
Well: HZEM-181814
Wellbores: (0) HZEM_181814_0

Charge #: (83-25541-7936)
Wellbores: (0) HZEM_181814_0

Objective : ($ | UR: MILLING PLUGS/TUBING INSTALLATION)

Foreman(s): DAPOGNY, THOMAS MARTIN / ANDERSON, PATRICK BRYAN
Engineer: MAJED, FIRAS MOAYYED
Manager: ASIRI, WAEL ABDUALLAH

THURAYA: 8821677714 222
RIG FORMAN VSAT: 013-576-51 38

Last 24 hr operations: WASHING/MILLING FRAC PLUGS

Next 24 hr plan: WASHING/MILLING FRAC PLUGS

Location: HZEM-181814

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
18,362							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
18362	11.9 (01/16/2026@0700)		0	166	166

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	13298	13448	- WASHING DOWN FROM 13,298' - 13,448 JT. 435 TO PLUG #12 (NO TAG) P/U WT: 58K S/O WT: 48K PUMPED 10BBL HI-VIS PILL. + 5BBL COIL GUARD RECIPROCATING STRING W/60RPM ROTATION @ 1700 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,350 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
0545 - 0645	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	13448	13600	- WASHING DOWN FROM 13,448-13,600' JT. 440 TO PLUG #13 (NO TAG). P/U WT: 58K S/O WT: 45K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 1,500 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,350 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
0645 - 0730	0.75	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	13600	13748	- WASHING DOWN FROM 13,600-13,748' JT. 445 TO PLUG #14 (NO TAG) P/U WT: 58K S/O WT: 45K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 1,700 FT/LBS TRQ. CP: 7,000 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64 TSS FLUSHING TIME: 07:15 RECOVERED: 230 KGS OF SAND.
0730 - 0830	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	13748	13898	- WASHING DOWN FROM 13,748-13,898' JT. 450 TO PLUG #15 (NO TAG) . P/U WT: 59K S/O WT: 48K PUMPED 10BBL HI-VIS PILL. +5BBL COIL GUARD RECIPROCATING STRING W/60RPM ROTATION @ 1,700 FT/LBS TRQ. CP: 7,000 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,400 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
0830 - 0915	0.75	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	13898	14039	- WASHING DOWN FROM 13,898-14,039' JT. 454. TSS HCR ON RETURN EQUIPMENT PACKAGE NOT CLOSING FULLY, SUSPECT SAND BUILD UP IN VALVE SEAT. SWITCH TO HES SNUBBING PACKAGE CHOKE WHILE ISLOTAING TSS EQUIPMENT
0915 - 1015	1	0	EOW	C	MILL	CIRC	MPMP	RIG	18463	18463			- CONTINUE CIRCULATING WELL WITH CIRCULATING PRESSURE 6,900 PSI @ 3BPM 5,400 PSI THROUGH HES CHOKE PACKAGE WHILE TSS FLUSH AND GREASE BOTH HCR ON RETURN LINE PACKAGE. SWITCH BACK TO TSS AFTER TASK COMPLETE
1015 - 1030	0.25	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14039	14069	- WASHING DOWN FROM 14,039-14,069' JT. 455 TO PLUG #16 (NO TAG) P/U WT: 59K S/O WT: 49K PUMPED 10BBL HI-VIS PILL. + RECIPROCATING STRING W/60RPM ROTATION @ 1,600 FT/LBS TRQ.

LIMITED MORNING REPORT

HZEM-181814 WORKOVER-1 BI-1514

01/13/2026 - 02/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													CP: 6,800 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,100 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1030 - 1115	0.75	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14069	14198	- WASHING DOWN FROM 14,069-14,198' JT. 460 TO PLUG #17 (NO TAG) P/U WT: 59K S/O WT: 48K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 1,600 FT/LBS TRQ. CP: 7,000 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,100 TSS FLUSHING TIME: 11:00 RECOVERED: 330 KGS OF SAND. UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1115 - 1200	0.75	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14198	14348	- WASHING DOWN FROM 14,198-14,348' JT. 465 TO PLUG #18 (NO TAG) P/U WT: 60K S/O WT: 49K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 1,600 FT/LBS TRQ. CP: 7,000 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,200 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1200 - 1300	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14348	14498	- WASHING DOWN FROM 14,348-14,498' JT. 470 TO PLUG #19 (NO TAG) P/U WT: 69K S/O WT: 39K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 1,700 FT/LBS TRQ. CP: 7,000 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,400 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1300 - 1400	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14498	14648	- WASHING DOWN FROM 14,498-14,648' JT. 475 TO PLUG #20 (NO TAG) P/U WT: 69K S/O WT: 39K PUMPED 10BBL HI-VIS PILL. STRING W/60RPM ROTATION @ 1,800 FT/LBS TRQ. CP: 7,200 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,350 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1400 - 1645	2.75	0	EOW	C	MILL	CIRC	MPMP	RIG	18463	18463			STS 10BBL HI-VIS PILL/20 BBL FW/10BBL HI-VIS PILL/ 225 BBL FW NOTE: EXTRA CIRCULATION TIME DUE TO SWITCHING OVER TO HES CHOKE SYSTEM FROM TSS TO FLUSH SAND SETTLEMENT FROM HCR VALVE BODY. UNABLE TO FULLY CLOSE TSS HCR VALVES TSS FLUSHING TIME: 14:45 RECOVERED: 245 KGS OF SAND. TSS FLUSHING TIME: 16:00 RECOVERED: 380 KGS OF SAND.
1645 - 1745	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14648	14798	- WASHING DOWN FROM 14,648-14,798' JT. 480 TO PLUG #21 (NO TAG) P/U WT: 69K S/O WT: 39K PUMPED 10BBL HI-VIS PILL. + 5BBL COIL GUARD RECIPROCATING STRING W/60RPM ROTATION @ 1,800 FT/LBS TRQ. CP: 7,000 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,200 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1745 - 1845	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14798	14948	- WASHING DOWN FROM 14798'-14,948' JT. 485 TO PLUG #22 (NO TAG) P/U WT: 67K S/O WT: 40K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 2000 FT/LBS TRQ.

LIMITED MORNING REPORT

HZEM-181814 WORKOVER-1 BI-1514

01/13/2026 - 02/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
1845 - 2000	1.25	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	14948	15098	- WASHING DOWN FROM 14948'-15,098' JT. 490 TO PLUG #23 (NO TAG) P/U WT: 68K S/O WT: 40K PUMPED 10BBL HI-VIS PILL. RECIPROCATING STRING W/60RPM ROTATION @ 2000 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
2000 - 2045	0.75	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	15098	15248	- WASHING DOWN FROM 15,098'-15,248' JT. 495 TO PLUG #24 (NO TAG) P/U WT: 67K S/O WT: 40K PUMPED 10BBL HI-VIS PILL + 5BBLS COIL GUARD. RECIPROCATING STRING W/60RPM ROTATION @ 2300 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
2045 - 2145	1	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	15248	15398	- WASHING DOWN FROM 15,248'-15,398' JT. 500 TO PLUG #25 (NO TAG) P/U WT: 67K S/O WT: 40K PUMPED 10BBL HI-VIS PILL + 10 BBLS FR. RECIPROCATING STRING W/60RPM ROTATION @ 2300 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
2145 - 2300	1.25	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	15398	15548	- WASHING DOWN FROM 15,398'-15,548' JT. 505 TO PLUG #26 (NO TAG) P/U WT: 70K S/O WT: 38K PUMPED 10BBL HI-VIS PILL + 10 BBLS FR. RECIPROCATING STRING W/60RPM ROTATION @ 2400 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
2300 - 0015	1.25	0	EOW	C	MILL	RW	MILL	RIG	18463	18463	15548	15693	- WASHING DOWN FROM 15,548'-15,693' JT. 510 TO PLUG #27 (NO TAG) P/U WT: 70K S/O WT: 38K PUMPED 10BBL HI-VIS PILL + 10 BBLS FR. + 5BBLS COIL GAURD RECIPROCATING STRING W/60RPM ROTATION @ 2400 FT/LBS TRQ. CP: 7,100 PSI PR: 3.0 BPM RR: 2.7 BPM WHP: 5,300 UPSTREAM CHOKE: 18/64" DOWNSTREAM CHOKE: 20/64
0015 - 0459	4.75	0	EOW	C	MILL	CIRC	MPMP	RIG	18463	18463			- FRANKS POWER TONGS DOWN - RIG DOWN AND RIG UP BACK UP TONGS - BACK UP TONG NOT FUNCTIOING AFTER RIGUP - DOWN FOR REPAIRING FRANKS POWER TONGS FROM 00:30-05:00 - WHILE CHANGING REPAIRING TONGS - PUMPED STS - CHANGE OUT STRIPPERS 1 & 2 - SERVICE BLEED OFF AND EQUALIZING VALVES STS 10BBL HI-VIS PILL/20 BBL TW/10BBL HI-VIS PILL/ 265 BBL TW TSS FLUSHING TIME: 02:45 RECOVERED: 215 KGS OF SAND. TOTAL DAILY PLUGS WASHED: 16 TOTAL PLUGS WASHED: 27 TOTAL PLUGS REMAINING: 17 TOTAL SAND RECOVERY TO DATE: 2,348 KG

Workover Objectives

Foreman Remarks

LIMITED MORNING REPORT

HZEM-181814 WORKOVER-1 BI-1514

01/13/2026 - 02/01/2026

MILLOUT FRAC PLUGS: SINGLE LATERAL 6,785'FT / 44 PLUGS; WORKSTRING: 7.9# X 10.9# OR OTHERS
========== JOURNEY MANAGEMENT: ==========
CALL HWU-3 RIG 013 576-5138 / 013 576-6428 OR LEAD FOREMEN PRIOR TO TRAVELING TO HZEM-1818 WELL PAD.
PROVIDE THE FOLLOWING INFORMATION: NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT ALLOWED WITHOUT PROPER APPROVED JOURNEY MANAGMENT, STAY TO THE RIGHT SIDE OF SKID ROAD ON ALL HILLS.
========== RIG DIRECTION ==========
1- TAKE SALWA ROAD TOWARDS HZEM. AT THE SIGN SHOWING 80KM TO SALWA TRAVEL ANOTHER 7.3KM AND TURN RIGHT AT HWU-3 SIGNS FROM HZEM BRIDGE
2- TRAVEL ON BLACKTOP FOR +/- 30 KM AND TURN RIGHT ONTO SKID ROAD AT HWU-3 SIGN
3- DRIVE ON SKID ROAD FOR 9 KM.
4- HWU-3 LOCATION WILL BE ON YOUR LEFT SIDE.
========== SAUDI ARAMCO PERSONNEL ==========
** ARAMCO FOREMAN PATRICK ANDERSON #8713250 ON LOCATION SINCE 7-JAN-26 **
** ARAMCO ME IRFHAN AHAMED #8282410 ON LOCATION 09/21/2025 **
** ARAMCO ME ABDULLAH MOHAMMED #7211367 ON LOCATION 01/04/2026 **

========== DAILY SAFETY REPORT ==========
** GAP ANALYSIS (SEP 25)**
SCORE 96.42%
(1 OPEN)

** IN HOUSE AUDIT (NOV 25/DEC 25)**
P1 (0 OPEN) (5 CLOSED) ,P2 (12 OPEN) (48 CLOSED)

WCEI (SEP25)
P2 (0 OPEN) (6 CLOSED)

** RHSEI (SEP25)**
P1 (0 OPEN) (1 CLOSED) , P2 (0 OPEN) (40 CLOSED) , P3 (0 OPEN) (3 CLOSED)

-LTI FREE DAYS:- 712
- HOC:-10
- SWA:- 4
- NM:- 0
- INJURY:- 0
- INSPECTION:- 10
- DRILLS:- 0
- INDUCTION:- 0
- PTW:- 15
- MEETING:-17
- JSA:- 15
-HSE ALERTS:
========== WELL SEQUENCE ==========
WELLS SEQUENCE
CURRENT WELL: HZEM-181814 (2ND WELL)MILLOUT FRAC PLUGS/TBG INSTALL,
HZEM-181802 (3TH WELL) MILLOUT FRAC PLUGS/TBG INSTALL,
HZEM-1818012 (4TH WELL) MILLOUT FRAC PLUGS/TBG INSTALL.
HZEM-181804 (1ST WELL) MILLOUT FRAC PLUGS/TBG INSTALL, - COMPLETED

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	18,463	90.2	167.7	0	10,752	-2332.49	722.78	8,011.52	0.07

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	663	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	ARM	ARM	HTS	
Category	CTRG	RIG	OTHR	WSC	WTSE	
No. of Persons	13	80	1	2	15	Total 111
Personnel on Loc. Hrs.	12	12	12	12	12	
Operating Hours.	0	24	24	24	24	

TRUCKS/BOATS

Standby/Tankers
b822

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HZEM-711212 EXPLORATION DRILLING-1 BI-1514

01/20/2026 - 02/01/2026

أرامكو السعودية
saudi aramco

HWU-4 @ HZEM-711212 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HWU-4 Well HZEM-711212 Wellbores: (0) HZEM_711212_0	Charge #: (83-25541-7817) Wellbores: (0) HZEM_711212_0	Objective : ($ | UR: MILLING PLUGS/TUBING INSTALLATION)	Foreman(s) SMITH, DARNELL CORVELL / PORTILLO, ALEX JAMES Engineer MAJED, FIRAS MOAYYED Manager ASIRI, WAEL ABDUALLAH THURAYA 88216-777- 13830 | RIG FORMAN VSAT 0135727292 | CONTRACTOR /CLERK VSAT 0135727291

Last 24 hr operations WASHING DOWN WITH MILLING ASSY	Next 24 hr plan CONT TO WASH DOWN WITH MILLING ASSY.

Location HZEM-711212	Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
21,687							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
21687	4.9 (01/23/2026@0800)		0	175	175

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17076	17223	- WASHING DOWN FROM 17,076'-17223' JT. #556 TO PLUG #40 (NO TAG) PUMPED 10BBL HI-VIS PILL , RECIPROCATING STRING W/60RPM ROTATION @ 2300 FT/LBS APP.TRQ. CP: 7400 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 53K S/O: 43K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
0700 - 0830	1.5	0	EOW	C	MILL	CIRC	MPMP	RIG	21782	21782			STS 10 BBLS GEL/20 FW/10 BBL GEL 300 BBL FW
0830 - 0930	1	0	EOW	C	BOP	BOP	RAMS	RIG	21782	21782			C/O BOP #1 & #2 STRIPPERS PER ARAMCO PROCEDURE.
0930 - 1015	0.75	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17223	17376	- WASHING DOWN FROM 17,223'-17,376' JT. #561 TO PLUG #41 (NO TAG) PUMPED 10BBL HI-VIS PILL , RECIPROCATING STRING W/60RPM ROTATION @ 1900 FT/LBS APP.TRQ. CP: 7400 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 55K S/O: 44K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1015 - 1130	1.25	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17367	17526	- WASHING DOWN FROM 17,376'-17,526' JT. #566 TO PLUG #42 (NO TAG) PUMPED 10BBL HI-VIS PILL , RECIPROCATING STRING W/60RPM ROTATION @ 1900 FT/LBS APP.TRQ. CP: 7600 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 55K S/O: 44K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1130 - 1245	1.25	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17526	17676	- WASHING DOWN FROM 17,526'-17,676' JT. #571 TO PLUG #43 (NO TAG) PUMPED 10BBL HI-VIS PILL , RECIPROCATING STRING W/60RPM ROTATION @ 1900 FT/LBS APP.TRQ. CP: 7300 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 55K S/O: 44K

LIMITED MORNING REPORT

HZEM-711212 EXPLORATION DRILLING-1 BI-1514

01/20/2026 - 02/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1245 - 1345	1	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17676	17826	- WASHING DOWN FROM 17,676'-17,826' JT. #576 TO PLUG #44 (NO TAG) PUMPED 10BBL HI-VIS PILL , RECIPROCATING STRING W/60RPM ROTATION @ 2400 FT/LBS APP.TRQ. CP: 7300 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 58K S/O: 48K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1345 - 1500	1.25	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17826	17973	- WASHING DOWN FROM 17,826'-17,973' JT. #581 TO PLUG #45 (NO TAG) PUMPED 10BBL HI-VIS PILL, 5BBL CG RECIPROCATING STRING W/60RPM ROTATION @ 2400 FT/LBS APP.TRQ. CP: 7300 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 58K S/O: 48K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1500 - 1600	1	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	17973	18126	- WASHING DOWN FROM 17,973'-18,126' JT. #586 TO PLUG #46 (NO TAG) PUMPED 10BBL HI-VIS PILL, 5BBL CG RECIPROCATING STRING W/60RPM ROTATION @ 2500 FT/LBS APP.TRQ. CP: 7400 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 59K S/O: 48K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1600 - 1715	1.25	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	18126	18276	- WASHING DOWN FROM 18,126'-18,276' JT. #591 TO PLUG #47 (NO TAG) PUMPED 10BBL HI-VIS PILL,RECIPROCATING STRING W/60RPM ROTATION @ 2500 FT/LBS APP.TRQ. CP: 7400 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5400 P/U: 59K S/O: 48K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1715 - 1815	1	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	18276	18426	- WASHING DOWN FROM 18,276'-18,426' JT. #596 TO PLUG #48 (NO TAG) PUMPED 10BBL HI-VIS PILL+ 10BBL FR+ 5BBL CG ,RECIPROCATING STRING W/60RPM ROTATION @ 3100 FT/LBS APP.TRQ. CP: 7600 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 65K S/O: 54K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1815 - 1945	1.5	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	18426	18576	- WASHING DOWN FROM 18,426'-18,576' JT. #601TO PLUG #49 (NO TAG) PUMPED 10BBL HI-VIS PILL+ 10BBL FR ,RECIPROCATING STRING W/60RPM ROTATION @ 3000 FT/LBS APP.TRQ.

LIMITED MORNING REPORT

HZEM-711212 EXPLORATION DRILLING-1 BI-1514

01/20/2026 - 02/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													CP: 7500 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 65K S/O: 52K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
1945 - 2100	1.25	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	18576	18723	- WASHING DOWN FROM 18,576'-18,723' JT. #606 TO PLUG #50(NO TAG) PUMPED 10BBL HI-VIS PILL+ 10BBL FR ,RECIPROCATING STRING W/60RPM ROTATION @ 3000 FT/LBS APP.TRQ. CP: 7500 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 64K S/O: 52K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
2100 - 2330	2.5	0	EOW	C	MILL	CIRC	MPMP	RIG	21782	21782			STS 10 BBL GEL / 20 BBL FW / 10 BBL GEL / 300 BBL FW RECIPROCATING STRING W/60RPM ROTATION @ 3000 FT/LBS APP.TRQ. CP: 7500 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 64K S/O: 52K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
2330 - 0030	1	0	EOW	C	BOP	BOP	RAMS	RIG	21782	21782			C/O BOP STRIPPER #1 AND #2, GREAST EQ/BO LOOP ***REESTABLISH PARAMETERS*** JOINT 607 P/U- 64K S/O- 52K PR - 3.0 RR- 2.7 CP- 7500 PSI WHP- 5300 PSI GAUGE TORQUE,- 3900 FT/LBS FREE SPIN TORQUE- 1900 FT/LBS ESTIMATED APPLIED TORQUE - 2000 FT/LBS
0030 - 0200	1.5	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	18723	18876	- WASHING DOWN FROM 18,723'-18,876' JT. #611 TO PLUG #51 (NO TAG) PUMPED 10BBL HI-VIS PILL+ 10BBL FR+ 5 BBL CG ,RECIPROCATING STRING W/60RPM ROTATION @ 1900 FT/LBS ESTIMATED APP. TRQ. (3700 FT/LBS GAUGE) **PUMPING DRIL N SLIDE ON A 10 DS /20 FW SCHEDULE** CP: 7500 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 64K S/O: 52K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
0200 - 0330	1.5	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	18876	19026	- WASHING DOWN FROM 18,876'-19,026' JNT. #616 TO PLUG #52 (NO TAG) PUMPED 10BBL HI-VIS PILL+ 10BBL FR ,RECIPROCATING STRING W/60RPM ROTATION @ 1800 FT/LBS ESTIMATED APP. TRQ. (3700 FT/LBS GAUGE) **PUMPING DRIL N SLIDE ON A 10 DS / 20 FW SCHEDULE** CP: 7500 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 64K

LIMITED MORNING REPORT

HZEM-711212 EXPLORATION DRILLING-1 BI-1514

01/20/2026 - 02/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													S/O: 52K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10
0330 - 0459	1.5	0	EOW	C	MILL	RW	MILL	RIG	21782	21782	19026	19195	- WASHING DOWN FROM 19,026'-19,195,' JNT. #621 TO PLUG #53 (NO TAG) PUMPED 10BBL HI-VIS PILL+ 10BBL FR ,RECIPROCATING STRING W/60RPM ROTATION @ 1700 FT/LBS ESTIMATED APP. TRQ. (3800 FT/LB GAUGE) **PUMPING DRIL N SLIDE ON A 10 DS / 20 FW SCHEDULE** CP: 7500 PSI PR: 3 BPM RR: 2.7 BPM WHP: 5300 P/U: 64K S/O: 52K UPSTREAM CHOKE: 16/64" DOWNSTREAM CHOKE: 20/64" WATER PH: 10 ******TOTAL SAND RECOVERED: 8112 KG @ RT***** *****DAILY PLUG SUMMARY*** TOTAL DAILY PLUGS WASHED: 14 TOTAL PLUGS WASHED: 53 TOTAL PLUGS REMAINING: 16

Foreman Remarks

LATERAL LENGTH: 10,470'
68 PLUGS
PH6 7.9 -10.7# WORKSTRING

========== JOURNEY MANAGEMENT ==========
CALL HWU-4 RIG 013 5727292 OR LEAD FOREMEN PRIOR TO TRAVELING TO HZEM-7112 WELL PAD. LOCATION IS 175 KM. FROM DMG. PROVIDE THE FOLLOWING INFORMATION: NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT ALLOWED WITHOUT PROPER APPROVED JOURNEY MANAGEMENT, STAY TO THE RIGHT SIDE OF SKID ROAD ON ALL HILLS.

========== DIRECTIONS==========
DIRECTIONS:
1. DRIVE 66 KM F/DMG.
2. FROM HOFUF DRIVE 68 KM ON SALWA RD, TURN RIGHT FOR 33 KM ON BLACK TOP.
3. TURN LEFT FOR 5 KM SKID ROAD FOLLOWING HWU-4 RIG SIGNS TO THE RIG.
4. UTM NORTHING: 2737084.16, UTM EASTING: 431578.26
==========SAUDI ARAMCO PERSONNEL ==========
ARAMCO RIG CLERK SAKUNTHALA GANESH # 8801888 ON LOCATION 9/14/25
ARAMCO FOREMAN ALEX JAMES PORTILLO #7204713 ON LOCATION 12/18/2025
ARAMCO FOREMAN DARNELL SMITH #8590027 ON LOCATION 12/31/25*

==========DAILY SAFETY REPORT ==========
-LTI FREE DAYS: 513
-OBSERVATIONS: 10
-STOP WORK AUTHORITY: 2
-NEAR MISS: 0
-INJURIES (FAC): 0
-INSPECTION: 10
-DRILLS: 0
-INDUCTIONS: 2
-PERMITS: 11
-PJSM: 15
-JSA: 15
-HSE ALERTS: 1

==========

HWU-4

** GAP ANALYSIS (OCT 25)**
SCORE 78%
(8 OPEN)

** IN HOUSE AUDIT (DEC 25)**

P2 (1 OPEN) (53 CLOSED)

WCEI (APR 25)
P1 (0 OPEN) (1 CLOSED) , P2 (0 OPEN) (9 CLOSED)

** RHSEI (APR25)**
P2 (0 OPEN) (43 CLOSE) , P3 (0 OPEN) (5 CLOSED)

LIMITED MORNING REPORT

HZEM-711212 EXPLORATION DRILLING-1 BI-1514

01/20/2026 - 02/01/2026

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WELLS SEQUENCE
COMPLETED WELL: HZEM-711204 (1ST WELL) MILLOUT FRAC PLUGS/TBG INSTALL
COMPLETED WELL: HZEM-711214 (2ND WELL) MILLOUT FRAC PLUGS/TBG INSTALL, CURRENT WELL: HZEM-711212 (4TH WELL) MILLOUT FRAC PLUGS/TBG INSTALL.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	21,782	90.5	163.2	0	10,471	-3460.58	680.46	11,571.01	0.51

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	N/A	N/A	N/A	470	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	ARM	FMC	ARM	NWT	
Category	CTRG	RIG	OTHR	PRS	WSC	WTSE	
No. of Persons	13	66	1	3	2	10	Total 95
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	12	12	12	12	12	

TRUCKS/BOATS

Standby/Tankers
I-880

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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DNAN-250204 EXPLORATION DRILLING-1 BI-1514

12/29/2025 - 02/09/2026

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saudi aramco

HWU-5 @ DNAN-250204 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HWU-5 Well DNAN-250204 Wellbores: (0) DNAN_250204_0	Charge #: (85-22752-7641) Wellbores: (0) DNAN_250204_0	Objective : (I | FISHING/REMOVING OBSTRUCTION: WORK DONE TO RECOVER EQUIPMENT LOST OR REMOVE DOWNHOLE OBSTRUCTION)	Foreman(s) MCCONNELL, JAMES / MANSELL, CRAIG Engineer RUMAIH, JEHAD FAWZI Manager ASIRI, WAEL ABDUALLAH THURAYA 8821677713 779 | RIG FORMAN VSAT 013-576-51 37 | CONTRACTOR /CLERK VSAT 013-378-82 14

Last 24 hr operations	Next 24 hr plan
CONT SNUB OUT OF HOLE WFD FLAT BOTTOM MILL ASSY.	CONT SNUB OUT OF HOLE, SECURE WELL & L/D WFD FLAT BOTTOM MILL ASSY.

Location	Next Location
DNAN-250204	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
18,804	5 1/2	18730	10592				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
18804	46.8 (01/16/2026@0100)		0	57	73

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1400	9	0	EOW	N	FISH	TO	SPDP	RIG	18804	18804	11047	7793	SOOH WITH WFD FLAT BOTTOM MILL ASSY ON 2 7/8" 8.7# PH-6 TBG FROM JT#355 DEPTH 11047' TO JT# 247 DEPTH 7,793'
1400 - 1500	1	0	EOW	N	FISH	PJSM	NA	RIG	18804	18804			****HOLD SAFETY STAND DOWN MEETING**** - DEFINING THE LINE OF FIRE (WHAT DOES IT MEAN TO BE IN HARMS WAY) - ANTICIPATING "SNAP BACK " ZONES FOCUS ON AREAS WHERE IF A LOAD FAILS OR SLIPS TO STAY CLEAR OF - 20/20/20 RULE - PRACTICE STOPPING EVERY 20MIN TO TAKE 20SEC TO LOOK AROUND YOUR 20' WORKING AREA TO IDENTIFY POTENTIAL HAZARDS - GOOD COMMUNICATION BETWEEN CREW DURING POOH AND RIH OPERATIONS
1500 - 2345	8.75	0	EOW	N	FISH	TO	SPDP	RIG	18804	18804	7793	4887	SOOH WITH WFD FLAT BOTTOM MILL ASSY ON 2 7/8" 8.7# PH-6 TBG FROM JT#247 DEPTH 7,793' TO JT# 155 DEPTH 4887 '
2345 - 0045	1	0	EOW	N	FISH	PJSM	NA	RIG	18804	18804			****HOLD SAFETY STAND DOWN MEETING**** -CONDUCTED A SAFTEY STAND-DOWN MEETING TO REINFORCE COMPLIANCE WITH SAUDI ARAMCO LIFE-SAVING RULES -RE-EMPHASISED THE IDENTIFICATION OF LINE OF FIRE -REVIEWED EXPECTATIONS FOR MAINTAINING SAFE DISTANCES FROM SUSPENDED,PRESSURISED,OR ENERGY-STORED EQUIPMENT -REITERATED THE IMPORTANCE OF CLEAR COMMUNICATIONS,JOB COORDINATION,AND STOP WORK AUTHORITY.
0045 - 0459	4.25	0	EOW	N	FISH	TO	SPDP	RIG	18804	18804	4887	3687	SOOH WITH WFD FLAT BOTTOM MILL ASSY ON 2 7/8" 8.7# PH-6 TBG FROM JT#155 DEPTH 4887' TO JT#117 DEPTH 3687' - P/U: 20K S/O: 8K - 3311 PSI AT CHOKE **ON GOING @ RT**

Foreman Remarks

========== WELL OBJECTIVE ==========
* RECOVER COIL BHA AND 918' OF 2-3/8" COIL TBG
- TOTAL COIL TBG RECOVERED TO DATE: 896.6' + CT BHA: 22.75'
* COMMENCED OPERATION ON 01/15/2026
* HWU-5 RIG ELEVATION FROM SNUBBING WORK BASKET HAND-RAIL TO GROUND LEVEL = 122.5'
==========JOURNEY MANAGEMENT ==========
CALL HWU-5 RIG 013-576-5137 OR LEAD FOREMEN PRIOR TO TRAVELING. FOLLOW (HWU-5) SIGNS TO WELL PAD PROVIDE THE FOLLOWING INFORMATION: NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT RECOMMENDED, STAY TO THE RIGHT SIDE OF SKID ROAD ON ALL HILLS.
========== DIRECTIONS==========
NOTE: 73 KM FROM DH MAIN GATE.
1) FROM DHAHRAN TRAVEL ON BLACK TOP HWY 95 TO SPARK BRIDGE ROAD
2) TURN WEST ON SPARK BRIDGE ROAD AND FOLLOW FOR 29.8KM
3) TURN SOUTH ON ABUQAYQ GOSP ROAD FOLLOW FOR 3KM
4) TURN EAST ON SKID ROAD FOLLOWING SIGNS FOR HWU-5
==========PERSONNEL==========
RIG CLERK UMAR MUHAMMAD ID#8183296 ON LOCATION SINCE 12/01/2025
RIG FORMAN CRAIG MANSELL ID#8412530 ON LOCATION 01/15/2026
*** ARAMCO FORMAN BAQER QURAISH ID#754602 ON LOCATION 1/18/2026***
==========ERP==========
* ERP POSTED IN ARAMCO FOREMAN OFFICE, MUSTER POINTS & STAGING AREAS.
==========SAFETY==========
STOP WORK AUTHORITY: 2, OBSERVATIONS: 10, INSPECTIONS: 11, INDUCTIONS: 6, NEAR MISS: 0, DRILLS: 0, PTW: 11, PJSM: 11, JSA: 11
HSE ALERT: 2
==========AUDIT PROGRESS==========

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
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DNAN-250204 EXPLORATION DRILLING-1 BI-1514

12/29/2025 - 02/09/2026

** GAP ANALYSIS (NOV 25)**
SCORE 94.82%
(4 OPEN)
** IN HOUSE AUDIT (OCT 25 / DEC 25)**
P1 (0 OPEN) (6 CLOSED) , P2 (5 OPEN) (89 CLOSED) , P3 (3 OPEN) (6 CLOSED)
WCEI (APR 25)
P1 (0 OPEN) (1 CLOSED) , P2 (0 OPEN) (12 CLOSED) , P3 (0 OPEN) (5 CLOSED)
** RHSEI (APR25)**
P1 (0 OPEN) (1CLOSED) , P2 (0 OPEN) (47 CLOSED) , P3 (0 OPEN) (4 CLOSED)

========== ==========
DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): DAILY: 4,000 LT/TOT (MONTH) 16,000 LTS.
========== WELL SEQUENCE ==========
COMPLETED WELLS: N/A
CURRENT WELL: DNAN-250204

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	18,804	91.61	347	0	10,592	2532.32	-453.88	8,440.53	0.26

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	01/15/2026	NORAMAL	N/A	SEASONAL	1,199	CURRENT OPERATION & SWA.

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	RIG	ARM	WTS	
Category	CTRG	RIG	MED	OTHR	SLS	
No. of Persons	13	49	2	3	2	Total 69
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	12	12	12	12	

TRUCKS/BOATS

Standby/Tankers
dh-4786

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-181404 WORKOVER-1 BI-1514

01/09/2026 - 01/31/2026

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HWU-6 @ HZEM-181404 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HWU-6 Well HZEM-181404 Wellbores: (0) HZEM_181404_0	Charge #: (83-25541-7905) Wellbores: (0) HZEM_181404_0	Objective : (MILLING PLUGS/ TBG INSTULATION)	Foreman(s) WEBSTER, ROBERT GREG / STREVENS, RAYMOND JOHN Engineer MAJED, FIRAS MOAYYED Manager ASIRI, WAEL ABDUALLAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 3828	0135777592	0135766801

Last 24 hr operations	Next 24 hr plan
CONT TEST FB EQUIPMENT- CONT TO PREPARE HWU-6 FOR MILLING OPERATIONS.	CONT TEST FB EQUIPMENT- CONT TO PREPARE HWU-6 FOR MILLING OPERATIONS.

Location	Next Location
HZEM-181404	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
18,622							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
18622	0 (@)		0	166	170

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	RM	RM	NA	RIG	18622	18622			CONT TO PREPARE & RU HWU-6 & FB PACKAGE... - MAKE UP AND INSTALL FLARE LINES TO SOUTH AND WEST PITS.(DAYLIGHT OPERATION ONLY) - TEST FB AS PER ARAMCO STANDARDS. 21 TESTS OUT OF 23 COMPLETED. - CAT 4 MPI INSPECTION ON SLIPS. - REBUILD INSPECTED SLIP ASSEMBLIES. - SPOT 2ND HALLIBURTON PUMP. - CONNECT PUMPS TO MANIFOLD. - SPOT FR MIXING TANK. - CONNECT MIX TANK TO MANIFOLD ** FB PACKAGE - FLUSH LINES 100% - FB PACKAGE 100% RU ** HWU-6 - HWU-6 - 80% RU

Workover Objectives

Foreman Remarks

========== WELL OBJECTIVE ==========
- MILLING PLUGS / TUBING INSTULATION.
========== JOURNEY MANAGEMENT ==========
CALL HWU-6 RIG 013 5777592 OR LEAD FOREMEN PRIOR TO TRAVELING TO HZEM-1814 WELL PAD. LOCATION IS 170 KM. FROM DMG. PROVIDE THE FOLLOWING INFORMATION: NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT ALLOWED WITHOUT PROPER APPROVED JOURNEY MANAGMENT, STAY TO THE RIGHT SIDE OF SKID ROAD ON ALL HILLS.
========== PERSONNEL==========
ARAMCO MR TARANI P DULAL #8083712 ARRIVE ON LOCATION 12/6/2025
ARAMCO FOREMAN CHARLES MANHARD #8791315 ON LOCATION 1/21/2026
ARAMCO FCT MOHAMMED ALSHAHRANI # 795366 ARRIVE ON LOCATION 1/23/2026
ARAMCO MR SALEM ALKORI #8698053 ARRIVE ON LOCATION 1/25/2026
==========
LTI DAYS: 455
HOC: 10
SWA: 3
NM: 0
INJURY: 0
INSPECTION: 10
DRILLS: 0
INDUCTION: 3
WORK PERMIT: 12
PJSM: 12
JSA: 12
========== DIRECTIONS==========
1- TAKE SALWA ROAD TOWARDS HZEM. AT THE SIGN SHOWING 80 KM TO SALWA TRAVEL ANOTHER 7.3KM AND TURN RIGHT AT HWU-6 SIGNS FROM HZEM BRIDGE
2- TRAVEL ON BLACKTOP FOR +/- 30 KM AND TURN RIGHT ONTO SKID ROAD AT HWU-6 SIGN
3- DRIVE ON SKID ROAD FOR 10 KM.
4- HWU-6 LOCATION WILL BE ON YOUR LEFT SIDE.
==========WELL SEQUENCE==========
- COMPLETED WELLS: 0
- CURRENT WELLS: HZEM-181404
- NEXT WELLS: HZEM-181414, HZEM-181402, HZEM-181412.
==========HWU HSE==========
HWU-6
** GAP ANALYSIS (OCT 25)**
SCORE 90,60 %
** IN HOUSE AUDIT (NOV 25)**
P1 (0 OPEN) (2 CLOSED) , P2 (4 OPEN) (17 CLOSED), P3 (1 OPEN) (3 CLOSED)

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LIMITED MORNING REPORT

HZEM-181404 WORKOVER-1 BI-1514

01/09/2026 - 01/31/2026

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WCEI (JUN 25)
P1 (0 OPEN) (0 CLOSED) P2 (4 OPEN) (4 CLOSED), P4 (OPEN 1) (1 CLOSED)
** RHSEI (JUN25)**
P1 (3 OPEN) (3 CLOSED) , P2 (27 OPEN) (27 CLOSE) , P3 (7 OPEN) (7 CLOSED)

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	18,622	90.27	347.51	0	10,807	2435.37	-421.59	8,108.9	0.16

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	403	CURRENT OPERATION & SWA.

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	RIG	ARM	ARM	SAP	HTS
Category	CTRG	RIG	MED	OTHR	WSC	DHPMP	WTSE
No. of Persons	13	54	2	4	2	2	12
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	12

Total
89

TRUCKS/BOATS

Standby/Tankers
I793

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-181604 WORKOVER-1 BI-1514

01/18/2026 - 02/05/2026

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HWU-7 @ HZEM-181604 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig HWU-7 Well HZEM-181604 Wellbores: (0) HZEM_181604_0	Charge #: (83-25541-7909) Wellbores: (0) HZEM_181604_0	Objective : ($ | UR: MILLING PLUGS/TUBING INSTALLATION)	Foreman(s) HAUGHIAN, BRADLEY DOUGLAS / JR, CURTIS DOYLE Engineer RUMAIH, JEHAD FAWZI Manager ASIRI, WAEL ABDUALLAH THURAYA 8821677712 861 / RIG FORMAN VSAT 0133788215 / CONTRACTOR /CLERK VSAT 0133788216

Last 24 hr operations	Next 24 hr plan
SIH W/ 2.875" WORK STRING & WOS MILLING BHA, BREAKING CIRCULATION EVERY 20 JTS.	CONTINUE TO TIH W/ 2.875" WORK STRING & WOS MILLING BHA, BREAKING CIRCULATION EVERY 20 JTS.

Location	Next Location
HZEM-181604	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
21,700							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
21700	2.3 (01/25/2026@2100)		0	166	165

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 1000	5	0	EOW	C	MILL	TI	SPDP	RIG	18502	18502	153	1243	RI	965520	SIH W/ MILLING ASSY FROM JT #5 TO JT #40, FILLING STRING AND BREAKING CIRCULATION EVERY 20 JTS. - GREASE EQUALIZE AND BLEED OFF VALVES AT REGULAR INTERVALS AS REQUIRED. INTIAL SNUB FORCE: 33K INTIAL SIH WHP: 4,900 ***BREAK CIRCULATION PARAMETERS*** JT#20: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 10 BBL @ 3 BPM @ 5700 PSI, WHP 5500 PSI, 27K SNUB FORCE AFTER FILL UP. JT#40: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 5800 PSI, WHP 5300 PSI, 24K SNUB FORCE AFTER FILL UP.
1000 - 0459	19	0	EOW	C	MILL	TI	SPDP	RIG	18502	18502	1243	8124			SIH W/ MILLING ASSY FROM JT #41 TO JT #299, FILLING STRING AND BREAKING CIRCULATION EVERY 20 JTS. - GREASE EQUALIZE AND BLEED OFF VALVES AT REGULAR INTERVALS AS REQUIRED. ***BREAK CIRCULATION PARAMETERS*** - JT #60: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 5,900 PSI, WHP 5,300 PSI, 23K SNUB FORCE AFTER FILL UP. - JT #80: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 5,900 PSI, WHP 5,300 PSI, 20K SNUB FORCE AFTER FILL UP. - JT#100: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,100 PSI, WHP 5,500 PSI, 15K SNUB FORCE AFTER FILL UP. - JT#120: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,200 PSI, WHP 5,500 PSI, 12K SNUB FORCE AFTER FILL UP. - JT#140: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,400 PSI, WHP 5,600 PSI, 10K SNUB FORCE AFTER FILL UP. - JT#160: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,500 PSI, WHP 5,700 PSI, 8K SNUB FORCE AFTER FILL UP. - JT#180: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,600 PSI, WHP 5,750 PSI, 6K SNUB FORCE AFTER FILL UP. - JT#200: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,700 PSI, WHP 5,800 PSI, P/U 18K S/O 6K AFTER FILL UP. - JT#220: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 8 BBL @ 3 BPM @ 6,900 PSI, WHP 6,000 PSI, P/U 23K S/O 10K AFTER FILL UP. - JT#240: FILL WORKSTRING/PUMP THROUGH MILLING ASSY 10 BBL @ 3 BPM @ 7,100 PSI, WHP 6,100 PSI, P/U 24K S/O 14K AFTER FILL UP. - JT#260: (8,124') BREAK CIRCULATION. **ONGOING @ REPORT TIME**

LIMITED MORNING REPORT

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HZEM-181604 WORKOVER-1 BI-1514

01/18/2026 - 02/05/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 0500	5	10	965520		RI	FOT	CSYS	RIG	1243	PULLING OUT TO INSPECT MILLING BHA AFTER PUMP PRESSURE INCREASE TO MAX VALUE FOR MOTOR

Workover Objectives

Foreman Remarks

MILLOUT FRAC PLUGS, TBG INSTALL: 7K LATERAL, 44 PLUGS, 10.7# & 7.9# WORKSTRING.
========== JOURNEY MANAGEMENT ==========
CALL HWU-7 RIG 013 378 8215 OR LEAD FOREMEN PRIOR TO TRAVELING TO HZEM-1816 WELL PAD. LOCATION IS 165 KM. FROM DMG. PROVIDE THE FOLLOWING INFORMATION: NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT ALLOWED WITHOUT PROPER APPROVED JOURNEY MANAGEMENT, STAY TO THE RIGHT SIDE OF SKID ROAD ON ALL HILLS.

========== DIRECTIONS==========
DIRECTIONS:
1. DRIVE 66 KM F/DMG.
2. FROM HOFUF DRIVE 68 KM ON SALWA RD, TURN RIGHT FOR 33 KM ON BLACK TOP.
3. TURN LEFT FOR 10 KM SKID ROAD FOLLOWING HWU-7 RIG SIGNS TO THE RIG.
4. LATITUDE: 24.754838, LONGITUDE: 50.3621096
==========
DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): DAILY: 6,112 LT/TOT (MONTH): 163,161 LTS.
==========
**ARAMCO ME SATHIK BATCHA #8544198 ON LOCATION 09/21/2025.
**ARAMCO ME YOUSEF ALDHNEM #8542369 ON LOCATION 01/17/2026.
==========
CREW LTI FREE DAYS - 2432
DRILLS - 0
NM- 0
STOP WORK AUTHORITY - 4
OBSERVATIONS - 10
JSA - 13
PTW - 13
==========
HWU-7
** GAP ANALYSIS (OCT 25)**
SCORE 81%
(64 OPEN)

** IN HOUSE AUDIT (NOV 25)**
P1 (0), P2 (5 OPEN) (31 CLOSED) , P3 (1 OPEN) (0 CLOSED)

WCEI (APR 25)
P1 (0 OPEN) (2 CLOSED) , P2 (0 OPEN) (8 CLOSED)

** RHSEI (APR25)**
P1 (0 OPEN) (7 CLOSE) , P2 (0 OPEN) (25 CLOSED) , P3 (0 OPEN) (6 CLOSED)

==========
** WELLS SEQUENCE ** HZEM-181604,14,02,12.
CURRENT WELL: HZEM-181604
COMPLETED WELLS: NONE

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	18,502	90.1	347	0	10,786	2437.53	-429.02	8,120.08	0.55

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	3	N/A	N/A	N/A	241	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	ARM	ARM	NWT
Category	CTRG	RIG	OTHR	WSC	WTSE
No. of Persons	13	60	2	2	10
Personnel on Loc. Hrs.	24	24	24	24	24
Operating Hours.	0	12	12	12	12

Total
87

TRUCKS/BOATS

Standby/Tankers
B860

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX

LIMITED MORNING REPORT

HZEM-181604 WORKOVER-1 BI-1514

01/18/2026 - 02/05/2026

	N/A	N/A	N/A	N/A	N/A	N/A
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

Username: YUAYANAL
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UTMN-3565 DEVELOPMENT DRILLING BI-60

01/25/2026 - 03/01/2026

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JACK-202 @ UTMN-3565 Limited Morning Report for 01/28/2026

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THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 3737	0133786378	0133786376

Last 24 hr operations
RIG DOWN ON WELL ANDR-978, RIG MOVE TO WELL UTMN-3565, WAIT ON DAYLIGHT.

Next 24 hr plan
RIG DOWN ON WELL ANDR-978, RIG MOVE TO WELL UTMN-3565, WAIT ON DAYLIGHT.

Location
UTMN-3565

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	159	159

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0	PRE	N	RM	RD	NA	RIG	0	0			HELD SAFETY MEETING WITH ALL INVOLVED PERSONNEL. - RIG DOWN ON ANDR-978: ---- 70% - RIG MOVE TO UTMN-3565: ------ 15% - RIG UP ON UTMN-3565: ------- 0% ** AL MUTLAQ COMPNAY ON LOCATION FOR BHA INSPECTION.....IN PROGRESS ** SENT HANDLING TOOLS TO HAJJAN YARD FOR CAT-4.....IN PROGRESS. ** SENT HIGH PRESSURE LINES TO HAJJAN YARD FOR INSPECTION.....IN PROGRESS.
1700 - 0459	12	0	PRE	N	RM	OTH	NA	RIG	0	0			WAIT ON DAYLIGHT.

Foreman Remarks

THE FOLLOWING IS THE RECOMMENDED DRILLING PROGRAM FOR UTMN-3565, WHICH WILL BE DRILLED AS WATER-WATER SUPPLY IN UTMN. THE WELL IS LOCATED 0.588 KM S17E OF UTMN-1990 AND 0.758 KM S89E OF UTMN-278. THE WELL SHOULD BE COMPLETED WITH +/- 810 FT OF 7" SCREEN SPACED ACROSS THE BEST WASI AQUIFER SAND, UTMN-3565 WILL BE USED AS DRILLING WATER SUPPLY WELL FOR REPLACEMENT OF UTMN-868, TO SUPPORT GAS DEVELOPMENT WELL UTMN-1878.

CASING DESIGN;
- 30" CSG (34" HOLE SECTION) @ 128' RKB.
- 24" CSG (28" HOLE SECTION) @ 653' RKB (10 FT IN DMM).
- 18-5/8" CSG (22" HOLE SECTION) @ 963' RKB (20 FT INTO UMER).
- 13-3/8" CSG (17" HOLE SECTION) @ 1828' RKB (20 FT IN ARUMA).
- 9-5/8" CSG LINER (12-1/4" HOLE SECTION) @ 2918' RKB. (25 FT INTO SFNY)
- 7" SCREENS (8-1/2" HOLE SECTION) AT 3728' RKB.

* ALL DEPTHS ARE REFERENCED TO RIG FLOOR 28 FT (RKB).
=========
HELD DAILY SAFETY MEETING WITH RIG CREW:
TOPICS:
- HSE ALERT - 09-26 - TRUCK ROLLOVER.
- HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
- HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED.
- DISCUSS SAFETY WORKING PROCEDURES WHILE LIFTING OPERATIONS.
- DISCUSS SAFETY WORKING PRACTICES WHILE RIGGING DOWN SUB-BASE.
- DISCUSS SAFETY PREPARATIONS FOR TANDEM LIFT OPERATIONS.
- ADVICE TO PARTICIPATE IN A STOP CARD OBSERVATION PROGRAM.
- REITERATED SWA POLICY AND ENCOURAGED CREW TO EXERCISE THEIR AUTHORITY IN THE EVENT OF UNSAFE ACTS OR CONDITIONS WITHOUT HESITATION.

NEAR MISS: 0
DRILLS: NIL
SAFETY ALERTS: 3
OTHER: NIL
====
NEAREST HOSPITAL:
- ABQAIQ GENERAL HOSPITAL ABQAIQ
- ARAMCO CLINIC ABQAIQ
- ARAMCO CLINIC UDHAILIYAH
- KING FAHAD HOSPITAL HOFUF
- AL MANA HOSPITAL HOFUF
- AL MOOSA HOSPITAL HOFUF
====
ARAMCO:
- ADMIN CLERK MOHAMMAD USMAN BHATTI (8614592) ON LOCATION SINCE 09/24/2025.
- ARAMCO FOREMAN MAGDY ALY ID# 8074227 ON LOCATION SINCE 01/07/2026.
====
RENTAL TOOLS:

LIMITED MORNING REPORT

UTMN-3565 DEVELOPMENT DRILLING BI-60

01/25/2026 - 03/01/2026

====
SERVICE COMPANY:
- SINOPEC H2S TECHNICIAN ARRIVED ON LOCATION ON 12/05/2025 @ 09:30 HRS.
- OES MUD ENGINEER ARRIVED ON LOCATION ON 12/09/2025 @ 17:00 HRS.
- SINOPEC H2S TECHNICIAN ARRIVED ON LOCATION UTMN-3565 ON 01/25/2026 @ 09:00 HRS.
====
RIG MANAGEMENT VISIT:
- HAJJAN PROCUREMENT MANAGER ANISH VARGHESE VISITED RIG LOCATION.
====
- HAJJAN TANKERS, HEAVY EQUIPMENT & VEHICLES ON LOCATION:
* 1 SWEET WATER TANKERS.
* 1 HAJJAN 4X4 AMBULANCE CAR.
* 2 HAJJAN PICK-UP CAR.
* 1 HAJJAN BUS.
* 1 RAW WATER TANKERS.
====
GECAT VACUUM TANKER:
* DRSS NO: 3000373786
- PLATE NO. 1794 VTB DAILY = 1 TRIP. TOTAL = 18 TRIPS
- PLATE NO. 1661 UTA DAILY = 1 TRIP. TOTAL = 18 TRIPS
- PLATE NO. 6485 TTA DAILY = 1 TRIP. TOTAL = 18 TRIPS
- PLATE NO. 4816 LEA DAILY = 1 TRIP. TOTAL = 18 TRIPS
* DRSS NO: 3000376860
- PLATE NO. 1667 RRA DAILY = 1 TRIP. TOTAL = 9 TRIPS
- PLATE NO. 3700 GSA DAILY = 0 TRIP. TOTAL = 2 TRIPS
- PLATE NO. 8713 HSA DAILY = 0 TRIP. TOTAL = 8 TRIPS
- PLATE NO. 8529 HSA DAILY = 1 TRIP. TOTAL = 9 TRIPS
- PLATE NO. 8695 ZRA DAILY = 1 TRIP. TOTAL = 4 TRIPS
====
WATER CONSUMPTION:
WATER SOURCE:; STRAIGHT DISTANCE: KM; TOTAL DISTANCE: KM
DAILY NUMBER OF TRIPS = 0 TRIPS, TOTAL = 0 TRIPS.
DAILY KM = 0 KM, TOTAL = 0 KM.
DAILY VOLUME = 0 M3; TOTAL VOLUME = 0 M3.
====
WASTE MANAGEMENT KPI:
- REUSED WATER: DAILY = 0 M3 / TOTAL = 0 M3
- CUTTINGS WASTE: DAILY = 0 M3 / TOTAL = 0 M3
- DUMPING WATER = 0 M3 / TOTAL = 0 M3
===
DIESEL:
- DAILY CAMP CONSUMPTION = 5 BBLS
- DAILY CAMP + DAILY RIG CONSUMPTION = 5 BBLS
- TOTAL DIESEL CONSUMPTION IN RIG AND CAMP = 15 BBLS
- DAILY RIG CONSUMPTION = 0 BBLS; TOTAL VOLUME = 0 BBLS
- RIG DIESEL IN STOCK = 97 BBLS

BARITE B.B - 32 BENTONITE B.B - 45 CEMENT - 800 SX

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NO	NO	GOOD	2,512	DAILY SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	OES	SNS	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	WSC
No. of Persons	11	52	1	2	9	1	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	12

Total 80

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
E-975	1 HAJJAN 4X4 AMBULANCE (	2 HAJJAN PICK-UP CAR	1 HAJJAN BUS	8 SWEET WATER TANKERS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	97	32	45	800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ANDR-983 DEVELOPMENT DRILLING BI-58

11/20/2025 - 02/10/2026

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JACK-203 @ ANDR-983 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
JACK-203	(58-25056-0983)	(WATER SUPPLU)	MUTAIRI, DHAIFALLAH KHULAIF / ALDOSSARI, FAISAL ABDULLAH ALHELAL, MOHAMMED ALI HABKRI, MOUSSA IBRAHIM

Well: ANDR-983
Wellbores: (0) ANDR_983_0
Wellbores: (0) ANDR_983_0

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 3735	0135788566	0135788567

Last 24 hr operations	Next 24 hr plan
COC, DISPLACED HOLE, DRLG 8-1/2" HOLE SECTION.	DRLG 8-1/2" HOLE SECTION TO TD AT 5228 FT.

Location	Next Location
ANDR-983	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,850	13 3/8	2258	2258	9 5/8	2,063	4,513	4,513

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4525	40.5 (12/18/2025@1700)	100	325	149	149

Formation Tops

Formations	Top Depth	Comments
PNGU	271	66 FT DEEPER
KHBR	360	
RUS	620	75 FT DEEPER
UMER	930	105 FT DEEPER
ARUM	2,230	65 FT DEEPER
LAMS	3,100	75 FT DEEPER
PAMU	3,650	
RUML	3,910	
AHMD	4,060	45 FT DEEPER
WARA	4,140	
MDDD	4,260	
SFNY	4,410	15 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	4525	4525			HPJSM, PUMP 50 BBLS HI-VIS, CHC & PRESSURE TEST 9-5/8 CSG TO 500 PSI FOR 10 MIN-OK.
0600 - 0730	1.5	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	4525	4525			DISPLACED HOLE TO 72 PCF NACL NON-DAMAGING POLYMER MUD.
0730 - 0830	1	0	12 1/4	N	DRLG	DC	KELLY	RIG	4525	4525	4503	4525	COC, FLOAT SHOE & RAT HOLE TO 4525' RKB.
0830 - 0459	20.5	0	8 1/2	N	DRLG	D	KELLY	RIG	4525	4850			ROTARY DRILL 8-1/2" HOLE WITH 72 PCF NACL NON-DAMAGING POLYMER MUD. 100% CIRC. RETURN. * WASH & REAM EVERY JOINT DRILLED TWO TIMES. * SWEEP HOLE W/25 BBLS TWO TIMES EACH JOINT. * CONTROL PARAMETERS TILL REAMERS OUT OF CASING.

Foreman Remarks

ANDR-983 WILL BE USED AS DRILLING WATER SUPPLY WELL SUPPORTING FACILITY BOOSTER GAS COMPRESSION STATION (BGCS-1).
THE WELL IS LOCATED 1.022 KM N28E OF ANDR-982 AND 1.129 KM S67E OF ANDR-967.
AQUIFER FORMATION IS: SAFANIYA MEMBER- WASI AQUIFER.
===
- NEXT LOCATION:
* WELL NAME: BARH-803
* REQUEST DATE:
* LOCATION READINESS: NEED TO PREPARE CHEMICAL AREA.
===
NEAREST HOSPITAL FOR EMERGENCY & CONTACT:
*PRINCE SULTAN BIN ABDUL AZIZ HOSPITAL, URAYRAH PH: 013-3280593 DISTANCE: 55 KM.
===
WELL DESIGN:
24" CSG (28" HOLE SECTION) @ 128' RKB, SET AT 120' RKB.
18-5/8" CSG (22" HOLE SECTION) @ 575' RKB, SET AT 650' RKB.
13-3/8" CSG (17" HOLE SECTION) @ 2195' RKB SET AT 2258' RKB.
9-5/8" CSG LINER (12-1/4" HOLE SECTION) @ 4540' RKB SET AT 4513 FT.
7" SCREENS (8-1/2" HOLE SECTION) @ 5228' RKB.
===
- ELEVATION FROM RIG FLOOR TO GROUND LEVEL: 28 FT.
===
RIG LOCATION: DAMMAM-RIYADH HIGHWAY FOR 100 KM, TURN LEFT TO KHURAIS ROAD FOR 40 KM, THEN TURN RIGHT 17 KM, FOLLOW SIGN BOARDS, SKID ROAD 0.5 KM.
===
SAFETY TOPIC:
1. REEL-SAFE 03-26 CATWALK LIFTING POINT FAILURE.
2. HSE ALERT - 07-26 - CATWALK RAMP LIFTING POINT FAILURE.
3. ALWAYS MAINTAIN AWARENESS OF THE SURROUNDINGS AND CONFIRM THAT ALL HAZARDS ARE IDENTIFIED AND CONTROLLED.
4. UNDERSTAND LINES OF FIRE AND FOLLOW PRECAUTIONS ASSOCIATED WITH HAZARDOUS OBJECTS, EQUIPMENT, SUBSTANCES, AND OTHER CONDITIONS.
5. STOP WORK IMMEDIATELY IF CONDITIONS CHANGE OR A WORKER IS IN AN UNSAFE LOCATION AND NOTIFY THE SUPERVISOR.
6. DISCUSSED OPERATION, RELATED HAZARDS AND CONTROL MEASURES AT THE RIG FLOOR, EVERY 5 MINUTES IN AN HOUR.
7. ADVISED TO PARTICIPATE IN THE STOP CARD OBSERVATION PROGRAM. (DISCUSSED 4 WRITTEN STOP CARDS).
STOP CARDS-06
DRILL: PIT DRILL-02, BOP DRILL-02

LIMITED MORNING REPORT

ANDR-983 DEVELOPMENT DRILLING BI-58

11/20/2025 - 02/10/2026

===
ARAMCO:
- TEHRIR HASMULLAH ANSARI #8643514 ARAMCO CLERK ON LOCATION SINCE 09/07/2025.
- JEREMY C MAULEON #8327694 HSE ADVISOR ON LOCATION SINCE 01/26/2026.
===
CONTRACTOR MANAGMENT VISIT:
===
RENTAL TOOLS ON LOCATION:
OILSERV 6-3/4" HM-JAR SERIAL NO. HMJ-675-0009 ON LOCATION ON 01/17/2026 @14:00.
*1ST RUN P/U ON 01/26/26 @03:00.
===
SERVICE COMPANY:
*OES MUD ENGINEER ON LOCATION ON 06/21/2025.
*GEOLOG MUD LOGGING UNIT AND CREW ON LOCATION ON 12/16/2025 AT 13:00.
===
CONDUCTED A DAILY COMMUNICATION CHECK WITH DHAHRAN DRILLING ECC BY PHONE@17:00.
===
HAJJAN TANKERS, HEAVY EQUIPMENT & VEHICLES ON LOCATION:
- 1 SWEET WATER TANKER.
- 7 RAW WATER TANKER.
- 1 HAJJAN 4X4 AMBULANCE CAR.
- 1 HAJJAN BUS.
- 2 HAJJAN PICK-UP CARS.
- 1 CRANES.
- 1 FORKLIFT.
===
WASTE MANAGEMENT KPI:
- DRILLING WASTE CUTTINGS: DAILY= 1.28 M3 / TOTAL= 168.38 M3
- DRILLING WASTE FLUIDS: DAILY= 54 M3/ TOTAL = 762 M3
- REUSED WATER: DAILY= 10 M3 / TOTAL= 86 M3
===
THE WATER SOURCE: ANDR-834 STRAIGHT DISTANCE: 30.7 KM ROUND TRIP: 61.4 KM
- DAILY: NUMBER OF TRIPS: 0 TRIPS, TOTAL= 0 TRIPS
- DAILY KM= 0 KM, TOTAL= 0 KM
- DAILY VOLUME= 0 M3, TOTAL= 0 M3
===
WATER WELL: ANDR-981 WATER LINE IS CONNECTED AND READY TO USE (DISTANCE 3 KM)
- FLOWMETER SERIAL NUMBER - A24028901.
- PREVIOUS READING= 1347771-GAL, CURRENT READING= 1347771-GAL
- DAILY CONSUMPTION= 0-GAL
========
VACUUM TANKERS ON ANDR-983 UNDER DRSS # 3000380426.
- 2 VACUUM TANKERS ARRIVED ON LOCATION ON 01/26/2026 AT 10:00.
- TRUCK # 3694 GSA : DAILY TRIPS= 1, TOTAL TRIPS= 2
- TRUCK # 6264 DSA : DAILY TRIPS= 1, TOTAL TRIPS= 2
- TRUCK # 3676 GSA : DAILY TRIPS= 1, TOTAL TRIPS= 1
TOTAL TRIPS: 5

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	4.2API	0	0 Volts	0	9.5	128,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	24	0	8 / 11	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
59	0	11	8	7 / 9	0	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	0	4.2API	0	0 Volts	0	9.5	128,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	22	0	8 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	11	8	7 / 9	0	280	0

MUD TREATMENT

CAUST	SODASH	NACL	MRBL-F	FLO-TROL	XC	MAX-GUARD
7 (55LB)	5 (55LB)	23 (2200L)	5 (2200L)	41 (55LB)	16 (50LB)	1 (55GL)
BICB						
6 (55LB)						

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
6RR	4,525	4,850	DP Av	DC Av	Bit HHP	10	50	M222	8.5	SMT
Pressure	**GPM**	**Jet Vel**	259.37	408.5	60	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
660	500	155				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SM1658	XS616C	6 x 15 /	1.035							
Gauge	**Other**	**POOH Reas**								
N/A										

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LIMITED MORNING REPORT

ANDR-983 DEVELOPMENT DRILLING BI-58

11/20/2025 - 02/10/2026

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DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	120	120	120	N/A		2

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
9	Drillpipe	RIG	5	150	5	4.276	4,654	5,228.57	NC50	NC50	19.5	136,145.999	XD105	PREM	
8	Heavy Weight Drillpipe (HWDP)	RIG	5	6	5	3	180.4	574.57	NC50	NC50	44.99	45,392.999		CONV	
7	Drillcollar	RIG	6.5	2	6.5	2.25	60.12	394.17	NC50	NC50	96.3	37,276.803		SPRL	
6	Hydraulic Jar	OJR	6.75	1	6.75	2.75	17.06	334.05			96	31,487.247			HMJ-675-0009
5	Drillcollar	RIG	6.5	9	6.5	2.25	271.2	316.99	NC50	NC50	96.3	29,849.487		SPRL	
4	String Reamer	RIG	8.5	1	8.5	1.75	7.17	45.79	NC50	NC50	96.3	3,732.927			926
3	Drillcollar	RIG	6.5	1	6.5	2.25	30.3	38.62	NC50	NC50	96.3	3,042.456		SPRL	1703910
2	Near Bit Roller Reamer	RIG	8.5	1	6.5	2.813	7.5	8.32	NC50	4 1/2 REG	6.08	124.566		3 POINT	1308714
1	Bit	SMT	8.5	1	8.5		0.82	0.82	4 1/2 REG		96.3	78.966			SM1658

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	N/A	NORMAL	NA	COLD	1,761	PRE TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	OES	RO1	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	MLS	OTHR	OTHR	WSC
No. of Persons	11	51	1	2	13	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	12

Total
82

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
H648	AMBULANCE	1 BUS	1 SWEET WATER TRUCK	8 RAW WATER TANKER.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	94	14	39	2300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
OK		

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LIMITED MORNING REPORT

Username: YUAYANAL
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MRJN-2038 DEVELOPMENT DRILLING BI-60

01/11/2024 - 06/05/2026

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KINGDOM-1 @ MRJN-2038 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: KINGDOM-1
Well: MRJN-2038
Wellbores: (0) MRJN_2038_0

Charge #: (66-23073-2038)
Wellbores: (0) MRJN_2038_0

Objective : (DUAL LATERAL POWER WATER INJECTOR TARGETING RTWI RESERVOIR)

Foreman(s): ALHUDAIB, KHALID MOHAMMED / ELSERAFY, HATEM ABDELAAL / ALZYADI, RAEED ABDULLAH / ALRUWAILI, FARIS RAFI
Engineer: ALQAHTANI, ABDULAZIZ AWAD / ALDOWAIS, RAKAN TRAD
Manager: YAMI, NASSER SALEM

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
+882167771 4214	0136739315	0136739319
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
0136739318	0135106360	

Last 24 hr operations
RELOG AS PER GOC. RESUME DRLG 8-1/2" HS WITH CONTROLLED PARAMETERS. OBSERVED COMPLETE LOSSES AT 13,713'. CONT DRILL 8-1/2" HS WITH LOSSES.

Next 24 hr plan
CONT DRILL 8-1/2" HS WITH LOSSES USING SEA WATER & GEL SWEEPS, PUMP MUD CAP FRO ANNULUS.

Location: MRJN-2030/2039 PLATFORM
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,440	9 5/8	10880	8233				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13440	50.7 (01/11/2026@0700)	0	510	245	

Formation Tops

Formations	Top Depth	Comments
UR01	11,204	8,300' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	8 1/2	N	DRLG	LOG	LWD	BHI	13440	13440	13372	13440	RE-LOG AS PER GOC. - OBSERVE 104 BPH DYNAMIC LOSSES.
0545 - 0800	2.25	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	13440	13440			PUMP SWEEP AND CIRCULATE HOLE CLEAN, CONDITION MUD TO 72 PCF AND RECORD LOSSES RATE AS PER BELOW: - 90 BPH LOSSES AT 300 GPM. - 144 BPH LOSSES AT 400 GPM. - 150 BPH LOSSES AT 500 GPM.
0800 - 1730	9.5	0	8 1/2	N	DRLG	DMR	MRSS	BHI	13440	13713			DRILL WITH CONTROLLED PARAMETERS 8-1/2" HOLE WITH BHI MRSS MWD/LWD BHA - 135 BPH DYNAMIC LOSSES AT 500 GPM. - REAM UP / DOWN EACH STAND. - PUMP 30 BBLS TANDEM PILL EVERY 1-2 STD DRILLED.
1730 - 1815	0.75	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	13713	13713			OBSERVED COMPLETE LOSSES WHILE DRILLING AT 13,713', P/U OFF BOTTOM, NO RETURN AND LEVEL NOT SEEN. PUMP 200 BBLS MUD CAP FROM BACK SIDE.
1815 - 0459	10.75	0	8 1/2	N	DRLG	DMR	MRSS	BHI	13713	13950			DRILL 8-1/2" HOLE SECTION WITH BHI MRSS MWD/LWD BHA WITH SEA WATER AND GEL SWEEPS. - PUMP 2 BPM MUD CAP FROM BACKSIDE.

Foreman Remarks

==========KINGDOM-1 DATA==========
- MRJN-2038 WILL BE DRILLED AS A DUAL LATERAL WATER INJECTION WELL TARGETING RTWI RESERVOIR FROM MRJN-2030/2039 PLATFORM WHICH IS LOCATED WEST OF MARJAN MAIN DOME
- WATER DEPTH: 144'; RKB TO MSL (ELEVATION): 112' ; RKB TO ML: 256'; AIR GAP: 46 FT
- FINAL POSITION: LAT - 28DEG 27.89' N ; LONG - 049DEG 34.58' E; RIG HEADING: 329 DEG
- LEGS PENETRATION: BOW 14.4 FT - PORT 13.9 FT - STBD 13.9 FT
==========PLATFORM MRJN-2030/2039 PWI PF==========
8 X WELLS (4 X SL + 4 X DL) | 2 X PH REQUIRED
MRJN-2032 SL/ PWI / SFNY (W/PILOT HOLE)
MRJN-2033 SL / PWI / SFNY
MRJN-2035 SL/ PWI / SFNY
MRJN-2036 SL/ PWI / SFNY (W/PILOT HOLE)
MRJN-2037 DL / PWI / RTWI
MRJN-2039 DL / PWI / RTWI
MRJN-2038 DL / PWI / RTWI
MRJN-2034 DL/ PWI / RTWI
==========BATCH DRILLING AND OPERATIONS SEQUENCE==========
BATCH 22" SECTION: 2033 (DONE), 2035 (DONE), 2037 (DONE), 2039 (DONE), 2038 (DONE), 2036 (DONE), 2034 (DONE), 2032(DONE)
PILOT HOLE 16" SECTION: 2032 (DONE), 2036 (DONE)
PILOT HOLE 12-1/4"SECTION: 2036 (DONE), 2032 (DONE)
PILOT HOLE 8-1/2" SECTION: 2032 (DONE), 2036 (DONE)
BATCH 16" SECTION: 2034 (DONE), 2033(DONE), 2035(DONE), 2037(DONE), 2038(DONE), 2039(DONE)
BATCH 12-1/4" SECTION: 2039(DONE), 2038(DONE), 2034(DONE), 2037(DONE), 2035(DONE), 2033(DONE)
8-1/2" & 6-1/8" SECTIONS TO COMPLETION: 2033 (DONE) ,2035 (DONE), 2032(DONE), 2036 (DONE), 2037 (DONE), 2039 (DONE), 2038 (ONGOING), 2034
==========CURRENT WELL CASING POINTS PLANNED==========
CURRENT WELL: MRJN-2038
PLANNED VS ACTUAL CASING POINTS (L-0):
LO 18-5/8": 2,690' MD (50'TVD INTO RUS), ACTUAL 2,689' MD
LO 13-3/8": 6,041' MD (50'ABOVE LHHR), ACTUAL 6,039' MD
LO 9-5/8" : 10,552' MD (YAMM), ACTUAL 10,887' MD
LO 8-1/2" : 15,629' MD (RATAWI RESERVOIR)
LO 6-1/8" : 20,948' MD (RATAWI RESERVOIR)

LIMITED MORNING REPORT

MRJN-2038 DEVELOPMENT DRILLING BI-60

01/11/2024 - 06/05/2026

L1 6-1/8" : 18,956' MD (RATAWI RESERVOIR)
==========SAFETY==========
- HOLD TOURLY SAFETY MEETING AS PER ARO AND SAUDI ARAMCO
- DAILY ARAMCO RADIO CHECK WITH ECC AT 20:00 HRS
- TEST CALL MADE TO DAHRAN DRILLING ECC VIA THURAYA SAT PHONE EVERY SUNDAY
- PERFORM WEEKLY FIRE, H2S, & ABANDON DRILL ON 25-JAN-26
- PERFORM BASIC HELI-DECK CRASH RESCUE DRILL ON 05-APR-025
- RUN E-GEN FOR 2 HRS ON 25-JAN-026
- PERFORM MOB & CONFINED SPACE RESCUE DRILL ON 22-SEP-025
- CARRIED OUT CASUALTY EVACUATION/RESCUE FROM DRILL FLOOR ON 19-AUG-025
- PERFORMED MAN DOWN RESCUE DRILL ON 13-DEC-025
==========PERSONNEL==========
- ARAMCO HSE ABDULMAJEED A BIN OTHMAN #764248 ARRIVED ON 20-JAN-026
- ARAMCO MATERIAL EXP. SAUD M ALQAHTANI #8489583 ARRIVED ON 26-JAN-026
- ARAMCO PDP OMAR ALMADANI #817317 ARRIVED ON 27-JAN-026
==========RENTAL TOOLS==========
- 1 X 6-1/2" NAPESCO JAR + 1 X 6-1/2" NOV JAR
- 2 X 6-1/2" WFD PBL
- 2 X SETS OF 8-/2" BHI DIRC TOOLS
== ==========ARO RIG MANAGER VISIT ==========
- RIG MANAGER MICHAEL WARBURTON #8750963 LEFT RIG ON 27-JAN-026
==========
- WAIT ON WEATHER: TODAY 0 HRS / CUMULATIVE 09 HRS; - WAIT ON MARINE: TODAY 0 HRS / CUMULATIVE 0 HRS
- WAIT ON TOOL HOUSE: TODAY 0 HRS / CUMULATIVE 0 HRS; - WAIT ON PRODUCING: TODAY 0 HRS / CUMULATIVE 0 HRS
==========
- LC-50 SAMPLE FOR WBM SENT ON 6-12-023 MANIFEST # 2400655623
- LC-50 SAMPLE FOR OBM SENT ON 5-28-024 MANIFEST # 2400687646
- LC-50 SAMPLE FOR LCM SENT ON 11-06-025 MANIFEST # 2400782546
- LAST CAVITY INSPECTION 23-9-025

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	13,473	88.36	24.9		8,365	2183.82	1013.82	7,899.18	0.99
0	13,572	88.02	25	99	8,368	2211.16	1026.54	7,998.13	0.36
0	13,645	87.96	24.88	73	8,370	2231.32	1035.92	8,071.09	0.18
0	13,750	88.39	25.32	105	8,374	2260.29	1049.48	8,176.03	0.59
0	13,854	88.02	25.02	104	8,377	2288.97	1062.96	8,279.98	0.45

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	2	4.2API	0	0 Volts	1.58	9.61	22,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	14HTHP	83	34	0	12 / 16	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
95	1	38	17	11 / 12	0	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	2	4API	0	0 Volts	4.13	9.65	22,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	14.4HTHP	91	24	0	9 / 12	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	1	16	9	8 / 9	0	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	2	3.6API	0	0 Volts	4.95	9.67	25,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	14HTHP	91	23	0	9 / 12	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	1	16	9	8 / 9	0	280	0

MUD TREATMENT

BACT	CAUST	DFOMX	H2S-SCAV-L	OXYGON	PACLV	SODASH
24 (5GL)	24 (50LBP)	2 (55GL)	8 (55GL)	8 (5GL)	60 (50LB)	12 (100LB)
HYSTAR-P	**XC**					
60 (50LB)	50 (50LB)					

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
21	Drillpipe	RIG	5.5	1	5.5	4.67	0	453.06	VX54	VX54	24.7	31,448.843	S135	PREM	ON FILE
20	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.875	184.75	453.06	VX54	VX54	46.09	31,448.843		CONV	ON FILE
19	Hydro-Mechanical Jar	NPC	6.5	1	6.5		32.26	268.31			52	22,933.715			NAPG5FC-61
18	Heavy Weight Drillpipe (HWDP)	RIG	5.5	2	5.5	3.875	62.17	236.05	VX54	VX54	46.09	21,256.195		CONV	ON FILE
17	Crossover	RIG	6.75	1	6.75	2.75	42	173.88	NC50	VX54	80	18,390.78			22A10118-10-1
16	PBL (Multiple Activation By Pass)	WWB	6.75	1	5	3.125	9.23	131.88	NC50	NC50	88	15,030.78			DTM675SBP1003

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LIMITED MORNING REPORT

MRJN-2038 DEVELOPMENT DRILLING BI-60

01/11/2024 - 06/05/2026

أرامكو السعودية
saudi aramco

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	FIlter Sub	BHI	6.75	1	6.75	3	5.61	122.65	NC50	NC50	87.6	14,218.54			14845348
14	Float Sub	BHI	6.75	1	6.625	2.813	3.47	117.04	NC50	NC50	200	13,727.104			16679187
13	Modular Stabilizer	BHI	8.375	1	6.5	2.25	5.01	113.57	NC50	NC50	74	13,033.104			SDT12699
12	Stop Sub	BHI	6.75	1	6.75	2.5	1.87	108.56	NC50	T2	72	12,662.364			16373349
11	Modular Stabilizer	BHI	8.25	1	7.063	2.25	5.01	106.69	NC50	NC50	111	12,527.724			14889138
10	Logging While Drilling (LWD)	BHI	6.75	1	6.75		7.98	101.68			122.17	11,971.614			12993776
9	Logging While Drilling (LWD)	BHI	6.75	1	8.25		9.01	93.7	T2	T2	179.4	10,996.698			12896934
8	Measurement While Drilling (MWD)	BHI	6.75	1	6.75		9.82	84.69			93.75	9,380.304			15788981
7	Modular Stabilizer	BHI	6.75	1	6.75	2.5	4.22	74.87	NC50	NC50	111	8,459.678			13297363
6	Logging While Drilling (LWD)	BHI	6.75	1	6.75		16.93	70.65			132.13	7,991.258			13519519
5	Modular Stabilizer	BHI	6.75	1	6.75	2.25	3.67	53.72	6 3/4 T2	6 3/4 T2	120	5,754.298			13828008
4	Mud Motor	BHI	6.75	1	6.75		34.02	50.05			105	5,313.898			15382029
3	Logging While Drilling (LWD)	BHI	6.75	1	6.75		4.28	16.03			137.17	1,741.798			13990992
2	RSS	BHI	8.25	1	8.25		10.99	11.75			105	1,154.71			16141120
1	Bit	REED	8.5	1	8.5		0.76	0.76			1	0.76			S315840

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/12/2026	N/A	N/A	N/A	N/A	797	N/A

PERSONNEL AND SERVICES INFORMATION

Company	WCR	GOS	BHI	SM2	RIG	BDF	RIG	ARM	SJC	MI2	ARM	WWB
Category	CSR	CTRG	DPDS	DPP	RIG	DFMS	OTHR	OTHR	PCS	SCS	WSC	WBCS
No. of Persons	1	13	4	1	48	2	2	3	3	1	4	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	24	24	12	12	24	0	24	24

Total
83

TRUCKS/BOATS

Standby/Tankers
RAWABI-209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1903	1486	1897	6000	N/A	2655

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

MRJN-540 DEVELOPMENT DRILLING BI-60

10/10/2025 - 02/17/2026

أرامكو السعودية
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KINGDOM-2 @ MRJN-540 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: KINGDOM-2
Well: MRJN-540
Wellbores: (0) MRJN_540_0

Charge #: (66-24073-0540)
Wellbores: (0) MRJN_540_0

Objective : (OIL-EVALUATION/OBSERVATION IN MRJN)

Foreman(s): SODHI, TARANDEEP SINGH / AMER, MOHAMED ATEF
Engineer: ALKUWAYKIBI, AHMED SAQER / ALQAHTANI, ABDULAZIZ AWAD
Manager: YAMI, NASSER SALEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12160	0133786590 (FOREMAN)	0133786592 (CLERK-2)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
0135106120 (RADIO RO OM)	0133786592 (CLERK)	

Last 24 hr operations
CONT. WOC, WASH DOWN W/ CEMENT STRING, UNABLE TO TAG CMT PLUG, PUMP & SPOT LCM PILL TO CURE LOSSES, CIRC. & COND. MUD.

Next 24 hr plan
CIRC. & COND. MUD, PERFORM 2ND P&A CEMENT PLUG, POH ABOVE TOC & REVERSE CIRC. FLUSH CEMENT STRING & WOC.

Location: MRJN FIELD - MLS WELL
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,320	9 5/8	7784	7783	7	7,562	8,791	8,791

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9320	82.4 (10/26/2025@1700)	70	0	232	

Formation Tops

Formations	Top Depth	Comments
YAMM	7,765	7765 FT TVD
URTR	7,826	7,825 FT TVD
LRTR	8,090	8,089 FT TVD
MNFR	8,720	8,718 FT TVD
BMFR	8,816	8811 FT TVD
HITH	8,848	8842 FT TVD
ARAB	9,118	9107 FT TVD
BAAR	9,170	9157 FT TVD
PABS	9,236	9220 FT TVD
BPBS	9,246	9230 FT TVD
ABBR	9,257	9240 FT TVD
BABR	9,298	9278 FT TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0500 - 1500	10	0	5 7/8	N	PA	WOC	SQZ	RIG	9320	9320			WOC BASED ON UCA CHART TO CREATE 500 PSI COMPRESSIVE STRENGTH, MEANWHILE L/D EXCESS TUBULARS FROM DERRICK VIA MOUSE HOLE. - MONITOR WELL ON TRIP TANK - WELL STATIC. - BREAK CIRCULATION EVERY 1 HR WHILE WOC.
1500 - 1545	0.75	0	5 7/8	N	PA	ST	STDP	RIG	9320	9320	7350	7800	RIH WITH 3-1/2" NM CEMENT STRINGER ON 5-1/2" DP FROM 7350 TO 7800'.
1545 - 1830	2.75	0	5 7/8	N	PA	CIRC	MPMP	RIG	9320	9320			PRECAUTIONARY WASH DOWN WITH CEMENT STRING FROM 7800' TO 7" LINER SHOE. - AT 8,379 FT, OBSERVED WELL IN LOSSES - DYNAMIC LOSSES RATE - 68 BPH.
1830 - 1915	0.75	0	5 7/8	N	PA	CIRC	MPMP	RIG	9320	9320			FLOW CHECK AT LINER SHOE - STATIC LOSSES RATE 48 BPH, CIRCULATE AT 120 GPM - DYNAMIC LOSSES RATE 70 BPH.
1915 - 2030	1.25	0	5 7/8	N	PA	CIRC	MPMP	RIG	9320	9320			WASH DOWN THRU OPEN HOLE W/ 80 GPM FROM LINER SHOE, NO CMT PLUG TAG OBSERVED (TAGGED AT 9296 FT - 24 FT OFF-BOTTOM).
2030 - 2300	2.5	0	5 7/8	N	PA	CIRC	MPMP	RIG	9320	9320			PUMP & SPOT 100 BBLS OF 300 PPB LCM PILL. - DYNAMIC LOSSES RATE OBSERVED WHILE SPOTTING LCM 72 BPH.
2300 - 0100	2	0	5 7/8	N	PA	ST	STDP	RIG	9320	9320	9200	7200	POOH WITH CEMENT STRING ABOVE THEORITICAL TOP OF LCM PILL & FLUSH STRING WITH 30 BBLS MUD.
0100 - 0200	1	0	5 7/8	N	PA	WO	NA	RIG	9320	9320			WAIT ON LCM PILL SOAKING FOR 1 HRS, MONITOR WELL ON TRIP TANK - STATIC LOSSES RATE 40 BPH.
0200 - 0300	1	0	5 7/8	N	PA	ST	STDP	RIG	9320	9320	7200	8500	RIH BACK WITH 3-1/2" NM CEMENT STRINGER ON 5-1/2" DP FROM 7200' TO 8500'.
0300 - 0430	1.5	0	5 7/8	N	PA	CIRC	MPMP	RIG	9320	9320			WASH DOWN WITH CEMENT STRING FROM 8500' TO 9296'.
0430 - 0459	0.5	0	5 7/8	N	PA	CIRC	MPMP	RIG	9320	9320			CIRCULATE (130 GPM/ 270 PSI) & CONDITION MUD PRIOR TO SPOT 2ND P&A CEMENT PLUG (ONGOING @ RPT). - DYNAMIC LOSSES RATE: 65 BPH.

Foreman Remarks

MRJN-540 WILL BE DRILLED AS AN EVALUATION/OBSERVATION WELL TO EVALUATE AND FURTHER DEVELOP IN MARJAN 29 DOME.
THE WELL WILL BE DRILLED VERTICALLY DOWN TO THE BASE OF ARAB-B RESERVOIR TO ASSESS FLUID CONTACTS AND THEN SUSPENDED.
THE WELL WILL BE COMPLETED LATER AS A MULTI-RESERVOIR OBSERVATION/EVALUATION WELL WHEN THE PLATFORM IS INSTALLED.
==========
VG MLL CASING HANGER DETAILS:
- 24" MLL CSG HGR @ 274 FT.
- 18 5/8" HANGER TOP @ 274 FT.
- 13 3/8" HANGER TOP @ 276 FT.

LIMITED MORNING REPORT

MRJN-540 DEVELOPMENT DRILLING BI-60

10/10/2025 - 02/17/2026

- 9 5/8" HANGER TOP @ 278 FT.
==========
PLANNED VS ACTUAL CASING DESIGN:
- PLANNED 24" CONDUCTOR PIPE AT 491' - ACTUAL AT 509'.
- PLANNED 18-5/8" CSG AT 2,353' (50' TVD INTO RUS) - ACTUAL AT 2,362 FT.
- PLANNED 13-3/8" CSG AT 5,298' (100' MD ABOVE LWWH)- ACTUAL AT 5,280 FT.
- PLANNED 9-5/8" CSG AT 7,814' (30' TVD INTO YAMAMA) - ACTUAL AT 7,784 FT.
- PLANNED 7" LINER AT 8,860' (30' TVD ABOVE HITH) - ACTUAL AT 8800 FT.
- PLANNED 5-7/8'' SECTION TD AT 9,360' (INSIDE ARAB-B RESERVOIR). ACTUAL AT 9,320 FT.
==========CURRENT LOCATION==========
LOCATION: MRJN-540 MLS
LATITUDE: 28 DEG 20.598 N
LONGITUDE: 49 DEG 34.652 E
HEADING = 24 DEG
WATER DEPTH = 147 FT
RKB TO MUD LINE= 253 FT
RKB TO WATER LINE= 106 FT
AIR GAP = 40 FT
FINAL LEG PENETRATION: 13 FT BOW LEG, 7 FT PORT LEG & 7 FT STARBOARD LEG.
==========TEMPORARY WELL SUSPENSION READINESS==========
- 1 X 9-5/8" EZSV BRIDGE PLUG W/ RUNNING TOOL & 3,960 CU.FT OF CEMENT ON THE RIG FOR WELL SUSPENSION.
==========DRILLS / HSE==========
- H2S DRILL: 02-JAN-2025
- ABANDON DRILL 02-JAN-2025
- FIRE DRILL 02-JAN-2025
- PERFORMED MAN OVERBOARD DRILL WTH VESSEL RAWABI-321 ON 25-OCT-2025
- PERFORMED ANNUAL SECONDARY DRILL ON 22 MAY 2025.
- DERRICK RESCUE DRILL 25-JAN-2025
- REVIEWED D&WO LATEST ALERTS: 1-26, 36-25
==========ARAMCO PERSONNEL ON BOARD==========
- ARAMCO CLERK ABDULLAH A ALMOUGAIES #741753 ARRIVED AT THE RIG ON 20-JAN-2026
- ARAMCO CLERK ABDULHAMEED ALJASSIR #8361835 ARRIVED AT THE RIG ON 20-JAN-2026
- ARAMCO CLERK SULTAN ALDHIRGHAM #821673 ARRIVED AT THE RIG ON 27-JAN-2026
- ARAMCO PDP MARZOOQ ALMUTAIRI #834918 ARRIVED AT THE RIG ON 14-JAN-2026
- ARAMCO HSE ADVISOR JOHANN JONKER #8161412 ARRIVED AT THE RIG ON 16-JAN-2026
- ARAMCO HSE VINOD THAKUR # 8958155 ARRIVED ONBOARD ON 16-JAN-2025.
- ARAMCO HSE FCT ABDULLAH M ALQURAYQIRI #831726 ARRIVED ONBOARD ON 23-JAN-2025.
==========ARO MANAGEMENT VISITS==========
- ARO RIG MANAGER MICHAEL WARBURTON (8750963) VISITED RIG ON 12 JAN 26
- ARO ASST. RIG MANAGER SALMAN ALMUHATHIL (8411426) VISITED RIG ON 12 JAN 26
==========RENTAL TOOLS ONBOARD==========
OILSERVE 4-3/4" HMJ JAR SN: CW2820866-1 - MNF #2101356433
==========LC-50 SAMPLE ==========
LC-50 SAMPLE B/L 23-NOV-2025 ON RAWABI-213 MF#2400786054
==========
NEXT LOCATION:
ZULF-903-1510/1519
* RIG MOVE REQUESTS: (MRJN-540 TO SEA "RM-2025-4013970")
* RIG MOVE REQUEST: (FROM SEA TO ZULF-903. 1510/1519, "RM-2025-4013919")

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
78 PCF	1	3.7API	0	0 Volts	1.49	10	18,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	15.6HTHP	92	23	0	8 / 12	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	1	24	8	6 / 7	2.5	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
78 PCF	1	3.9API	0	0 Volts	1.52	10	17,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	15.6HTHP	92	23	0	8 / 13	WBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	1	23	8	6 / 7	2.5	260	0

MUD TREATMENT

DICL-ATF-S	CAUST	SODASH	XC	PACLV	BIOPAQ	BCTRN
16 (5GL)	2 (50LBP)	1 (100LB)	8 (50LB)	15 (50LB)	15 (50LB)	2 (5GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
8RR	9,320	9,320	DP Av	DC Av	Bit HHP	N/A	N/A	M333	5.875	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				1	1	WT	A	X
Serial Num	**Type**	**Jets**	**TFA**							
7916754	DD407	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs

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LIMITED MORNING REPORT

MRJN-540 DEVELOPMENT DRILLING BI-60

10/10/2025 - 02/17/2026

Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
						Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5.5	1	5.5	4.67	31	2,488.93	VX54	VX54	24.7	33,037.28	S135	PREM	
13	Crossover	RIG	4.875	1	4.875	2.563	2.55	2,457.93	VX39	VX54	1	32,271.58			22A10119-26-2
12	Drillpipe	RIG	4	42	4	3.24	1,315.8	2,455.38	VX39	VX39	14	32,269.03	G105	PREM	
11	Heavy Weight Drillpipe (HWDP)	RIG	4	15	4	2.563	470.7	1,139.58	XT39	XT39	28	13,847.83		CONV	
10	Crossover	RIG	4.875	1	4.875	2.313	2.7	668.88	VX39	NC38	1	668.23			22AI128-6-2
9	Drillcollar	RIG	4.75	2	4.75	2.25	60.17	666.18	NC38	NC38	1	665.53		SPRL	RIG
8	Hydro-Mechanical Jar	OJR	4.75	1	4.75		30.53	606.01			1	605.36			DRG007005-03
7	Drillcollar	RIG	4.75	15	4.75	2.25	464.29	575.48	NC38	NC38	1	574.83		SPRL	
6	Roller Reamer	RIG	5.875	1	4.75	1	6.05	111.19	NC38	NC38	1	110.54		3 POINT	RIG
5	Drillcollar	RIG	4.75	2	4.75	2.25	61.16	105.14	NC38	NC38	1	104.49		SPRL	
4	Roller Reamer	RIG	5.875	1	4.75	1	6.1	43.98	NC38	NC38	1	43.33		3 POINT	50001645
3	Drillcollar	RIG	4.75	1	4.75	2.25	30.83	37.88	NC38	NC38	1	37.23		SPRL	RIG
2	Near Bit Roller Reamer	RIG	5.875	1	4.75	1.25	6.4	7.05	3 1/2 REG	NC38	1	6.4		3 POINT	50001530
1	Bit	SMT	5.875	1	5.875		0.65	0.65				0			RV2356

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/13/2026	N/A	14-16 KNOTS SSE	2-4 FT	SEASONAL	497	PRE-TOUR & WEEKLY SAFETY MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	HCO	GOS	BHI	RIG	BDF	FPI	OJR	SWL	ARM	NCS	ARM
Category	PRTS	CTRG	DPDS	RIG	DFMS	FBGLS	JST	LPS	OTHR	PCS	WSC
No. of Persons	1	13	1	52	2	1	0	3	5	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	0	24	24	24	24
Operating Hours.	0	0	0	24	24	24	0	0	12	24	24

Total 82

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARZAKKAN

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2554	1662	2218	2834	1246	4187

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-2706 DEVELOPMENT DRILLING BI-60

11/12/2025 - 02/10/2026

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M1212 @ HRDH-2706 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: M1212
Well: HRDH-2706
Wellbores: (0) HRDH_2706_0

Charge #: (66-25058-2706)
Wellbores: (0) HRDH_2706_0

Objective : (HRDH-2706 IS A MK-1 HORIZONTAL WELL TO BE DRILLED IN HRDH TARGETING KHUFF-C RESERVOIR)

Foreman(s) MEKHZER, LAKHDAR MOHAMMED / ALJOHAR, MOHAMMAD KHALID
Engineer EISA, ABDULLAH HABEEB / ALOMAIR, ABDULLAH MOHAMMED
Manager OMRAN, MOHAMMAD JAFFAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677713 915	673-2749	673-8847

CONTRACTOR /CLERK VSA T: 804-9622/8 04-9200

Last 24 hr operations
DISPLACE WELL TO WATER. PERFORM CSG PICKLING, SHORT TRIP, CHC. DISPLACE TO FILTRATED KILL BRINE.

Next 24 hr plan
CONT DISPLACE TO FILTRATED KILL BRINE. POOH TO SURFACE, L/D ALL PIPES. RE-CONFIGURE BOP, P/T SAME. RUN 4.5" PACKERS PLUS UPPER COMPLETION.

Location: HRDH-2706
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,273	9 5/8	9843	9843	4 1/2	11,182	12,270	12,154

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12273	53.8 (12/05/2025@1000)	100	0	237	230

Formation Tops

Formations	Top Depth	Comments
BJDM	9,820	19' SHALLOWER
SUDR	10,864	8' DEEPER (10,856' TVD)
SDDM	11,151	14' SHALLOWER (11,142' TVD)
BSRD	11,181	9' SHALLOWER (11,172' TVD)
KFBC	11,653	11643' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0615	1.25	0	EOW	N	WBCO	WBCO	WBCL	SAM	12273	12273			EQUALIZED STRING PRESSURE W/ 2600 PSI, UNSET 9-5/8" SAMAA FSC PACKER & ALLOW PKR ELEMENT TO RELAX.
0615 - 0745	1.5	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			CLOSE ANNULAR, REVERSE CIRCULATE 1.5 X STRG VOLUME & DUMP WATER UNTIL MWT IN = MWT OUT = 101 PCF.
0745 - 0815	0.5	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			FLOW CHECK - WELL STATIC.
0815 - 0930	1.25	0	EOW	N	WBCO	HT	PEL	RIG	12273	12273			R/D TEST ASSEMBLY, SURFACE LINES AND MANIFOLD.
0930 - 1430	5	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			HPJSM, DISPLACE WELL FROM OBM TO WATER AS FOLLOWS: - PUMPED 60 BBLS DIESEL, 75 BBLS MUD PUSH, 75 BBLS SOLVENT PILL, 75 BBLS SURFACTANT PILL & 100 BBLS HI-VIS WATER. - DISPLACE CHEMICAL TRAIN WITH CLEAN WATER UNTIL CLEAN WATER RETURN.
1430 - 1545	1.25	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			FLUSH SURFACE LINES AND EQUIPMENT (PUMP FROM KILL LINE TO CHOKE MANIFOLD & SEPARATOR) WITH CCT-3000D SOLUTION. - MONITOR WELL THROUGH TRIP TANK, WELL STATIC.
1545 - 2045	5	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			PUMP CASING PICKLING CHEMICALS TRAIN AS FOLLOWING: - PUMPED 75 BBLS OF 63 PCF LEADER TRANSITION SPACER. - PUMPED 54 BBLS OF 63 PCF PICKLING PILL. - PUMPED 75 BBLS OF 63 PCF HI-VIS SPACER. - DISPLACE PICKLING TRAIN WITH WATER & CIRC. TILL GET CLEAN WATER 3 CONSECUTIVE READING (30 MIN APART): (NTU: 48, 42, 39 & TSS: 0.03, 0.02, 0.02%).
2045 - 2100	0.25	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			FLOW CHECK, WELL STATIC.
2100 - 2130	0.5	0	EOW	N	WBCO	RR	TDS	RIG	12273	12273			SERVICE TDS.
2130 - 2300	1.5	0	EOW	N	WBCO	ST	STDP	RIG	12273	12273	12222	11182	POOH SHORT WIPER TRIP WITH SAMAA WBCO/NEGATIVE TEST ASSY. UNTIL 4-1/2" BRUSH ABOVE TOP OF 4-1/2" LOWER PBR & RIH BACK. - CONTROL SPEED AS PER SAMAA REQUIREMENT.
2300 - 0400	5	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			SWEEP HOLE WITH HI-VIS PILL & CIRCULATE HOLE CLEAN UNTIL GET CLEAN WATER - 3 CONSECUTIVE READING (1 HR APART). - NTU: 47 - TSS = 0.03%. - NTU: 42 - TSS = 0.02%. - NTU: 32 - TSS = 0.02%.
0400 - 0415	0.25	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			FLOW CHECK - WELL STATIC.
0415 - 0459	0.75	0	EOW	N	WBCO	CIRC	MPMP	RIG	12273	12273			DISPLACE HOLE TO FILTERED CACL2/ CABR2 KILL BRINE OF 103 PCF TILL GET CLEAR BRINE ON SURFACE...ONGOING.

Foreman Remarks

HRDH-2706 IS A MK-1 HORIZONTAL WELL TO BE DRILLED IN HRDH TARGETING KHUFF-C RESERVOIR AS THE PRIMARY TARGET AND KHUFF-B AS THE SECONDARY TARGET SUBJECTED TO EVALUATION. THE WELL WILL BE COMPLETED WITH OH MSF OR CEMENTED LINER BASED ON LOGGING RESULTS.
==========ARAMCO PERSONNEL ==========
> ARAMCO FOREMAN MOHAMED A MOSTAFA #902459 WENT DHAHRAN TO ATTEND ADVANCED WELL CONTROL.
> ARAMCO MATERIAL EXPEDITOR ABDUALRHMAN M ALOTAIBI #8510587 ON LOCATION SINCE 01/27/2026.

LIMITED MORNING REPORT

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HRDH-2706 DEVELOPMENT DRILLING BI-60

11/12/2025 - 02/10/2026

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==========SAFETY ==========
> CONDUCT DAILY SAFETY & PRE-TOUR MEETING.
> SAFETY TOPICS: PTW AT WORK LOCATIONS. ENERGY ISOLATION CERTIFICATE (EIC).
> DRILLS: NONE.
> NEAR-MISS: NONE.
> HSE ALERTS:
HSE ALERT - 09-26 - TRUCK ROLLOVER.
HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED.
==========DIRECTIONAL DATA==========
>
==========SERVICE PERSONNEL ==========
> 1 OES MUD ENG ON LOCATION.
> SAMAA WBCO ENG ON LOCATION SINCE 01/10/2026 18:00.
==========RENTAL TOOLS ==========
>
==========AUDIT FINDINGS ==========
> WC: FINDING: 14, OPEN: 6.
> RHSEI AUDIT TOTAL FINDINGS: 29, OPEN: 13.
> CEHA AUDIT TOTAL FINDINGS: 35, OPEN: 10.
==========VACUUM TANKERS==========
> VACUUM TANKERS ON LOCATION: 4
> DRSS # 3000373743.
> WORKING HOURS PER TRUCK: 10.
==========DRLG FLUID COST OPTIMIZATION==========
> REC. 400 BBLS 105PCF OBM FROM ADC-47.
> REC. 650 BBLS 94 PCF OBM FROM SHEDGUM MUD PLANT.
> TRANF. 600 BBLS WBM 85 PCF TO ADC-67L.
> REC. 350 BBLS 104 PCF OBM FROM T-546.
> TRANF. 500 BBLS WBM 85 PCF TO SND-2016.
> TRANF. 1300 BBLS WBM 85 PCF TO PA-70.
> REC. 500 BBLS 133 PCF OBM FROM SND-2014.
> REC. 500 BBLS 110 PCF OBM FROM SINO-49.
> TRANF. 500 BBLS OBM 135 PCF TO SP-96.
> TRANF. 900 BBLS OBM 129 PCF TO SND-2023.
> REC. 1200 BBLS 101 PCF OBM FROM ADC-48.
>TRANF. 450 BBLS OBM 130 PCF TO SND-2016.
>TRANF. 450 BBLS OBM 101 PCF TO NBR-304S.
==========DRLG BIT OPTIMIZATION==========
> 28" RR SEC TCI BIT (TYPE: VGAC310H / SN: Z962ZT).
> 12" REF SEC PDC BIT, (TYPE: GT86DH, SN: 14210779R).
> 8-3/8" ULTERRA PDC BIT, TYPE: U616MD1/ SN: 53102-R.
==========DAILY RIG VISITS==========
> NONE.
========== NEXT LOCATION==========
> NEXT WELL: HRDH-2735, LOCATION READINESS 100%.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	12,273	57.5	85.5	0	12,157	50.76	-23.49	183.51	9.25

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	0	800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WATER	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	0	0	0 / 0	0	160	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	0	800
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WATER	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	0	0	0 / 0	0	160	0

MUD TREATMENT

BARITE	CAUST	DUOVIS-NS	CCT-3000D	CCT-8051
12 (5000L)	4 (50LBP)	14 (50LB)	16 (55GL)	28 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
8	12,273	12,273	DP Av	DC Av	Bit HHP	15	60	S143	3.625	ULTR
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
80567	U509SP	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
N	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs

LIMITED MORNING REPORT

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HRDH-2706 DEVELOPMENT DRILLING BI-60

11/12/2025 - 02/10/2026

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Mud Motor Seria | Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	30	3,423.5	VX54	VX54	24.7	31,566.604	VM105	NEW	
14	Crossover	RIG	3.812	1	3.813	1.5	2	3,393.5	NC26	NC26	0	30,825.604			41716-15
13	Component Not listed	SAM	9.625	1			38.79	3,391.5			0	30,825.604			0
12	Drillpipe	RIG	4	10	4	3.24	314.5	3,352.71	XT39	XT39	15.7	30,825.604	XD105	PREM	
11	Component Not listed	SAM	85.96	1			63.42	3,038.21			0	25,887.954			0
10	Drillpipe	RIG	4	39	4	3.34	1,224.54	2,974.79	XT39	XT39	14	25,887.954	S135	PREM	
9	Component Not listed	SAM	7	1			35.07	1,750.25			0	8,744.394			0
8	Crossover	RIG	3.5	1	3.375	1	672	1,715.18	2 3/8 HTPAC	2 3/8 REG	0	8,744.394			881-3
7	Component Not listed	ARM	5	1			15.28	1,043.18			0	8,744.394			0
6	Crossover	ARM	2.875	1	2.875	1.25	1.65	1,027.9	NC31	2 7/8 PAC	0	8,744.394			0
5	Drillpipe	ARM	2.875	24	2.875	2.259	798.3	1,026.25	PH-6	PH-6	8.7	8,744.394	L80.1	PREM	
4	Component Not listed	SAM	3.625	1			25.75	227.95			0	1,799.184			3034.63
3	Drillpipe	ARM	2.875	6	2.875	2.259	199.52	202.2	PH-6	PH-6	8.7	1,799.184	L80.1	PREM	2-7/8" TBG
2	Bit Sub	ARM	2.875	1	2.875	2.259	1.98	2.68	PH-6	PH-6	32	63.36			13074142
1	Bit	ULTR	3.625	1	3.625	1	0.7	0.7	2-3/8"REG			0			80567

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	01/22/2026	N/A	N/A	SEASONAL	4,085	2 PRE-MOVE MEETING

PERSONNEL AND SERVICES INFORMATION

Company	FMC	SWK	RIG	OES	MJH	NFT	PKP	RIG	ARM	NST	ARM	SAM
Category	CSR	CTRG	RIG	DFMS	SEC	FILT	LHES	OTHR	OTHR	SFS	WSC	WBCS
No. of Persons	3	13	40	1	8	3	2	12	1	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	12	0	10	2	0	0	5	24	24

Total 88

TRUCKS/BOATS

Standby/Tankers
E927

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	446	168	38	1100

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
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LIMITED MORNING REPORT

HWYH-993 WORKOVER-1 BI-60

10/15/2025 - 02/21/2026

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NA-128S @ HWYH-993 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NA-128S
Well: HWYH-993
Wellbores: (0-3) HWYH_993_3

Charge #: (71-26053-0993)
Wellbores: (0-3) HWYH_993_3

Objective : (K | REPLACE TUBING: REPLACE DAMAGED TUBING IN PRODUCTION/OBSERVATION WELLS)

Foreman(s): PICKWORTH, TOBY L / ALOTAIBI, SAUD SAAD / GENUZIO, JULIO CESAR
Engineer Manager: MUBARAK, MOHAMMED ALI / ALKURAYA, SIDDIQ BAKR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11116	6791840	8807846
FAX VSAT	CONTRACTOR /CLERK VSA T	
8807847	6791842	

Last 24 hr operations: CONT. RIH TO TOW, REMOVE FLOW NIP, INSTALL RCD BEARING, CIRC BOTTOMS UP, DISPALCE TO 125 PCF, PERFORM 1ST PPT

Next 24 hr plan: SPS DRILL TO 10,864',PERFORM 2ND PPT 80' BELOW WINDOW.

Location: 204 KM FROM DH MAIN GATE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,797	9 5/8	10813	10813	7	8,214	12,566	12,566

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10783	90.1 (10/30/2025@0000)	100	0	204	245

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0730	2.5	0-3	5 7/8	N	DRLG	TI	STDP	RIG	10797	10797	6900	10660	RIH W/ 5-7/8" HLB RSS/MWD-NBGR DIRECTIONAL DRILLING BHA ON 5.5" DP TO TOW. - FILL STRING EVERY 15 STDS W/ TDS - MONITOR WELL ON TRIP TANK, WELL STATIC.
0730 - 0830	1	0-3	5 7/8	N	DRLG	CIRC	MPMP	RIG	10797	10797			CUMMULATIVE TIME TO FILL STRING DURING TRIP.
0830 - 1030	2	0-3	5 7/8	N	DRLG	LOG	LWD	SPS	10797	10797	10660	10760	RE-LOG FORM 10,660' TO 10,760' AS PER GOC INSTRUCTIONS.
1030 - 1045	0.25	0-3	5 7/8	N	DRLG	PJSM	NA	RIG	10797	10797			HPJSM FOR NIPPLING DOWN FLOW NIPPLE AND INSTALLING MPD BEARING.
1045 - 1145	1	0-3	5 7/8	N	BOP	ND	BNIP	RIG	10797	10797			NIPPLE DOWN FLOW NIPPLE AND RELATED LINES. > FLUSH THROUGH MPD LINES AND EQUIPMENT TO ENSURE NO RESTRICTIONS.
1145 - 1245	1	0-3	5 7/8	N	BOP	NU	RCD	HUD	10797	10797			INSTALL HALLIBURTON MPD BEARING AND SECURE SAME WITH CLAMP.
1245 - 1445	2	0-3	5 7/8	N	DRLG	CIRC	MPMP	RIG	10797	10797			CIRCUALTE BOTTOMS UP PRIOR TO DISPLACEMENT TO CHECK MUD PROPERTIES. > MUD PROPERTIES IN GOOD CONDITION WITH NO CONTAMINATION. > RIG TAKE SCR WITH #2 AND #3 MP'S WITH 135 PCF MUD.
1445 - 1815	3.5	0-3	5 7/8	N	DRLG	CIRC	MPMP	RIG	10797	10797			DISPLACE WELL OVER TO 125 PCF CONVENTIONAL OBM WITH MPD HOLDING EQUIVALANT OF 135 PCF ECD. > OBTAIN NEW SCR AFTER DISPLACEMENT.
1815 - 0459	10.75	0-3	5 7/8	E	TEST	OTH	NA	HUD	10797	10797			HALLIBURTON MPD PERFORM 1ST PPT AT TOP OF WINDOW AS FOLLOWS: > CIRCULATE WHILE DROPPING FROM 135 PCF EMW/ECD TO 133 PCF EMW/ECD > CIRCULATE BOTTOMS UP THROUGH MGS AND CHECK BOTTOMS UP. > CIRCULATE WHILE DROPPING FROM 133 PCF EMW/ECD TO 130 PCF EMW/ECD. > CIRCULATE BOTTOMS UP THROUGH MGS AND CHECK BOTTOMS UP. > CIRCULATE WHILE DROPPING FROM 130 PCF EMW/ECD TO 127 PCF EMW/ECD. > CIRCULATE BOTTOMS UP THROUGH MGS AND CHECK BOTTOMS UP. > CIRCULATE WHILE DROPPING FROM 127 PCF EMW/ECD TO 125 PCF EMW/ECD. > CIRCULATE BOTTOMS UP THROUGH MGS AND CHECK BOTTOMS UP.

Workover Objectives

Foreman Remarks

THE REVISED OBJECTIVE OF THIS WO IS TO SIDETRACK THE WELL IN ONE SECTION AND PRESET IT INTO KFBC
==========
- ODF CORRECTION: -1'
==========S. ARAMCO PERSONNEL ==========
> ARAMCO MATERIAL EXPIDITOR ABDULLAH ALSHUAIBI ID# ON LOCATION SINCE 1/22/2026.
==========VISITS==========

==========JOURNEY MANAGEMENT PLAN AND LOCATION HWYH-993 ==========
> RIG IS COVERED W/ STC AND MOBILY CELLUAR SIGNAL.
> ALL VEHICLES SHOULD FOLLOW APPROVED ROAD W/ NO SHORT CUT & FOLLOW DRIVING SPEED LIMIT.
> ALL PERSONNEL ARRIVING ON LOCATION TO HAVE COMPANY & ARAMCO ID.
========== SERVICE CO. PERSONNEL ========
- EMEC MUD ENGINEER ON LOCATION 08/25/2025
- SAUDIZATION: 80%.
- CREW SHORTAGE: 0.
========== SAFETY & DRILLS ==========
TOPICS DISCUSSED:
WIND SPEED AND WORK AT HEIGHT.
HANDS FINGER INJURY PREVENTION CAMPAIGN
- SAFETY DRILLS:

LIMITED MORNING REPORT

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HWYH-993 WORKOVER-1 BI-60

10/15/2025 - 02/21/2026

-REEL-SAFE 11-25 - FINGER INJURY WHILE TRIPPING OPERATION
PROCEDURE TOPIC OF THE WEEK # 3 (18 TO 24 JAN, 2026)
PROCEDURE OF THE WEEK : CRANE SAFETY AND LIFTING GUIDELINES
LESSON LEARNED OF THE WEEK (OPERATIONS / HSE ALERT) : ROUSTABOUT LIFTED BY TAGLINE
WEEKLY FOCUS AREAS AUDIT CHECKLIST: SHORT SERVICE EMPLOYEE PROGRAM (SSE)
=====SHARED ARAMCO/SANAD HSE ALERTS, SAFETY BULLETINS, EXTERNAL ALERT & NM======
-LOWER LEG INJURY
==========AUDIT ==========
- 1ST RHSI ON 3/28/2025: FINDINGS 52, CLOSED 52 & OPEN 0.
- 1ST WCI ON 5/10/2025: FINDINGS 8, CLOSED 8 & OPEN 0.
- MCI Q2 ON 6/10/2025: FINDINGS 51, CLOSED 51 & OPEN 0.
- DROP INSPECTION ON 12/14/2024, FINDINGS 42, CLOSED 42 & OPEN 0.
- 3 MCI Q3 (2025) ON 13/9/2025, FINDINGS 49,CLOSED 49 & OPEN 0.
========== RENTAL TOOLS ==========
- OILSERVE 4-3/4" HDA-JAR WITH S/N: HJDA-475-0064 RECIEVED ON 12/1/2025/ BACKLOADED 1/17/2026
- SAMAA WBCO TOOLS ARRIVED 12/15/2025,BACKLOADED 1/15/2026
- OILSERVE 4-3/4" HDA-JAR WITH S/N: HJDA-475-0066 RECIEVED ON 1/17/2025
==========MUD RECIEVED FROM RIGS==========
> 500 BBLS OF 133 PCF OBM FROM NA-393S.
> 540 BBLS OF 108 PCF OBM FROM SND-2021.
==========7" WINDOW DATE==========
> T.O.W @ 10,770'/B.O.W @ 10,783'/ANCHOR @ 10,788'.
========== WATER CONSERVATION INITIATIVES ==========
- REDUCED WATER PITS: .
- DIRECT WATER LINE-UP TO MUD WATER TANK SYSTEMS: Y.
- CLS-CUTTINGS DRYER SYS. IMPLEMENTATION: N.
========== WATER WELL ==========
- HWYH-803
- WATER METER INSTALLED & ZEROED
========== NEXT LOCATION ==========
- 1ST: HRDH-1873, NDE PRE-KHUFF UNZ-A, KOM HELD 10/20/2025, STRIP OUT: 100%, LOCATION READINESS 100%, WOCP RUNNING.
- 2ND: HRDH-1947,RE-ENTRY PRE-KHUFF UNZ-A,KOM HELD: NO CONDUCTED, STRIP OUT: 100%, LOCATION READINESS: 100 %
- 3RD : JFYN-6, RE-ENTRY PRE-KHUFF UNZ-C, KOM HOLD. STRIP OUT: 100%, LOCATION READINESS 100%, WOCP RUNNING.
- 4TH: JFYN-13, RE-ENTRY PRE-KHUFF, KOM WAS NOT HOLD, STRIP OUT: 100%, LOCATION READINESS 0%, NO WOCP.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
125 PCF	1	0API	53	780 Volts	4.78	0	13,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.8HTHP	9	9	0	8 / 12	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	38	38	6 / 7	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
135 PCF	1	0API	53	790 Volts	4.78	0	13,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
125	2HTHP	9	10	0	8 / 12	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	38	38	6 / 7	0	0	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
22	10,797	10,797	DP Av	DC Av	Bit HHP	N/A	N/A	M333	5.875	REED
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
S325183	TK63M4D	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Drillpipe	RIG	4	1	4	3.34	1	285.74	XT39	XT39	14	8,239.84	XD105	PREM	TALLY
12	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.56	90.67	284.74	XT39	XT39	28.24	8,225.84		CONV	TALLY
11	Hydraulic Jar	OJR	4.75	1	4.75		31.47	194.07			0	5,665.319			HJDA-475-0066
10	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.56	91.02	162.6	XT39	XT39	28.24	5,665.319		CONV	TALLY
9	Crossover	RIG	4.75	1	4.75	2.25	2.67	71.58	NC38	XT39	43.66	3,094.914			38535-1A
8	Float Sub	SPS	4.75	1	4.75	2.25	2.42	68.91	NC38	NC38	0	2,978.342			FS5151

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LIMITED MORNING REPORT

HWYH-993 WORKOVER-1 BI-60

10/15/2025 - 02/21/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
7	PBL (Multiple Activation By Pass)	SAM	4.75	1	4.75	2.25	8.1	66.49	NC38	NC38	0	2,978.342			SAMAA
6	Float Sub	SPS	4.75	1	4.75	2.25	2.6	58.39	NC38	NC38	0	2,978.342			FS5477
5	Float Sub	SPS	4.75	1	4.75	2.25	2.02	55.79	NC38	NC38	49.69	2,978.342			13678292
4	Screen sub	SPS	4.75	1	4.75	2	5.67	53.77	NC38	NC38	43.66	2,877.968			13446734
3	Power & Communication Sub	SPS	4.75	1	4.75	2.25	11.17	48.1	NC38	NC38	56.21	2,630.416			13802539
2	RSS	SPS	4.75	1	4.75	3.98	36.41	36.93	3-1/2" IF	3-1/2" REG	55	2,002.55			13591978
1	Bit	REED	5.875	1			0.52	0.52				0			S325183

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	01/12/2026	SLIGHT	N/A	CLOUDY	3,522	MPD

PERSONNEL AND SERVICES INFORMATION

Company	GOS	SPS	RIG	EMC	MJH	HUD	RO1	RIG	ARM	OTH	OTH	ARM	SAM
Category	CTRG	DPDS	RIG	DFMS	SEC	MPD	MLS	OTHR	OTHR	RENT	VAC	WSC	WBCS
No. of Persons	16	4	46	2	8	9	2	14	1	2	1	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	0	12	24	12	12	0	0	24	0

Total
109

TRUCKS/BOATS

Standby/Tankers
b872

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	N/A	401	245	N/A	800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2524 WORKOVER-1 BI-60

12/30/2025 - 02/17/2026

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NA-18S @ HRDH-2524 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NA-18S
Well: HRDH-2524
Wellbores: (0) HRDH_2524_0

Charge #: (71-25058-2524)
Wellbores: (0) HRDH_2524_0

Objective : (RE-ENTER, DE-COMPLETE, MILL 200 FT OF 4.5" CEMENTED TUBING AND SIDETRACK THE WELL IN ONE HOLE SIZE A)

Foreman(s) DJERIBAA, ABDELDJALIL / REKIK, LOUNES
Engineer HASHIM, AHMED OMAR
Manager ALKURAYA, SIDDIQ BAKR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+88 216 77 7 113 77	574-4325	880-5514 (CLINIC)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
572-8868 (CLERK)	880-5513 (CONTRACTO R)	

Last 24 hr operations
CONT RIH BAKER MILLING BHA W/ PU 5-1/2 " DP FROM RACK PIPE TO 10280',WASH DOWN TAG 10304', DISPLACE W/112 PCF MILLING MUD MILLING 4"1/2 TBG

Next 24 hr plan
CONT MILLING 4-1/2" TBG TO 10,510', CHC, POOH, RIH SAMA WBCO ASSY

Location
0.43 KM N57E OF HRDH-1147 AND 0.651 KM N OF HRDH-479

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,325	9 5/8	10371		7	10,542	11,325	11,325

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11325	10.9 (01/17/2026@0700)	0	0	252	252

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0000	19	0	POST	N	MILL	LDP	SPDP	RIG	11990	11990	2000	10280	RIH BAKER MILLING BHA W/ PICKING UP FLUSHED AND DRIFTED 5-1/2 " DP FROM PIPE RACK FROM 2000'TO 10,280 ' > FILL UP STRING & CIRCULATE STING VOLUME EVERY 20 STANDS. > MONITOR WELL THRU TRIP TANK, WELL STATIC
0000 - 0030	0.5	0	POST	N	MILL	OTH	NA	RIG	11990	11990			SERVICE TDS & GENERAL RIG FLOOR HOUSEKEEPING.
0030 - 0230	2	0	POST	N	MILL	CIRC	MPMP	RIG	11990	11990			HPJSM, WASH DOWN LAST STAND AND TAG TOP 4-1/2" TBG CUT AT 10304'. > PUMP HI-VISC AND DISPLACE THE WELL TO 112 PCF MILLING FLUID. > BAKER ENG RECORD MILLING PARAMETERS.. WITH OUT PUMP RATE : P/U WEIGHT=272KLBS, S.O.W =244KLBS WITH PUMP RATE: 350GPM , PR=2100PSI , P.U.W=250KLBS, S.O.W=223 KLBS. ROTATE : 60RPM TRQ 8-9 K.FT-LBS. , R.T WEIGHT; 233KLBS .
0230 - 0459	2.5	0	POST	N	MILL	MILL	MILL	BFW	11990	11990	10304	10314	HPJSM, RECORD PARAMETERS, PERFORM MILLING OPERATION ON THE 4-1/2" TBG W/5-1/4" PILOT MILL FROM 10304' TO 10314 > MILLING PARAMETERS: 250-350 GPM, 120 RPM, WOB 4-8 KLBS & TQ 11 K.FT-LBS. > AVG ROP 4 FT/HR > PUMP 25 BBLS HI-VIS PILL EVERY 1 HR. > PERIODICALLY CLEAN OUT DITCH MAGNET.

Workover Objectives

Foreman Remarks

=====ODF CORRECTION=====
> ORKB FOR RIG T-570 IS 28', CURRENT RKB FOR RIG NA-18S IS 40' ODF DIFFERENCE: -12 FT.

=====ARAMCO PERSONNEL=====
> ARAMCO MATERIALS CLERK USMAN ASHRAF BADGE# 8060267 ON LOCATION SINCE 11/01/2025.
> ARAMCO PDP BANDAR TUMBUKANI #810638 ON LOCATION SINCE 01/20/2026.
=======SANAD PERSONNEL=========

=====JOURNEY MANAGEMENT PLAN=====
> ALL VEHICLES SHOULD FOLLOW APPROVED ROAD W/ NO SHORT CUT & FOLLOW DRIVING SPEED LIMIT.

====SERVICE CO. MANAGMENT (VISITS)====
> ASIM MAHIR OES MUD SUPERVISOR #8542980 LEFT RIG SINCE 1/27/2026.
> ARAMCO MUD ADVISER MR TAHIR SAAD ID#8124576 VISITED RIG ON 1/27/2026.
====SERVICE CO. MANAGMENT (VISITS)====
> TAQA FRAC 02 TANKS IN LOCATION SINCE 1/27/2026 AT 1:00AM
> BAKER MILLING ON LOCATION SINCE 1/24/2026 A 17:00 PM.
> TASMAN 6"-3/4 HY-M JAR SN: DJ6-675-83 ON LOCATION SINCE 1/22/2026 AT 18:00. RUN IN HOLE ON 26/1/2026 11:30 PM
> TAQA H2S MONITORING ON LOCATION SINCE 1/1/2026.
> PWS TBG INSPECTION ON LOCATION SINCE 1/25/2026.
=====SAFETY=====
> SAFETY MEETING TOPIC: MANRIDING OPERATION & WORK AT HEIGHT SAFETY
> PRE-TOUR SAFETY MEETINGS: 03, WEEKLY SAFETY MEETING: 00, STAND DOWN/UP MEETING: 00.

* INC/NEAR MISS: 00.
* STOP WORK AUTHORITY: 3.
* DRILLS: PIT DRILL: 00, TRIP DRILL: 00, ACCUMULATOR DRILL: 00, BOP FUNCTION TEST: 00, SWA DRILL: 01, H2S RELEASE DRILL: 00
* PRE-TOUR SAFETY MEETINGS: 03, WEEKLY SAFETY MEETING: 00, STAND DOWN/UP MEETING: 00.
* PERMITS TO WORK: 22
* COLD WORK: 11, HOT WORK: 02, BUFFER ZONE: 05, CONFINED SPACE: 02, RADIOACTIVE PERMIT: 00-, FUEL TRANSFER PERMIT: 01, LIFTING PERSONAL PERMIT: 01
========== NEXT LOCATION ==========
1ST WELL: HWYH-207, PRE SET KHUFF C, PRE-WORKOVER MEETING DONE 01/05/2026, STRIP OUT 100%, LOCATION PREPARATION 0%, WOCP RUNNING.

DAILY SURVEY

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LIMITED MORNING REPORT

HRDH-2524 WORKOVER-1 BI-60

12/30/2025 - 02/17/2026

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MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
112 PCF	0	0API	0	0 Volts	0	10	37,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	74	21	0	11 / 18	KF	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	19	26	8 / 11	0	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
112 PCF	0	0API	0	0 Volts	0	10	37,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	74	22	0	10 / 18	KF	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	19	26	9 / 11	0	200	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	N/A	SEASONAL	N/A	SEASONAL	3,403	PRE-TOUR. BOP TEST

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	OES	MJH	BFW	MH2	PW	RIG	ARM	ARM	
Category	CTRG	RIG	DFMS	SEC	WMFE	H2S	ISPCT	OTHR	OTHR	WSC	
No. of Persons	17	40	2	8	2	1	4	16	2	2	Total 94
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	0	0	12	0	12	12	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others
F-093	RIG AMUBLANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	160	N/A	N/A	400

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

WAITING FOR PALOALTO ACTIVIATION.

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LIMITED MORNING REPORT

SHYB-432 WORKOVER-1 BI-60

01/08/2026 - 02/25/2026

NA-207S @ SHYB-432 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
NA-207S Well SHYB-432 Wellbores: (0-1) SHYB_432_1	(71-25072-0432) Wellbores: (0-1) SHYB_432_1	(SIDETRACK & COMPLETE WELL WITH 4 1/2" UPPER COMPLETION)	MOHAMED, MOHAMED MOSTAFA / ALSULTAN, MOHAMMED ESSA / CHMURA, GRZEGORZ MARCIN NGO, TUAN ANH AKBAR, HUSSAIN QASSIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14165	5741722	5741721

CONTRACTOR /CLERK VSA T: 5741723

Last 24 hr operations	Next 24 hr plan
CONT DRILL L-0-1 HOLE WITH 6 1/8" RR PDC BIT & RSS/MWD/LWD DIRECTIONAL BHA.	CONT DRILL L-0-1 HOLE WITH 6 1/8" RR PDC BIT & RSS/MWD/LWD DIRECTIONAL BHA.

Location	Next Location
SHYB-432 (SABKAH-56)	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,866	9 5/8	4051	3861	7	1,428	6,312	4,997

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7015	13 (01/15/2026@0500)	100	1,851	575	795

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0430	23.5	0-1	6 1/8	N	DRLG	D	RSS	SDM	7015	8866			DRILL 6 1/8" L-0-1 HOLE WITH SLB RSS-MWD/LWD ASSEMBLY FROM 7,015' TO 8,866' AS PER APPROVED PLAN (L0-1 D5.0 BS 04.11.25) WITH 74 PCF NACL POLYMER MUD (100 % CIRCULATION) >> OBSERVED DOLOMITE ZONE F/ 7,925' TO 8,037'; SLB DIR DRILLING NOTED VIBRATION ON RSS TOOL - REDUCED ROP 30-50 FPH. - PUMP 10/20 LO/HI WT TANDEM PILLS EVERY 2 STDS DRILLED. - WASH UP / REAM DOWN & TAKE SURVEY EVERY DRILLED STAND. > WOB 8-12 KLBS, RPM 80-120, TORQUE 5-9 KLBS-FT, GPM 280, SPP 1950 PSI. > DAILY DRILLING PROGRESS = 1,851' > CUMULATIVE DRILLING PROGRESS = 2549'. > REMAINING DRILLING FOOTAGE = 6702' - 2549' = 4,153' > ON BOTTOM DRILLING= 29.03 HRS, ON BOTTOM ROP = 120-250 FT/HR > WELLPATH OFF THE PLAN: 5.46' BELOW, 3.66' RIGHT.
0430 - 0459	0.5	0-1	6 1/8	N	DRLG	CIRC	MPMP	RIG	8866	8866			SERVICED TOP DRIVE SYSTEM AND DRAWWORKS.

Workover Objectives

Foreman Remarks

- ODF CORRECTION = - 3.0
- WING VALVE HEIGHT FROM GROUND = 4.55' (EAST DIRECTION)
- RIG MAIN CAMP WAS KEPT AT OLD LOCATION FOR COST SAVING.

----------CCA PRESSURES----------
OPENED ALL CCA @ 04:00 HRS ON 28-JAN-2026 & KEEP IT OPENED.
> 9 5/8" * 13 3/8" CCA-1: 0 PSI (2 PPM H2S, 5% LEL, 602 PPM CO).
> 13 3/8" * 18 5/8" CCA-2: 0 PSI (0 PPM H2S, 2 % LEL, 13 PPM CO)

** PRESSURE TESTED CCA ON 17-JAN-2026 **
- P/T CCA1 9" * 13" SEPARATELY TO 500 PSI WITH 1% B-1400 INHIBITED WATER, CCA1 HOLDING 400 PSI, CCA2 13" * 18" CONDUCTOR BUILD TO 300 PSI & HOLD AT 200 PSI.

---------- WELL DATA ----------
ORIGINAL HOLE L-0 TD 16,035'
----------DIRECTIONAL DATA ----------
- SHYB-432_L-0-1 PLAN # D5 BS FINAL, DATED 06-NOV-2025
- SLB RSS PD 475 ORBIT G2 6 1/8" STAB / MWD-LWD BHA
- BIT TO SENSORS: GR-6.46'; INC-7.36'; DIR = 9.46'; RES-29.37'; D+I-34.57'; GR-36.57'; DENS-61.24', NEUTRON = 64.88'

---------- RIG WELL SCHEDULE & READINESS ----------
1) SHYB-275 SABK#95 (BI-60 REN). KOM DONE ON 24-SEP-2025, STRIP OUT 0%, WELL SITE 0%.

========== SAFETY & ERP ==========
- H2S CONCENTRATION: 0.35% MOLE, GOR: 4396, RER 100 PPM = 315 M, 30 PPM = 635 M, 1/2 LFL: 241 M.

---------- ERP EQUIPMENT & CONTINGENCY PLAN ----------
- ALMANSOORI TAQA H2S-LEL SENSORS RIG UP @ 15:00 HR ON 12-JAN-2026.
- STAGING AREA #1 LOCATED NE 700M (N 22 32 35.91 / E 54 01 5.51).
- STAGING AREA #2 LOCATED NW 700M (N 22 32 17.38 / E 54 00 24.60).

---------- SAFETY DRILLS AND SAFETY OBSERVATIONS---------
- OBSERVATIONS SUBMITTED: 30
- CONDUCT DAILY PRE TOUR-SAFETY MEETING WITH RIG CREWS & DISCUSSED ALL RECEIVED HSE ALERTS & IMPORTANCE OF SWA.

---------- PERSONNEL ON RIG ----------
- ADEEL FAZAL #8564787 CLERK ON RIG 31-DEC-2025.
- FAISAL AL-ZAHRANI #8549839 MATERIAL EXPIDITOR ON RIG 19-JAN-2026.
- AHMED ALJAFAR #824802 FCT ON RIG 26-JAN-2026.

LIMITED MORNING REPORT

SHYB-432 WORKOVER-1 BI-60

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---------- RENTAL EQUIPMENT ----------
- CORTRAX STRING 7" MAGNETS ON RIG 16-JAN 2026 @ 10:00 HRS.
- NPS 4.75" DRILLING JAR GE-DJ-00031 ON RIG 15-JAN-2026 @ 12:00 HRS.
- HLB RTTS TOOLS & ENG ON RIG 19-JAN-2026 @ 09:00 HRS. RELEASED ON 25-JAN-26 @ 07:00 HRS
- SLB CMT UNIT & CREW ON RIG 19-JAN-2026 @ 16:00 HRS.
- CORTRAX PBL OPERATOR ON RIG 22- JAN-2026 @ 15:00 HRS.
- SLB DD/LWD ARRIVE ON 21-JAN-2026 @ 18:00 HRS.
- SLB CENTRIFUGE 7 OPERATOR ON RIG 22-JAN-26 @ 18:00 HRS.
- HLB MPD EQUIP & CREW ON RIG 22-JAN-26 @ 15:00 HRS.
- NOV 6 1/8" DLR ON RIG 24-JAN-26 @ 19:00 HRS.

---------- INFORMATION FOR DISPATCHING GROUP ----------
- 2* WATER TRUCK AL-KHALDI PL# 1256/1143 ON RIG SINCE OCT 11-2025.
- 2* WATER TRUCK AL-SHURIE (5827) ON RIG SINCE 23-MAY-2024.
- 10* WATER TRUCK AL-SHURIE ON RIG SINCE 23-JAN-2026.

---------- WELLSITE EQUIPMENT ON LOCATION ----------
- 2* VACUUM TRANKER G-CAT ON RIG SINCE 03-DEC-2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	7,052	89.14	217	-1,795	5,016	-884.92	-432	3,230.76	0.16
0-1	7,149	89.07	216.9	97	5,018	-908.54	-449.77	3,326.04	0.13
0-1	7,242	89.14	216.95	93	5,019	-931.2	-466.8	3,417.49	0.09
0-1	7,335	89.24	217.05	93	5,021	-953.84	-483.85	3,509	0.15
0-1	7,431	89.28	217.31	96	5,022	-977.15	-501.53	3,603.49	0.28
0-1	7,526	89.17	217.13	95	5,023	-1000.2	-519.05	3,697.06	0.22
0-1	7,622	88.66	217.16	96	5,025	-1023.52	-536.71	3,791.7	0.54
0-1	7,717	89.24	214.84	95	5,027	-1046.94	-553.73	3,885.7	2.51
0-1	7,811	89.52	213.17	94	5,028	-1070.7	-569.75	3,979.16	1.81
0-1	7,905	89.76	211.18	94	5,028	-1094.94	-585	4,072.92	2.13
0-1	7,998	88.86	209.23	93	5,029	-1119.44	-599.26	4,165.84	2.3
0-1	8,093	89.41	207.48	95	5,031	-1144.92	-613.02	4,260.83	1.93
0-1	8,188	89.34	206.41	95	5,032	-1170.73	-626.14	4,355.8	1.13
0-1	8,283	89.93	206.2	95	5,032	-1196.68	-638.97	4,450.75	0.65
0-1	8,377	89.93	206.38	94	5,033	-1222.37	-651.66	4,544.7	0.19
0-1	8,471	90.07	206.55	94	5,033	-1248.02	-664.43	4,638.67	0.23
0-1	8,563	89.83	206.36	92	5,033	-1273.12	-676.92	4,730.63	0.34
0-1	8,658	89.83	206.25	95	5,033	-1299.08	-689.76	4,825.59	0.11
0-1	8,753	90.07	206.67	95	5,033	-1325	-702.66	4,920.56	0.51
0-1	8,847	90	206.5	94	5,033	-1350.62	-715.48	5,014.54	0.19

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	1	3.6API	0	0 Volts	6.11	9.5	90,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	11.8HTHP	89	22	0	8 / 9	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
50	1	12	11	7 / 8	0	260	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	1	3.6API	0	0 Volts	6.11	9.5	90,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	11.8HTHP	89	23	0	8 / 9	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	1	12	11	7 / 8	0	260	0

MUD TREATMENT

XC	BCTRN	CAUST	SODASH	ECCO-TEMP	CACO3-50	CACO3-25
6 (50LB)	3 (5GL)	2 (DRUM)	4 (100LB)	3 (100LB)	80 (55LB)	80 (55LB)
FLO-TROL	**MRBL-F**	**MRBL-M**	**NACL**	**DFMR**		
40 (50LB)	6 (2200L)	3 (2200L)	9 (2200L)	1 (55GL)		

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
10RR	16,035	18,584	DP Av	DC Av	Bit HHP	12	120	M233	6.125	HTC
Pressure	**GPM**	**Jet Vel**	318.97	N/A	77	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,950	280	231				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
7913415	TD406V1	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	29	90	117	74	9,000		11
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

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LIMITED MORNING REPORT

SHYB-432 WORKOVER-1 BI-60

01/08/2026 - 02/25/2026

أرامكو السعودية
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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	4	1	4	3.476	31	420.85	XT39	XT39	11.85	15,137.53	G105	PREM	SANAD
14	Heavy Weight Drillpipe (HWDP)	RIG	4.875	4	4.875	2.55	120.73	389.85	XT39	XT39	28.38	14,770.18		CONV	SANAD
13	Hydro-Mechanical Jar	NPJ	4.75	1	4.75	2.25	30.4	269.12	XT39	XT39	77	11,343.863			GE-DJ-00031
12	Heavy Weight Drillpipe (HWDP)	RIG	4.875	4	4.875	2.55	122.01	238.72	XT39	XT39	28.38	9,003.063		CONV	SANAD
11	Crossover	RIG	4.75	1	4.75	2.25	2.75	116.71	XT39	NC38	49.1	5,540.419			SANAD
10	PBL (Multiple Activation By Pass)	CRW	5	1	5	2.5	20.3	113.96	NC38	NC38	23	5,405.394			DVBC1177
9	Float Sub	SDM	4	1	4	2.25	2.7	93.66	NC38	NC38	14	4,938.494			4575
8	Float Sub	SDM	4	1	4	2.25	2.9	90.96	NC38	NC38	14	4,900.694			AOTC-1084
7	FIlter Sub	SDM	4.75	1	4.75	2.125	6.02	88.06	NC38	NC38	15	4,860.094			475-8001
6	Logging While Drilling (LWD)	SDM	4.75	1	4.75	2.25	23.32	82.04	NC38	NC38	54.94	4,769.794			B1295
5	Stabilizer	SDM	5.875	1	4.75	2.25	1.5	58.72	NC38	NC38	15	3,488.593			OFS-10486
4	Measurement While Drilling (MWD)	SDM	4.75	1	4.75	2.25	33.65	57.22	NC38	NC38	50	3,466.093			ZC591131
3	Crossover	SDM	4.75	1	4.75	2.25	2.39	23.57	NC38	NC38	44.7	1,783.593			514640-1
2	RSS	SDM	6	1	4.75	3.64	20.62	21.18	NC38	3 1/2" REG	80	1,676.76			75445045
1	Bit	HTC	6.125	1	6.125	1.25	0.56	0.56	3 1/2" REG		48.5	27.16			7913415

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	WINDY	N/A	SEASONAL	3,858	EACH TOUR

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	GDF	MJH	ASH	MH2	SDM	HUD	RIG	ARM	SCM	MI2	BST	OTH	WSC	ARM	CRW
Category	CTRG	RIG	DFMS	SEC	FLD	H2S	LWD	MPD	OTHR	OTHR	PCS	SCS	SFS	VAC	WTERLN	WSC	WBCS
No. of Persons	18	40	2	4	14	1	3	4	12	3	3	1	1	2	2	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	0	12	24	24	12	12	12	0	12	24	12	24	24	24

Total
114

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
E-958 PICK-UP	CAMP DIESEL: 61 BBLS	GASOLINE: 52.6 BBLS	DIESEL FOR MUD = 335 BBLS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
400	N/A	770	23	4	1950

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HRDH-662 WORKOVER-5 BI-60

12/08/2025 - 01/28/2026

NA-393S @ HRDH-662 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NA-393S
Well: HRDH-662
Wellbores: (0-3-1) HRDH_662_4

Charge #: (71-25058-0662)
Wellbores: (0-3-1) HRDH_662_4

Objective : (RE-ENTER, DE-COMPLETE, SIDETRACK THE WELL IN ONE HOLE SIZE AS PRE-SET FOR UBCTD, COMPLETE WELL.)

Foreman(s): BOUDERBALA, ABDELKRIM / ATTA, IBRAHIM ABDELFATTAH
Engineer: SHAHID, BASSAM IEJAZ / ALAM, SAHEB
Manager: ABU RASAIN, AMER MANE

THURAYA	RIG FORMAN VSAT	FAX VSAT
0882167771 1383	576-5784	880-5187
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
CLERK 577- 9614	NABORS 804 -9605	

Last 24 hr operations
P/T TCA & TBG , SET S/LINE BARRIER & SET BPV, N/D BOP, N/U MLMV / TREE. RETR. BARRIERS, FINAL DRIFT, SET BPV, RIG RELEASE.

Next 24 hr plan
RIG DOWN ON HRDH-662 & RIG MOVE TO HRDH-1138.

Location
285 KM FROM DMG, FOLLOW HARADH HIGHWAY PASS BRIDGE TO YABREEN ROAD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,691	4 1/2	14688	14688				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14691	40.5 (12/18/2025@1700)	100	0	285	285

Formation Tops

Formations	Top Depth	Comments
KFDA	12,779	
BKDC	13,334	
UNZA	13,415	29' DEEPER
UBCU	13,650	4' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-3-1	EOW	C	COMP	PTST	TBG	RIG	14691	14691			SLB PRESSURE TEST TCA IN STAGES TO 5000 PSI WITH OPEN TBG SIDE, HOLD FOR 30 MIN, OK, BLED OFF. - VOL PUMPED/RETURNED: 9 BBLS.
0600 - 0700	1	0-3-1	EOW	C	COMP	PTST	TBG	RIG	14691	14691			LINE UP TO TBG SIDE, SLB PRESSURE TEST TBG IN STAGES TO 5000 PSI WITH OPEN TCA SIDE, HOLD FOR 30 MIN, OK, BLED OFF. - VOL PUMPED/RETURNED: 3.3 BBLS.
0700 - 1100	4	0-3-1	EOW	C	COMP	SET	PLUGN	SPL	14691	14691	2515	2515	HPJSM, R/U SAPESCPO SLICKLINE & PERFORM THE FOLLOWING: > RUN #1 - RIH BRUSH & CLEAN 3.688" R-NIPPLE @ 2515' > RUN #2 - RIH & SET "PR" PLUG BODY INSIDE THE R-NIPPLE > RUN #3 - RIH CHECK SET TOOL, PERFORM PULL TEST TO 1200 LB & CONFIRMED PLUG SET > RUN #4 - RIH & SET PRONG INSIDE "PR" PLUG > P/T TO 500 PSI - OK > R/D SAPESCO S/L
1100 - 1200	1	0-3-1	EOW	C	COMP	HT	PEL	MSD	14691	14691			R/D AL-MASOOD POWER TONG AND HANDLING TOOLS, L/D FOSV & 4-1/2" LANDING JOINT W/ LANDING SUB.
1200 - 1300	1	0-3-1	EOW	C	WH	SET	BPV	ARM	14691	14691			INSTALL 4" BPV IN TBG HGR.
1300 - 1830	5.5	0-3-1	EOW	C	BOP	ND	BOP	RIG	14691	14691			HPJSM, N/D 13-5/8" CLASS"A" 10 M BOPE & RELATED EQUIPMENT. > BARRIERS IN PLACE: 4-1/2" CEMENTED LINER (+VE & -VE TESTED) + PR PLUG AT 2515 FT + BPV.
1830 - 2000	1.5	0-3-1	EOW	C	WH	NU	WH	GEP	14691	14691			N/U 4-1/16" 10M VG TBG BONNET W/LMMV, TESTED FLANGE NECK VOID TO 7500 PSI WITH MLMV IN OPEN POSITION FOR 10 MIN, HOLD, OK, BLED OFF. - 4-1/16" 10K VG LMMV SN# AT53274825 PN# H483272-1H203 REV.K
2000 - 2130	1.5	0-3-1	EOW	C	WH	NU	TREE	GEP	14691	14691			N/U 4-1/16" 10M VG TREE WITH 3-1/16" 10M HYDRAULIC VALVE. - 4-1/16" 10K VG X-TREE SN#AT47022572 PN# H456683-1H203 REV.G
2130 - 2200	0.5	0-3-1	EOW	C	WH	SET	BPV	ARM	14691	14691			RETREIVED 4" BPV & INSTALLED 4" TWCV.
2200 - 2300	1	0-3-1	EOW	C	WH	PTST	TREE	GEP	14691	14691			PRESSURE TEST VG 10M X-MASS TREE TO 300 PSI LOW & 10 K PSI HI FOR 15 MIN/EA, HOLD, OK, BLED OFF.
2300 - 2330	0.5	0-3-1	EOW	C	WH	SET	BPV	ARM	14691	14691			RETRIEVE 4" TWCV.
2330 - 0330	4	0-3-1	EOW	C	COMP	DTU	DRFT	SPL	14691	14691			HPJSM, R/U SAPESCO SLICK LINE EPQT, PERFORM FOLLOWING: - RIH & RETRIEVE PR PLUG (2RUN). - RIH W/ 3.625" GAUGE CUTTER FOR FINAL DRIFT TO 14250FT (50 DEG INC). - R/D S/L EQPT.
0330 - 0400	0.5	0-3-1	EOW	C	WH	SET	BPV	ARM	14691	14691			INSTALLED 4" BPV INSIDE VG TBG HANGER.
0400 - 0459	1	0-3-1	EOW	C	BOP	OTH	BOP	RIG	14691	14691			SECURE WELL HEAD, JET & CLEAN CELLAR. CHECK TCA AND ALL CCA PRESSURES (0 PSI). INSTALL BLIND FLANGES, INSTALL WELL NAME PLATE, COMPLETE RIG RELEASE CHECKLIST. - CCA 18-5/8" X 13-3/8" - 0 PSI. - CCA 13-3/8" X 9-5/8" - 0 PSI. - TCA 4-1/2" X 9-5/8" - 0 PSI.

LIMITED MORNING REPORT

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HRDH-662 WORKOVER-5 BI-60

12/08/2025 - 01/28/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0459 - 0459	0	0-3-1	EOW	S	OT	RELS	NA	RIG	14691	14691			CONCLUDED OPERATIONS ON HRDH-662, RELEASED RIG AT 05:00AM ON 01/28/2026 & MOVE TO WELL HRDH-1138. - ACTUAL DAYS: 40.5 DAYS VS TARGET DAYS: 42 DAYS. - WELL DELIVERED: 1.5 DAYS AHEAD. - LOST TIME DAYS: 3.38 DAYS, BAKER MOTOR LOST DIFFERENTIAL PRESSURE WHILE CLEAN OUT 4-1/2" LANDING COLLAR. - LOST TIME KPI: 8.04 % - TOTAL OPERATIONS DIFFICULTIES DAYS: 3.34 DAYS, HAD TIGHT SPOT INTO 7" LINER WHILE RIH WITH 7" WHIPSTOCK.

Workover Objectives

Foreman Remarks

=====ODF CORRECTION=====
> ORKB - RKB = 0.89 FT.
> OBJECTIVES
TO RE-ENTER, DE-COMPLETE, SIDETRACK THE WELL FROM 7" LINER AND DRILL ONE HOLE SIZE AS PRE-SET FOR UBCTD INSIDE UNZC RESERVOIR. THE WELL WILL BE COMPLETED WITH HALLIBURTON 10K 4-1/2" XTREMEGRIP CEMENTED LINER AND HALLIBURTON 10K RATCH LATCH MONOBORE COMPLETION.
===== ERP-STAGING AREA =====
> ERP POSTED IN ARAMCO FOREMAN OFFICE; EMERGENCY CONTACT NUMBERS VERIFIED.
> STAGING AREA #1: N: 23.95374 E: 49.05478, DISTANCE FROM WELL CENTER (0.73 KM) NORTH-EAST.
> STAGING AREA #B: N: N: 23.94529 E: 49.05766, DISTANCE FROM WELL CENTER (0.65 KM) SOUTH-WEST.
> SKID ROAD ENTRANCE 3.5 KM NW N: 23.96273 E: 49.04003
> RELIEF WELL: HRDH-1218, N: 2650512.29 E: 301465
========== SAFETY ==========
PRE-TOUR SAFETY MEETINGS (3); WEEKLY SAFETY MEETINGS: (0); STOP CARDS (15); PTW: (6); JSA: (8); NEAR MISS (0); INCIDENTS: (0); DRILLS: PIT DRILL (0); TRIP DRILL (0); H2S MUSTER DRILL (2); FIRE PUMP DRILL (0);SWAD (0); ACCUMULATOR DRILL (0); MAN DOWN DRILL (0); FIRE DRILL (0); H2S RESCUE (0);BOP FUNCTION TEST (0); RADIATION DRILL - SOURCE LOST & LEAK (0); SECURITY DRILL (0); OIL SPILL DRILL (0)
MEETING TOPICS DISCUSSED :
SAFETY TOPICS : HSE ALERT # 08-26 - ROUSTABOUT ANKLE TWISTED
HAND & FINGER SAFETY CAMPAIGN - WEEK#22

===== ARAMCO PERSONNEL ON LOCATION=====
> ARAMCO PDP FOREMAN FAISAL ALBULAYHID ID#786026 ON LOCATION SINCE 1/18/2026.
> ARAMCO SR MCO TURKI AL-ENAZI #745403 ON LOCATION SINCE 01/24/2026.
> MATERIAL COORDINATOR: SALEM ALHAJRI ID#8697397 ON LOCATION SINCE 1/26/2026

=====MUD COST OPTIMIZATION=====
> RECIEVED 400 BBL OF 145 PCF OBM F/ NBR-575S
> RECIEVED 1,700 BBL OF 98 PCF INNOVERT OBM F/ SND-2013
> RECIEVED 300 BBL OF 125 PCF OBM F/ SND-2013
> TRANSFER 500 BBLS OF 99 PCF WBM T/ PA70S
> TRANSFER 500 BBLS OF 99 PCF WBM T/ SND-2002
> RECIEVED 250 BBL OF 96 PCF OBM F/ SP-98
> RECIEVED 250 BBL OF 118 PCF OBM F/ SP-98
> RECEIVED 620 BBLS 95PCF BRINE FROM NBR-575
> TRANSFERED 500 BBLS 133PCF TO NA-128S
==========SAUDIZATION=====
> SAUDIZATION: 83%.
=====SANAD SENIOR MANAGEMENT RIG VISIT===>
===== SERVICE COMPANY PERSONNEL & TOOLS ===
> OES MUD ENGINEER ON LOCATION.
> BAROID MUD ENG ON LOCATION SINCE 12/22/2025.
> EXLOG MUD LOGGING CREW ON LOCTION SINCE 12/27/2025
> HAL LINER ENG ON LOCATION 1/11/26
> SCH CEMENTING CREW & EQPTS ON LOCATION 1/11/26
> AL MASAOOD EQPT & CREW ON LOCATION 1/12/26
> VG WH ENG ON LOCATION ON 1/14/2026 @17:00
> SAMAA ENG ON LOCATION ON 1/15/2026
===== NEXT WELL ===
> LAST UPDATE IN NEXT WELL ON 01-06-2026
1) HRDH-1138 : KHUFF-C PRESET ONE HOLE SIZE, PRE-WORKOVER MEETING HELD ON 12/29/2025, STRIP OUT NOT REQUIRED, LOCATION 95%, WOCP RUNNING.
2) HRDH-981 : KHUFF-C PRESET ONE HOLE SIZE, PRE-WORKOVER MEETING HELD ON 11/24/2025, STRIP OUT NOT DONE, LOCATION 0 %, WOCP RUNNING.
3) UTMN-2239: UNZ-C PRESET ONE HOLE SIZE, PRE-WORKOVER MEETING HELD ON 11/03/25, STRIP OUT NOT DONE, LOCATION 0%, WOCP RUNNING.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-3-1	14,691	65	266	0	14,197	164.45	-349.6	1,267.54	2.23

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	ACCUMULATOR DRILL	NORMAL	N/A	COLD	5,170	OPERATION TWICE A DAY

PERSONNEL AND SERVICES INFORMATION

Company	SWK	HCO	RIG	OES	MJH	ZTS	RIG	ARM	ARM	GEP	Total
											89

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LIMITED MORNING REPORT

HRDH-662 WORKOVER-5 BI-60

12/08/2025 - 01/28/2026

	Category	CTRG	PSSC	RIG	DFMS	SEC	FILT	OTHR	OTHR	WSC	WHES
	No. of Persons	15	1	41	1	8	4	11	5	2	1
	Personnel on Loc. Hrs.	24	2	24	24	24	2	24	24	24	24
	Operating Hours.	0	2	24	12	24	2	12	12	24	12

TRUCKS/BOATS

Standby/Tankers
e859

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	100	498	235	20	350

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

VSAT TO FOREMAN COMPUTER EITHRNET NOT WORKING MOST OF THE DAY, PHONE CALL VOICE NOT CLEAR.

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LIMITED MORNING REPORT

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SDGM-1381 DEVELOPMENT DRILLING BI-60

12/28/2025 - 02/28/2026

NBR-115S @ SDGM-1381 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig NBR-115S Well SDGM-1381 Wellbores: (0) SDGM_1381_0	Charge #: (66-25054-1381) Wellbores: (0) SDGM_1381_0	Objective : (MMK-1 PRESET TO 5 FT TVD INTO KFBC.)	Foreman(s) ZAHRANI, NAWAF MOHAMMED / YAMANI, ABDULAZIZ AHMED Engineer OTAIF, SHEHAB MAHMOUD Manager SHEHRI, ABDULLAH NAEM

THURAYA	RIG FORMAN VSAT	FAX VSAT
0088-21677 712116	574-7873	880-5237

CONTRACTOR /CLERK VSA T: 572-6095

Last 24 hr operations	Next 24 hr plan
DRILL 12" SECTION	DRILL 12" SECTION TO 9-5/8" CP AT 11,048' (30' IN BJDM)

Location	Next Location
TAKE RIGHT TO NGL. TAKE RIGHT AGAIN AND GO 4 KM STRAIGT TILL SIGNBOARD. TAKE LEFT TO SKID ROAD.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,550	13 3/8	4738	4738				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7080	17.9 (01/10/2026@0700)	100	1,470	109	108

Formation Tops

Formations	Top Depth	Comments
BYDH	4,450	ON DEPTH
MDTM	5,095	26 FT SHALLOW
SULY	5,740	5 FT SHALLOW
HITH	6,230	3 FT DEEP
ABAR	6,700	21 FT SHALLOW
ABBR	6,820	1 FT DEEP
ABCR	6,945	4 FT SHALLOW
HNIF	7,880	28 FT SHALLOW

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	12	N	DRLG	D	TDS	RIG	7080	7200			ROTARY DRILLING 12" HOLE SECTION WITH 83 PCF WBM & FULL RETURNS. - PUMP HI VIS PILLS AS NEEDED. - FOLLOW BASELINE GAS WELLS INTEGRATED VERTICAL HOLE CONNECTION PRACTICES. - FLOW CHECK E/CONNECTION. - PUMP 50 BBLS DRILL AND SEAL EVERY 45 FT.
0700 - 0730	0.5	0	12	N	DRLG	CIRC	MPMP	RIG	7200	7200			CIRCULATE HOLE TO UNLOAD CUTTINGS BEFORE ENTERING ARAB-D.
0730 - 0459	21.5	0	12	N	DRLG	D	TDS	RIG	7200	8550			ROTARY DRILLING 12" HOLE SECTION WITH 83 PCF WBM & FULL RETURNS. - PUMP HI VIS PILLS AS NEEDED. - FOLLOW BASELINE GAS WELLS INTEGRATED VERTICAL HOLE CONNECTION PRACTICES. - FLOW CHECK E/CONNECTION. - PUMP 50 BBLS DRILL AND SEAL EVERY 45 FT.

Foreman Remarks

SDGM-1381 IS AN MMK-1 PRE-SET WELL TO BE DRILLED IN THE SOUTH-WEST OF SDGM TARGETING KHUFF-B RESERVOIR. THE WELL WILL BE DRILLED TO TOTAL DEPTH AT 13,202 FT MD/ 12,784 FT TVD (5 FT TVD INTO KFBC/KB-3) TOWARD 134 DEG AZI AND 60 DEG INCLINATION.

=====ARAMCO PERSONNEL=======
- MATERIAL EXPEDITOR HAMAD ALHABES #8341694 ON LOCATION 01/14/2026.
- ARAMCO PDP ZIAD ALDUSARI #810302 OFF LOC SINCE 01/26/2026.
- NGGDD FCT ABULLAH AL DOSSARY #796626 ON LOCATION SINCE 01/23/2026.
- PDP HOT-1 ABDULLAH ALQAHTANI# 813982 ON LOCATION SINCE 01/23/2026.
- NGGDD HSEC MATHEW KOSHY #7080091 ON LOC SINCE 01/08/26.
=====SERVICE PERSONNEL========
- RAWABI MUD ENGINEER ON LOC SINCE 11/07/2025.
- KASAB TELEDRIFT ON LOC SINCE 01/12/2026 @ 20:00 HRS.
- GEOLOG MUD LOGGING CREW ON LOCATION 01/24/2026 @ 17:00 HRS.
- REED BIT RUNNER ON LOCATION 01/23/2026.
=====SAFETY===============
PROCEDURE OF THE WEEK : JOURNEY MANAGEMENT AND ROAD SAFETY.
LESSON LEARNED OF THE WEEK (OPERATIONS / HSE ALERT): ANKLE INJURY WHILE RIH.
WEEKLY FOCUS AREAS AUDIT CHECKLIST: CRITICAL SAFETY FOCUS AREAS- LEADERSHIP ACCOUNTABILITY.
HSE ALERT 6-26 ANKLE INJURY WHILE RIH.
HSE ALERT 7-26 CATEALK RAMP LIFTING POINT FAILURE.
* DRILLS: NA.
* NEAR MISS: 0 YTD.
============== RIG SHORTAGE==========
NA
============== RIG VISIT=============
NA
============== RENTAL TOOLS==========
- 9" COUGAR JAR SN: DJ6-900-079 ON LOCATION 22-JAN-26 AT 18:00 HRS
- 8-1/2" CORETRAX SN: DVBB5-1079, CC1B1164 ON LOC 23-JAN-26 AT 04:00 HRS.
============== VACUUM TANKERS===========
NA
==== ==========NEXT LOCATION==============
- SDGM-1374 90% READY.
- WW SDGM-969/970.

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SDGM-1381 DEVELOPMENT DRILLING BI-60

12/28/2025 - 02/28/2026

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DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
83 PCF	1	3API	4	0 Volts	4.22	9.4	59,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
148	10.4HTHP	81	26	0	8 / 9	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	1	34	15	7 / 8	7	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
83 PCF	1	3.6API	4	0 Volts	4.34	9.6	54,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
145	12HTHP	84	28	0	9 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	1	35	12	8 / 9	7	320	0

MUD TREATMENT

BARITE	BENT	CAUST	SODASH	MICA-CRSE	BCTRN	DUOVIS-NS
9 (5000L)	1 (2500L)	5 (50LBP)	4 (100LB)	54 (55LB)	6 (5GL)	2 (50LB)
MRBL-M	**MRBL-F**	**NACL**	**PENETREX**	**ME-LUBE**	**GEM-GP**	**FLO-TROL**
6 (2200L)	2 (2200L)	6 (2200L)	8 (55GL)	13 (55GL)	4 (55GL)	72 (25KG)
PACLV	**MAX-GUARD**	**HYDROSURE**	**FLC2000**	**ARC-FIBER-M**	**ARC-FIBER-F**	**MICA-FINE**
120 (25KG)	2 (55GL)	2 (100LB)	40 (25KG)	30 (25KG)	28 (25KG)	38 (55GL)
SLTX	**BLKN**					
72 (50LB)	2 (55GL)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4	4,760	8,550	DP Av	DC Av	Bit HHP	40	120	M423	12	REED
Pressure	**GPM**	**Jet Vel**	204.7	306.63	350	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,250	950	253				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S324911	TK76M4D	7 x 15 /	1.208							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	70	320	325	320	15,000		70
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5.5	1	5.5	4.67	31	1,346.22	XT54	XT54	24.7	43,558.445	CYX105	PREM	
16	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	455	1,315.22	XT54	XT54	54	42,792.745		CONV	
15	Crossover	RIG	8.375	1	8.375	3	2.47	860.22	6 5/8 REG	6 5/8 FH	0	18,222.745			NAF82332
14	Heavy Weight Drillpipe (HWDP)	RIG	6.625	6	6.625	4	180	857.75	6 5/8 FH	6 5/8 FH	82.748	18,222.745		CONV	
13	Crossover	RIG	8.25	1	8.25	2.875	2.45	677.75	NC46	6 5/8 REG	0	3,328.105			115211
12	Drillcollar	RIG	8.25	3	8.25	3	90	675.3	6 5/8 REG	6 5/8 REG	0	3,328.105		SPRL	
11	Hydraulic Jar	CTC	8.15	1	8.15		30.83	585.3			0	3,328.105			DJG90079
10	Drillcollar	RIG	8.25	15	8.25	3	450	554.47	6 5/8 REG	6 5/8 REG	0	3,328.105		SPRL	
9	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20.45	104.47	NC50	NC50	27.7	3,328.105			DVBB51079
8	Roller Reamer	RIG	12	1	8.5	2.813	8.89	84.02	6 5/8 REG	6 5/8 REG	0	2,761.64		3 POINT	HDH-VD30597
7	Non Magnetic Drill Collar (NMDC)	KSB	9.5	1	9.5	3.5	14	75.13	7 5/8 REG	7 5/8 REG	0	2,761.64			P691
6	Measurement While Drilling (MWD)	KSB	8	1	9.5		14	61.13			197.26	2,761.64			P954
5	Non Magnetic Drill Collar (NMDC)	KSB	9.5	1	9.5	3.5	14	47.13	7 5/8 REG	7 5/8 REG	0	0			P1029
4	Roller Reamer	RIG	12	1	8.5	2.813	8.73	33.13	6 5/8 REG	6 5/8 REG	0	0		3 POINT	HDH-5422726-18
3	Pony Collar	RIG	8.25	1			15	24.4			0	0			S1019159
2	Near Bit Roller Reamer	RIG	12	1	12	2.813	8	9.4	6 5/8 REG	6 5/8 REG	0	0		3 POINT	2218486
1	Bit	REED	12	1	12		1.4	1.4				0			S324911

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	HEAVY	NA	COLD	3,183	PRETOUR

PERSONNEL AND SERVICES

Company	RTC	SWK	RIG	RO4	KSB	TUB	CTC	RO1	RIG	ARM	OTH	ARM	Total
													75

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LIMITED MORNING REPORT

SDGM-1381 DEVELOPMENT DRILLING BI-60

12/28/2025 - 02/28/2026

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INFORMATION

Category	BITS	CTRG	RIG	DFMS	ISS	ISPCT	JST	MLS	OTHR	OTHR	VAC	WSC
No. of Persons	1	14	44	1	2	4	0	2	1	3	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	0	24	24	24	24	24
Operating Hours.	0	0	12	12	12	12	24	12	0	12	10	12

TRUCKS/BOATS

Standby/Tankers
dh-0141

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	806	198	120	6851

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HMYM-411014 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/02/2026

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NBR-16S @ HMYM-411014 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-16S
Well: HMYM-411014
Wellbores: (0) HMYM_411014_0

Charge #: (87-25710-7864)
Wellbores: (0) HMYM_411014_0

Objective : (HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB).)

Foreman(s): PARIHAR, SURAJ / DERDEZI, HOUCEM
Engineer: ALAHMED, FAHAD TAREQ
Manager: ALMERZA, HUSSAIN RADHI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
882-167-77 1-2587	577-6136	577-6139

Last 24 hr operations
RSS DRILL 8-1/2" LATERAL SECTION TO TD @ 20,106 FT, SWEEP & CHC, POOH W/ 8 1/2" SPERRY RSS BHA.

Next 24 hr plan
POOH & L/D W/ 8 1/2" SPERRY RSS BHA,PEFORM HANGER DUMMY RUN, R/UP CRT & RUN 5-1/2" LONG STRING CASING.

Location
F/ DAMMAM, ROUTE 615 ON SALWA COASTAL RD FOR 57 KM. RIGHT ON UQAIR ROAD & FOLLOW SKID RD SIGNS 6 KMS

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
20,106	9 5/8	7460	7460				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15200	20 (01/08/2026@0500)	100	56	82	100

Formation Tops

Formations	Top Depth	Comments
DMMM	348	28 FT SHALLOWER
RUS	732	2 FT DEEPER
UMER	1,128	24 FT SHALLOWER
NARM	2,162	48 FT SHALLOWER
LAMS	2,650	127 FT DEEPER
AHMD	5,144	17 FT DEEPER (5142 FT TVD)
SFNY	5,549	2 FT SHALLOWER
SHUB	6,240	6 FT DEEPER
BYDH	6,582	7 FT DEEPER
MDTM	7,413	11 FT DEEPER
SULY	7,907	1 FT SHOLLOWER
HITH	8,410	8 FT SHOLLOWER
ABAR	8,830	APP
ABBR	8,923	9 FT SHALLOW
ABCR	9,009	15 FT SHALLOW
ABDR	9,192	10 FT SHALLOW
JUBL	9,367	59 FT SHOLLOWER
JBSR	10,025	3 FT SHOLLOWER
HNIF	10,359	8 FT SHOLLOWER
HNFA	10,509	12 FT SHOLLOWER
HNFB	10,565	9 FT SHOLLOWER
HNFC	10,676	8 FT SHOLLOWER
HNFD	10,749	9 FT SHOLLOWER
TQMA	10,833	8 FT SHOLLOWER
TQMB	10,968	8 FT SHOLLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	8 1/2	N	DRLG	D	RSS	SPS	20050	20106			SPERRY RSS ROTARY DRILL 8-1/2" LATERAL SECTION W/96 PCF OBM & 100% CIRCULATION. > WOB: 35-50 KLBS, RPM: 140-150, TQ: 18-27 KLBS.FT, FR: 520-540 GPM, SPP: 3500-3650 PSI. > SURVEY AT TD 8' ABOVE & 4.3' RIGHT OF PLAN, C-C 9.1'
0545 - 0615	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	20106	20106			RIG SERVICE
0615 - 1145	5.5	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	20106	20106			PERFORM CLEAN UP CYCLES WITH HI-WEIGHT SWEEPS AS PER SWEEP TOOL. > TAKE SCRS. > CONFIRMED 96 PCF MW IN AND OUT. > SHAKERS ARE CLEAN.
1145 - 1215	0.5	0	8 1/2	N	DRLG	OTH	NA	RIG	20106	20106			FLOW CHECK. STATIC,
1215 - 1245	0.5	0	8 1/2	N	DRLG	TO	STDP	RIG	20106	20106	20106	19633	POOH SLOWLY/FREELY 5 STDS FROM BTM.
1245 - 1315	0.5	0	8 1/2	N	DRLG	OTH	NA	RIG	20106	20106			FLOW CHECK. STATIC,
1315 - 2130	8.25	0	8 1/2	N	DRLG	TO	STDP	RIG	20106	20106	19633	11200	POOH W/ 8 1/2" SPERRY RSS BHA W CONTROLLED SPEED ON ELEVATOR ACROSS LATERAL SECTION TO LANDING PT. > RUN TRIP TANK ALL THE TIME. > USED RIG TONGS FOR OVER TORQUED CONNECTIONS.
2130 - 2245	1.25	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	20106	20106			SWEPT WELL AND CIRCULATE HOLE CLEAN AT LP.
2245 - 2300	0.25	0	8 1/2	N	DRLG	WCNT	NA	RIG	20106	20106			FLOW CHECK. STATIC.
2300 - 0030	1.5	0	8 1/2	N	DRLG	TO	STDP	RIG	20106	20106	11200	10026	POOH W 8 1/2" SPERRY RSS BHA AT CONTROLLED SPEED ON ELEVATORS ACROSS CURVE SECTION.
0030 - 0330	3	0	8 1/2	N	DRLG	BR	STRG	RIG	20106	20106	10026	8950	BACKREAM AT CONTROLLED SPEED ACROSS CURVE SECTION. > USED RIG TONGS FOR OVER TORQUED CONNECTIONS.
0330 - 0415	0.75	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	20106	20106			

LIMITED MORNING REPORT

HMYM-411014 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/02/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													CIRCULATE 1 BOTTOM UP.
0415 - 0445	0.5	0	8 1/2	N	DRLG	WCNT	NA	RIG	20106	20106			PERFORMED FLOW CHECK 6 STANDS ABOVE KOP, WELL STATIC.
0445 - 0459	0.25	0	8 1/2	N	DRLG	TO	STDP	RIG	20106	20106	8950	8840	BACKREAM W/ 8 1/2" SPERRY RSS BHA ACROSS VERTICAL HOLE SECTION, 100% RETURN. - ATTEMPT TO PULL ON ELEVATOR ENCOUNTERED TIGHT SPOT AT 8940 FT.

Foreman Remarks

HMYM-411014 IS 2ND WELL ON HMYM-4110 PAD TO BE DRILLED BY NBR-16S AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 25 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 20,285 FT. MD / 10,361 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 9,400 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 21.5 DAYS.

========== ERP-STAGING AREA==========
> ERP POSTED IN ARAMCO FOREMAN OFFICE & EMERGENCY CONTACT NUMBERS VERIFIED
> STAGING AREA A: DISTANCE FROM WELL CENTER 1.5 KMS NE
> STAGING AREA B: DISTANCE FROM WELL CENTER 2.5 KMS SW
> H2S: 3% MOLE
> RELIEF WELL: N/A
> NEAR BY RIGS OR FACILITIES: DAILY COMMUNICATIONS REQUIRED BETWEEN NBR-16 RIG, AND SP-93 WELL AS ANY OTHER RIG THAT MIGHT BECOME PRESENT WITHIN THE 30 PPM RER. GAS MONITORING STATIONS CONNECTED TO THE ALARM SYSTEM MUST BE INSTALLED/PRESENT BETWEEN NBR-16 AND SP-93.

==========JOURNEY MANAGEMENT==========
PRIOR TO EXITING BLACKTOP ONTO SKID ROAD ALL MUST CALL ARAMCO CLERK. PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE, & EMERGENCY CONTACT. NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.

==========RIG VISITS==========

========== =======ARAMCO PERSONNEL==========
> ARAMCO MATERIAL EXPEDITOR ADBULKARIM ALJIBREEN ID #8702598 ON LOCATION 12/21/2025.
> ARAMCO MATERIAL EXPEDITER RUMI ALSUWAYT #8732249 ON LOCATION 01/17/2026.

==========SAFETY==========
> SOC: 15
> PTW: 6
> REVIEWED JSA: 6
> INDUCTION: 4
> DRILLS: 1
> SWAD: 0
> NEAR MISS: 0
> INCIDENT: 0
> S.W.A: 4
> HAZARD HUNT: 0
> STAR: 3
> SOC IN SLS: 0
> HSE ALERTS: FINGER INJURY DURING TORQUE MACHINE OPERATION.

==========IN HOUSE AUDITS & EXTERNAL AUDITS==========
> IN HOUSE AUDITS:
- 1ST QUARTER IHA : TOTAL FINDINGS: 240, ALL CLOSED.
- 2ND QUARTER IHA : TOTAL FINDINGS: 122, ALL CLOSED.
- 3RD QUARTER IHA : TOTAL FINDINGS: 157, CLOSED: 155, OPEN: 2.

> EXTERNAL AUDITS:
> LPD AUDIT 2026: TOTAL FINDINGS :27, CLOSED 21, OPEN:6.
> RHSEI: TOTAL FINDINGS :48, CLOSED 48, ALL CLOSED.
> WCEI: TOTAL FINDING: 11, ALL CLOSED.

==========RENTAL TOOLS==========
> NOV 6-1/2" HDAJ W/ XT-54 CONN SN# CW-4043906-3 ON LOCATION 1/17/2026. P/U ON 1/19/2026 @ 9:00.

==========WATER CONSUMPTION ==========
> WATER SERVICES INCLUDING PUMPS & FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HMYM-847 & HMYM-845 TO SITE 2705 THEN FROM SITE 2705 TO RIG.

==========WELLSITE SERVICE==========
> AL-SALOMI SPRAY TANKER DRSS 3000370198 JAN 2026
> AL-SALOMI VACUUM TANKERS 3000370200 & 3000374293 JAN 2026
> AL-SALOMI GARBAGE TRUCK 3000370199 JAN 2026

==========WELL INFO==========
> 18 5/8" CSG SET @ 773 FT MD/TVD.
> 13 3/8" CSG SET @ 5,189 FT MD/TVD.
> 9-5/8" CSG SET @ 7,460 FT MD/TVD.
> PLANNED 5-1/2" LONG STRING COMPLETION @ 20,106 FT MD / 10,362 FT TVD.

==========NEXT WELLS==========
> HMYM-411002

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	20,060	90.3	167.16	62	10,439	-2930.68	817.94	9,982.55	0.28
0	20,106	90.2	167	46	10,439	-2944.34	821.08	10,028.5	0.42

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HMYM-411014 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/02/2026

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MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	4	0API	60.8	640 Volts	13.9	0	25,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	7.2HTHP	14.6	22	0	10 / 16	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	0	26	24.6	8 / 10	0	16,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	4	0API	59.6	854 Volts	16	0	24,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	8HTHP	11.7	23	0	15 / 21	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
66	0	32	28.7	11 / 12	0	16,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	4	0API	60.8	685 Volts	14	0	25,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	7.2HTHP	14.6	21	0	11 / 17	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	26	24.6	9 / 10	0	16,000	0

MUD TREATMENT

CAOH2	DURATONE	S-SCAV S	BARITE
40 (25KG)	18 (55LB)	10 (40LB)	9 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
6RR	7,470	20,106	DP Av	DC Av	Bit HHP	48	150	S323	8.5	SEC
Pressure	**GPM**	**Jet Vel**	303.46	N/A	137	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,680	520	199				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
14353148R	GT65RHS1	3 x 13 / 3 x 14	0.84							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	143	240	290	220	26,000		143
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5.5	0	5.5	4.67	0	367.82	XT54	XT54	24.7	94,696.757	CYX105	PREM	
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	184.69	367.82	XT54	XT54	52.51	94,696.757		CONV	
10	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	33.07	183.13	XT54	XT54	2,400	84,998.685			CW2989673-4
9	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	92.25	150.06	XT54	XT54	52.51	5,630.685		CONV	
8	Crossover	RIG	6.25	1	6.25	2.625	2.65	57.81	XT54	NC50	0	786.638			6982-27
7	Float Sub	SPS	6.781	1	6.781	2.875	2.25	55.16	NC50	NC50	0	786.638			13650677
6	Float Sub	SPS	6.875	1	6.75	2.25	3.13	52.91	NC50	NC50	0	786.638			13678290
5	Stabilizer	SPS	6.75	1	6.75	3.125	6.68	49.78	NC50	NC50	95.82	786.638			11163344
4	FIlter Sub	SPS	6.812	1	6.75	3	6.67	43.1	NC50	NC50	0	146.56			13024515
3	Measurement While Drilling (MWD)	SPS	6.75	1	6.75		9.16	36.43			16	146.56			11286653
2	RSS	SPS	6.75	1	6.75		26.65	27.27			0	0			IC0635
1	Bit	SEC	8.5	1	8.5		0.62	0.62				0			14353148R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	N/A	CALM	N/A	WINTER	1,099	EACH TOUR

PERSONNEL AND SERVICES INFORMATION

Company	GOS	SPS	RIG	BAR	RIG	ARM	OTH	SAP	ARM	ITS
Category	CTRG	DPDS	RIG	DFMS	OTHR	OTHR	VAC	WTERLNE	WSC	CSR
No. of Persons	19	4	46	10	15	2	1	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	12
Operating Hours.	0	24	24	24	12	12	10	24	24	0

Total
102

TRUCKS/BOATS

Standby/Tankers	Others
aramco truck c029	sanad ambulance

LIMITED MORNING REPORT

HMYM-411014 EXPLORATION DRILLING BI-1514

01/03/2026 - 02/02/2026

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	454	531	24	3620

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

> LEO SATELLITE NOT WORKING. COMPUTER NOT COMPATIBLE.

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LIMITED MORNING REPORT

Username: YUAYANAL
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JLMN-53 EXPLORATION DRILLING-1 BI-1514

01/27/2026 - 02/27/2026

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NBR-20S @ JLMN-53 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-20S
Well: JLMN-53
Wellbores: (0) JLMN_53_0

Charge #: (82-25714-1391)
Wellbores: (0) JLMN_53_0

Objective : (U | COMPLETE/RE-COMPLETE IN SAME RSVR: INITIAL COMPLETION WITH WORKOVER RIG OR RECOMP WITHIN SAME RSVR)

Foreman(s): ABOELHAMD, MOHAMED ABOELHAMD / ALI, HOSSAM SAAD MOHAMMED
Engineer Manager: ABDULLATIF, ASHRAF AHMED / GARNI, HUSAM MANSOUR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12893	011-285-85 30	011-285-85 31

CONTRACTOR /CLERK VSA T: 8049640

Last 24 hr operations: R/D ON JLMN-25, RIG MOVE AND R/UP ON JLMN-53

Next 24 hr plan: R/D ON JLMN-25, RIG MOVE AND R/UP ON JLMN-53

Location: 1150 KM DHAHRAN MAIN GATE, 70 KM FROM ARAR ON TURAIF HIGHWAY, RIGHT 85 KM SKID ROAD

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,800	4 1/2	13780	13780				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13800	0 (@)		0	1142	1,150

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	RD	NA	RIG	3518	3518			HELD PRE-JOB SAFETY MEETING WITH ALL PERSONNEL ON SAFETY DURING RIG DOWN OPERATIONS. * WORK PERMIT FOR EACH HEAVY LIFTING, ELECTRICAL & SIMILAR OPERATION. * CONFIRMED VALID CERTIFICATES FOR RIG MOVERS THROUGH ITD, SPSP CERTIFICATE VERIFICATION AND TRACKING SYSTEM ========== R/D EQUIPMENT & PREPARE LOADS FOR MOVING. OPERATIONS DETAILS: RIG DOWN ON JLMN-25= 35% RIG MOVE TO JLMN-53= 10% RIG UP ON JLMN-53 = 5%. ========== ACTIVITIES ON JLMN-25 > R/D, R/M AND R/U MAIN CAMP IN NEW LOCATION. > HPJSM, LOWERED RIG FLOOR. > INSTALLED MAST LOWERING CYLINDERS. > HPJSM, LOWERED MAST. > REMOVED MAST LOWERING CYLINDERS. > R/D TDS SERVICE LOOP. > R/D AIR TAGGERS & MAN RIDERS. > R/D MONKEY BOARD. > R/D AND CLEANING MUD TANKS...ONGOING. > GENERAL HOUSEKEEPING...ONGOING. ========== DAILY MOVED LOADS: 36 (SANAD: 36, ARAMCO: 00) MOVED LOADS: 36 (SANAD: 36, ARAMCO: 00) ========== > RIG MOVE EQUIPMENT & PERSONNEL: - 5 X CRANES. - 2 X FORKLIFTS. - 2 X WINCH TRUCKS. - 1 X SUPER TRUCK. - 9 X FLATBED TRUCKS - 19 X HYDRAULIC TRUCKS - 9 X LOW BED TRUCKS. - 2 X AMBULANCES. - 2 X RIGGER-1 - 2 X TRUCK PUSHER

Foreman Remarks

THE SCOPE OF THE JLMN-53 WORKOVER IS TO DE-COMPLETE AND RE-COMPLETE THE WELL WITH VM-95-13CRSS, 4-1/2" 13.5#, VAM TOP-HC TUBING AND INVERTED PBR AND DAP PACKER BY:

*RETRIEVE EXISTING 4-1/2" (13.5#, VM-95-HCSS, VAM TOP-HC) PRODUCTION TUBING
* PERFORM CORROSION AND CBL/VDL LOG INSIDE 9 5/8" CASING.
*RE-COMPLETE THE WELL WITH NEW 4-1/2" (13.5#, VM95-13CRSS, VAM TOP-HC) TUBING.

==========BACKGROUND AND WELL HISTORY==========
JLMN-53 WAS DRILLED TO EVALUATE THE GAS POTENTIAL OF CHANNEL SANDSTONE OF SARAH FORMATION. DRILLING OPERATIONS WERE COMPLETED AND THE RIG WAS RELEASED ON MAY 26TH, 2018. JLMN-53 WAS DRILLED TO A TOTAL DEPTH OF 13,800 FT MD AND COMPLETED WITH 4-1/2" CEMENTED LONG-STRING MONO-BORE COMPLETION. THE WELL WAS PRODUCING FROM CASED HOLE PERFORATED INTERVAL (13,360 FT - 13,515 FT). LAST REPORTED DRIFT TAG WAS AT 13,631 FT UTILIZING A 3.6" GAUGE CUTTER. THE WELL WAS SHUT-IN DUE TO HIGH PRESSURE IN THE TCA. NO NOISE OR LEAK DETECTION LOG WAS RUN.

========== JOURNEY MANAGEMENT ==========
RIG LOCATION & JOURNEY MANAGEMENT: 1,150 KM FROM DHAHRAN MAIN GATE. 70 KM FROM ARAR TOWARDS TURAIF, TURN RIGHT 85 KM SKID ROAD. FOLLOW SIGN BOARDS . CALL : 0112858531.

LIMITED MORNING REPORT

JLMN-53 EXPLORATION DRILLING-1 BI-1514

01/27/2026 - 02/27/2026

========== ARAMCO PERSONNEL ==========
* ARAMCO CLERK AKBAR KHAN #8524376 ARRIVED ON LOCATION SINCE 09-OCT-2025.
========== RENTAL TOOLS ==========
RENTAL TOOLS: 0
========== RENTAL EQUIPMENT ==========
1 X AL-FUWAILEH SPRAYER TANKER ON DRSS# 3000370343, PLATE # 2782 LBA , ON LOCATION FROM 10/18/25 @ 10:30 HRS

========== SAFETY ==========
PLEASE SEE THE BELOW DAILY HSE UPDATE FROM RIG NBR-20S

DAYS SINCE LOSS TIME INJURY (DSLTI): 647 DAYS.
** JSA REVISED: 00, JSA REVIEWED: 13, PTW: 13
** TOTAL SOCS: 10, SAFE ACT: 0, UNSAFE ACT: 04, SAFE CONDITION: 2 UNSAFE CONDITIONS:4
** LAST 3 IHAS (LAST AUDIT:11/14/2025): TOTAL=398 (CLOSED 385, OPEN 13 (0 P1, 7 P2 & 6 P3).
** RHSEI AUDIT: TOTAL= 42 (OPEN 0, CLOSED 42).
** WC AUDIT: TOTAL=22 (OPEN 0, CLOSED 22).
** 4TH QTR 3-MCI INSPECTION: TOTAL=47 (OPEN 0, CLOSE 47)
** DRILLS: 00
** NEAR MISS CARD: 00

========== CASING/TUBING DETAILS ==========
18-5/8", 115#, K-55, BTC @ 683 FT
13-3/8", 61#, J-55, BTC @ 3,482 FT
9-5/8", 53.5#, TN95, NK3 @ 9,682 FT MD (ID = 8.535")
4-1/2" LONG STRING (CEMENTED), 13.5#, VM-95HCSS, VAM TOP HC @ 13,780 FT MD (ID = 3.92")
R-NIPPLE @ 2,450 FT MD (MIN ID = 3.688")
THEORETICAL TOC @ 8,682 FT MD.
(PUMPED 272 BBL OF 118 PCF CEMENT, FULL RETURNS, BUMPED PLUG).
SETTLED BARITE TOP WILL BE SHALLOWER AT +- 6,433 FT (ASSUMING 100% BARITE SETTLING).
PERFORATION'S DEPTH = 13,360 FT - 13,515 FT
TWO (EZSV) PLUGS: 1ST PLUG @ 13,260 FT DF, 2ND PLUG @ 12,210 FT DF
THE WELL SECURED WITH BPV
==========
CREW SHORTAGE: 0
========== ARAMCO VEHICLE ==========
ARAMCO TRUCK E803 ON LOCATION.
==========
WATER WELL: JLMN-822 , FLOWMETER S/N: 10230676

** WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY PURE LINE**.

**3 X PURELINE CREW ON LOCATION, RELEASED ON JANUARY 25TH, 2026.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	1,256	2

PERSONNEL AND SERVICES INFORMATION

Company	SWK	RIG	BDF	RIG	RIG	ARM	OTH	ARM	OTH
Category	CTRG	RIG	DFMS	MED	OTHR	OTHR	VAC	WSC	RENT
No. of Persons	14	49	1	2	57	1	1	2	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	12	12	12	10	24	12

Total
130

TRUCKS/BOATS

Standby/Tankers
E-803

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	825	89	60	1000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

FDHL-615 WORKOVER-2 BI-60

09/12/2025 - 02/12/2026

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NBR-210S @ FDHL-615 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-210S
Well: FDHL-615
Wellbores: (0-1-2-1) FDHL_615_4

Charge #: (71-25018-0615)
Wellbores: (0-1-2-1) FDHL_615_4

Objective : (TO PLUG OLD LATERAL & SIDETRACK DUAL LATERALS TO SUPPORT OIL PRODUCERS IN THE WESTERN FLANK.)

Foreman(s): HAIGUANG, TIAN / ABDALLA, AMR IBRAHIM / OTHMAN, ABDULAZIZ KHALED
Engineer Manager: ALZAHRANI, SHAIG HASSAN / ALOTAIBI, SROOR TURKI AKBAR, HUSSAIN QASSIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 188	577-3954 F OREMAN	577-9360 S AFETY ADVI SOR

CONTRACTOR /CLERK VSA T: 577-3978 C LERK

Last 24 hr operations: CONT RIH WFD 4 1/2" OFF BOTTOM LINER, CEMENT LINER, CHC.

Next 24 hr plan: POH & L/D LINER SETTING TOOL, P/U & RIH 9 5/8" RBP & RTTS ASSY, CHANGE BOP RAMS.

Location: FDHL-615
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,776	9 5/8	6305	6305	7	5,800	11,805	9,845

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15776	128.3 (09/21/2025@2230)	90	0	125	125

Formation Tops

Formations	Top Depth	Comments
BUWB	6,528	TVD - 6524FT
YAMM	6,928	TVD - 6899FT
SULY	7,439	TVD - 7307FT
HITH	8,223	TVD - 7823FT
ABAR	8,780	TVD - 8167FT.
BAAR	8,851	TVD - 8228FT
ABBR	8,892	TVD - 8254FT
BABR	8,966	TVD - 8301FT
ABCR	9,065	TVD - 8360FT
BACR	9,185	TVD - 8441FT
ABDR	9,388	TVD - 8570FT
AD2	9,444	TVD - 8606FT
AD3	9,489	TVD - 8634FT
AD4	9,639	TVD - 8724FT
JUBL	10,045	TVD - -8988FT.
HNIF	10,097	TVD - 9023FT.
HDRR	10,656	TVD - -9400FT.
BHDR	11,009	TVD - 9617FT.
UFDR	11,134	TVD - 9677FT
BUFR	11,269	TVD - 9735FT.
DHRM	11,318	TVD - 9751FT.
LFDR	11,728	TVD - 9843FT.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1400	9	0-1-2-1	6 1/8	N	CSG	RCSG	HGRL	WLH	15776	15776	3500	11300	RIH WFD 4 1/2" OBL ASSY ON 4" HWDP/DP TO 11,300' (114 FT ABOVE WINDOW). >> FILL UP EVERY 10 STANDS AS PER WFD HAND. >> ALL 4"DPS& 4"HW ARE DRIFTED AS PER WFD HAND. >> MONITOR WELL ON TRIP TANK, 50 BBL/HR STATIC LOSSES.
1400 - 1500	1	0-1-2-1	6 1/8	N	CSG	CIRC	MPMP	RIG	15776	15776			CIRCULATED 1.2 VOLUME OF LINER THEN SPOT 200 BBLS OF 79 PCF BRINE LOADED WITH 3 % LUBRICANT. RECORD LOSSES WHILE CIRCULATION = 150 BPH WITH 160 GPM.
1500 - 1630	1.5	0-1-2-1	6 1/8	N	CSG	RCSG	HGRL	WLH	15776	15776	11300	12301	WFD ENGINEER RECORDED STRING PARAMETERS, PRECAUTIONARY RIH IN 6 1/8" OPEN HOLE TO 12,301 FT. STATIC LOSSES WHILE RIH = 50 BPH.
1630 - 1830	2	0-1-2-1	6 1/8	N	CSG	CIRC	MPMP	RIG	15776	15776			CIRCULATED HOLE CLEAN AT 12,301' (4 1/2" OBL SETTING DEPTH) AS PER WFD WITH 160 GPM & PRESSURE = 490 PSI. RECORD LOSSES WHILE CIRCULATION = 200 BPH WITH 160 GPM.
1830 - 2030	2	0-1-2-1	6 1/8	N	CSG	SET	HGRL	WLH	15776	15776	11305	11305	DROP SETTING BALL 1.25" FOR LINER SETTING, P/U & M/U WFD CMT HEAD. PUMP 20 BBLS HI VIS AND CIRCULATING TO CHASE THE BALL - PRESSURE UP TO 1,700 PSI. HELD PRESSURE 5 MIN AND SET LINER DOWN WITH LINER WT + 50 KLBS. PRESSURE UP TO 2,900PSI - HELD 5 MIN TO SET OH PACKERS. PRESSURE UP TO 3,000PSI - HELD 10 MIN TO CONFIRM FULL SETTING OF OH PACKERS. PRESSURE UP TO OPEN THE STAGE COLLAR TOOL AT 3,550PSI. ESTABLISHED CIRCULATION AT 2 BPM = 430PSI. ROTATE CLOCKWISE 8 ROUNDS & RELEASED RUNNING TOOL, P/U 1.5 FT CONFIRMED TOOL FREE. >> P/U WT 189 KLBS, S/O 158 KLBS, LINER WT = 10 KLBS, SLACK OFF 30 KLBS ON LINER HGR.
2030 - 2100	0.5	0-1-2-1	6 1/8	N	CSG	PJSM	LINR	RIG	15776	15776			HOLD PRE JOB SAFETY MEETING WITH RIG CREW AND ALL INVOLVED PARTIES FOR CMT JOB.
2100 - 2130	0.5	0-1-2-1	6 1/8	N	CSG	PTST	MPMP	RIG	15776	15776			R/U CMT SURFACE HARD LINES AND CONNECTED TO CMT HEAD. FLUSH LINES AND PERFORMED PRESSURE TEST 300 PSI / 4,000 PSI 10 MIN EACH.

LIMITED MORNING REPORT

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FDHL-615 WORKOVER-2 BI-60

09/12/2025 - 02/12/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
2130 - 2230	1	0-1-2-1	6 1/8	N	CSG	CIRC	MPMP	RIG	15776	15776			CIRCULATE HOLE WHILE TAQA CMT UNIT BATCH MIXING REQUIRED CMT SLURRY. MONITOR WELL WHILE CIRCULATION, NO LOSSES WITH 130 GPM.
2230 - 0030	2	0-1-2-1	6 1/8	N	CSG	CMC	LINR	SJC	15776	15776			LINED UP TO TAQA CMT UNIT AND STARTED PERFORMING 4 1/2"LINER CMT JOB AS PER PLAN: >> PUMPED 100 BBLS/ 86 PCF SPACER + 11 BBLS/ 112 LEAD CEMENT + 21 BBLS/ 118 PCF TAIL CEMENT + WFD DROP DART. >> PUMPED 30 BBLS / 86 PCF SPACER + 100 BBLS/ 79 PCF BRINE. >> DART LANDED AT 1600 PSI AND PRESSURE UP TO 3100 PSI TO CLOSE STAGE TOOL. >> BLEED OFF GRADULLAY AND CONFIRMED NO RETRUNS. >> 42 BBL/HR DYNAMIC LOSSES DURING CMT JOB. >> P/U 8 FT AND SET LINER TOP PACKER: S/O IN STAGES TO 60 KLBS & HELD 5 MIN. >> P/U 28 FT TO PLACE END OF STINGER 1 FT ABOVE PBR.
0030 - 0230	2	0-1-2-1	6 1/8	N	CSG	CIRC	MPMP	RIG	15776	15776			PERFORM NORMAL CIRCULATION WITH 280 GPM TILL SHAKER CLEAN. >> DUMP 119 BBLS CONTAMINATED SPACER & BRINE + 137 BBLS CONTAMINATED CEMENT, SPACER AND BRINE.
0230 - 0400	1.5	0-1-2-1	6 1/8	N	CSG	CIRC	MPMP	RIG	15776	15776			CLOSE BOP, PERFORM REVERSE CIRCULATION AT 200 GPM.
0400 - 0445	0.75	0-1-2-1	6 1/8	N	CSG	HT	PEL	RIG	15776	15776			R/D CMT MANIFOLD AND SUFRACE CMT HARD LINES, HOUSEKEEPING RIG FLOOR.
0445 - 0459	0.25	0-1-2-1	6 1/8	N	CSG	CIRC	MPMP	RIG	15776	15776			FLOW CHECK FOR 15 MIN, WELL STATIC.

Workover Objectives

Foreman Remarks

> NBR-210S RKB-TBG SPL= 26.74FT; ODF CORRECTION: -7.7FT; ALL DEPTHS REFER TO ODF.

==========WINDOW DATA==========
>> L-0-1: 9-5/8" CASED HOLE WINDOW TOP @ 6,305FT & WINDOW BOTTOM @ 6,319 FT. PLUG & ABANDON. 6 1/8"HOLE.
>> L-0-1-1: 7" CASED HOLE WINDOW TOW: 11485FT, BOW: 11498FT.
>> L-0-1-2: 7" CASED HOLE WINDOW TOW 11,414FT, BOW 11,423FT.
>> L-0-1-2-1 6-1/8" H.SECTION TIE-IN @ 12,458'FT.
==========DIRECTIONAL DATA & MTR - MWD==========
- FDHL-615_L-1-2-1 (PWP) REV (D-0) UPDATED 8 JAN, 2026.
- BKR RSS ATK/ OTK/ SDN/ TVD BHA
- BIT TO SENSORS: NBI = 5.29', NB GR = 10.8', DENSITY = 18.21', AZI = 10.47', NEUTRON = 27.05', GR = 32.77', PRESS = 35.4', RES = 39.96', DIR = 45.93'.

==========ARAMCO PERSONNEL==========
- ARAMCO MATERIAL EXP FADEL ALHADARI #821409 ON LOCATION SINCE 19 JAN 2026.
- MATERIAL EXPEDITOR ALHAJRI, NASSER #8106599 ON LOCATION SINCE 22 JAN 2026.
- ARAMCO MATERIAL EXP SADEQ ALIBRAHIM #821433 ON LOCATION SINCE 26 JAN 2026.
==========THIRD PARTY PERSONNEL/EQUIPMENT==========
>> SCOMI MUD ENGINEER ON LOCATION.
>> SLB MUD ENGINEER ON LOCATION.
>> SINOPEC H2S DETECTION.
>> NOV 4-3/4" HD-JAR #PSDJ0475-0014 ON LOCATION ON 23-JAN-26 @ 18:30.
>> NAPESCO 1 EA 6-1/8" DOG LEG REAMER SINCE 12/23/2025.
>> SAMAA 9 5/8" SCRAPER #WBS9-101668 & 7" SCRAPER #WBS7-71693 ON LOCATION 1/23/2026.
>> HALLIBURTON 9 5/8" RTTS & RBP ON LOCATION 1/26/2026.
>> WFD LINER ENGINEER.
>> TAQA CMT EQUIPMENT & CREW.
>> SAPESCO TRS EQUIPMENT & CREW.
========== NEXT WELLS ==========
>> FDHL-102: KOM DONE ON 10/12/2025; READINESS (100% FIELD SERVCES & 100% WELLSITE).
>> FDHL-100: KOM DONE ON 10/12/2025; READINESS (100% FIELD SERVCES & 0% WELLSITE).
>> ABHD-177: KOM DONE ON XX/XX/2025; READINESS (0 % FIELD SERVCES & 0% WELLSITE).
>> ABHD-184: KOM DONE ON XX/XX/2025; READINESS (0 % FIELD SERVCES & 0% WELLSITE).
>> ABHD-137: KOM DONE ON XX/XX/2025; READINESS (0 % FIELD SERVCES & 0% WELLSITE).
==========WATER / VACUUM TANKERS==========
>> 6 VACCUM TANKERS ON LOCATION.
>> 16 WATER TANKERS ON LOCATION.
========== HSE ==========
>> SHARED & DISCUSSED HSE ALERT # 08-26 (ROUSTABOUT ANKLE TWISTED), #09-26 (TRUCK ROLLOVER), #10-26 (FIRE AND PROPERTY DAMAGE IN ACCOMMODATION).
>> SHARED & DISCUSSED EXT 1-26 (WELL CONTROL LESSON).

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	0	0API	0	0 Volts	0	9	276,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	0	0	6	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
79 PCF	0	0API	0	0 Volts	0	9	278,000

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LIMITED MORNING REPORT

FDHL-615 WORKOVER-2 BI-60

09/12/2025 - 02/12/2026

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FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt	
0	0HTHP	94	0	0	0 / 0	WBM-CAC	0	
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total	
50	0	0	6	0 / 0	0	0	0	

MUD TREATMENT

OXYGON	RADIAGREEN	UTG-XG	CACL2-80	CAOH2	BCTRN	BARITE
5 (100LB)	6 (55GL)	30 (55LB)	110 (2200L)	10 (55LB)	7 (5GLD)	10 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
14RR	11,712	15,707	DP Av	DC Av	Bit HHP	10	130	M332	6.125	REED
Pressure	GPM	Jet Vel	193.66	N/A	14	I-Row	O-Row	DC	Location	Bearings
1,880	170	121				1	1	WT	A	0
Serial Numi	Type	Jets	TFA							
S287122	TK63M1A	3 x 14 /	0.451							
Gauge	Other	POOH Reas								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	380	176	233	140	10,000		12
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	TOURLY	NW 11 - 21 KM/H	N/A	SEASONAL 19 - 28 DEG	3,531	PRE-TOUR/ PJSM

PERSONNEL AND SERVICES INFORMATION

Company	HCB	BFW	SWK	RIG	GDF	SMI	MJH	ASH	SNS	WLH	RIG	ARM	SJC	SPR	OTH	ARM	SWT
Category	BRCR	WMFE	CTRG	RIG	DFMS	DFMS	SEC	FLD	H2S	LHES	OTHR	OTHR	PCS	PRS	VAC	WSC	WTSE
No. of Persons	2	1	15	50	1	1	8	16	2	2	7	4	3	4	3	3	1
Personnel on Loc. Hrs.	12	12	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	12	12	0	12	12	24	12	12	4	6	12	12	0

Total 123

TRUCKS/BOATS

Standby/Tankers
ARAMCO P/U B-833

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	467	N/A	N/A	550

REPAIR ASAP

Instrumentation	Other
RIG RADIO RN# INC000046786609	

Reporter

Computer, Communication & V-Sat Issues

CAR RADIO INSTALLATION / RELOCATION REQUEST APPROVAL NUMBER: 2025035123 MATERIAL EXPEDITOR MONITOR ISSUES RN# INC000046640141

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LIMITED MORNING REPORT

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HWYH-1461 DEVELOPMENT DRILLING BI-60

11/25/2025 - 02/16/2026

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NBR-304S @ HWYH-1461 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-304S
Well: HWYH-1461
Wellbores: (0) HWYH_1461_0

Charge #: (66-25053-1461)
Wellbores: (0) HWYH_1461_0

Objective : (IT IS PLANNED TO BE DRILLED AS A MK-1 PRE-SET WELL TARGETING KHFC RESERVOIR AS A PRIMARY TARGET)

Foreman(s) HASSANI, FOUAD / ALKATHIRI, FAISAL SAUD
Engineer ZAKI, HASAN
Manager MARRY, MOHAMMAD JABER

THURAYA	RIG FORMAN VSAT	FAX VSAT
0088-216-7 77-12718	013-577-39 05	013-875-61 73

CONTRACTOR /CLERK VSA T: 013-577-39 19

Last 24 hr operations	Next 24 hr plan
DRILL AHEAD 5-7/8" HS	CONT. DRILL AHEAD 5-7/8" HS WITH SLB RSS/MWD TO TD @ +/- 12,865' MD (5' INTO KFCC).

Location	Next Location
THE WELL LOCATED 0.566 KM S25W OF HWYH-22 AND 0.796 KM S82E OF HWYH-325, (1 KM EAST HF-HRDH HIGHWAY)	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,712	9 5/8	9985	9985	7	9,595	11,759	11,705

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11762	48.6 (12/10/2025@1530)	100	291	206	220

Formation Tops

Formations	Top Depth	Comments
BJDM	9,960	57' SHALLOWER
MDJR	10,249	N/A
SUDR	11,047	13' DEEPER
SDDM	11,340	15' DEEPER
KHFF	11,749	134' DEEPER
KFAR	11,800	110' DEEPER
KFBR	12,049	180' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0430	23.5	0	5 7/8	N	DRLG	D	RSS	SDM	12421	12712			DRILL 5-7/8" DEVIATED HOLE SECTION USING SLB RSS/LWD WITH 101 PCF INNOVERT OBM & 100% RETURNS. > FOLLOW SAUDI ARAMCO INTEGRATED HORIZONTAL DRILLING PRACTICES. > SPOT 40 BBLS SEALING PILL PRIOR EACH CONNECTION. > RECORD SURVEY EACH STAND 30 FT OFF BTM. > FOLLOW SEALING STRATEGY.
0430 - 0459	0.5	0	5 7/8	N	DRLG	RR	TDS	RIG	12712	12712			RIG SERVICE TDS, INSPECT FOR POSSIBLE DROPPED OBJECTS.

Foreman Remarks

HWYH-1461 IS PLANNED TO BE DRILLED AS A MK-1 PRE-SET WELL TARGETING KHFC RESERVOIR AS A PRIMARY TARGET, WILL BE COMPLETED WITH 4-1/2" 15K CEMENTED LINER.
==========
ARAMCO PERSONNEL:
> ARAMCO ME SAEED ALMUTLAQ #816274 ON LOCATION 1/21/2026.
> ARAMCO ME ABDULAZIZ M ALOFI #820723 OFF LOCATION 1/14/2026.
> ARAMCO PDP MOHAMAD AL-SHANQITI #813822 ON LOCATION 1/21/2026.
> ARAMCO FCT MOHAMMAD ALDURAYWISH #765638 ON LOCATION 1/14/2026.
> ARAMCO DOECD FCC - WASIM AKRAM SHAIK # 8621227 ARRIVED ON LOCATION SINCE 27TH JAN 2026 FOR WCEI.
==========
SERVICE COMPANYS ON LOCATION:
> OES MUD ENG ON LOCATION.
> BAROID MUD ENG ON LOCATION.
> EX-LOG MUD LOGGING ON LOCATION.
> REED BIT MAN ON LOCATION.
> SLB MWD AND DD ON LOCATION
==========
HSE:
PROCEDURE TOPIC OF THE WEEK # 4 (25 JAN TO 31 JAN 2026)
1) PROCEDURE OF THE WEEK: JOURNEY MANAGEMENT AND ROAD SAFETY
2) LESSON LEARNT / HSE ALERT: ANKLE INJURY WHILE RIH
3) WEEKLY FOCUS AREAS AUDIT CHECKLIST: CRITICAL SAFETY FOCUS AREAS- LEADERSHIP ACCOUNTABILITY

* ADC-48 (DURING RIG MOVE, IP SUSTAINED AN INJURY IN HIS PINKY FINGER WHILE OFFLOADING MAN RIDER WINCH).
* SND-2017 (DRILLER CLOSE PIPE RAMS ON FIBER OPTICS LINE BY MISTAKE DUE TO FALSE H2S ALARM).
* ADES-144 (DURING RIG MOVE, IP SLIPPED AND FELL NEAR SHOWER CABIN WHICH CAUSED A FINGER INJURY)
* SINO-19L (WHILE ATTEMPTING TO CLIMB THE FLATBED TRUCK, IP FELL BACKWARDS, RESULTING IN INJURY TO HIS ARM)
* SP-29 (FORKLIFT INCIDENT; WHERE THE FORKLIFT TIPPED OVER WHILE REMOVING DIRT BEHIND THE RIG CAMP)
* PA-604S (IP SUSTAINED A MINOR CUT TO HIS EYEBROW WHILE ASCENDING THE STAIRS TOWARDS THE MUD TANKS)

> DRILLS CONDUCTED: NONE.
> NEAR MISS: NONE.
==========
RENTAL TOOLS:
> 4-3/4" HYDRO-MECH JAR S/N: 1670065-3 ON LOCATION 01/18/2026 09:30 HR
> 5" CORETRAX PBL SUB S/N #DVBC0096/CC1C1058 ON LOCATION 01/24/2026 19:00 HR
==========
NEXT WELL: HWYH-1388 READY 100%.
ASSIGNED WATER WELLS: HWYH-810 / HWYH-3543.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	12,485	60.44	267.98	95	12,191	8.81	-162.01	532.33	4.38

LIMITED MORNING REPORT

HWYH-1461 DEVELOPMENT DRILLING BI-60

11/25/2025 - 02/16/2026

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Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	12,578	62.87	268.17	93	12,235	7.98	-186.94	613.89	2.62

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
101 PCF	1	0API	59.5	640 Volts	5.3	0	25,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	1.6HTHP	16	16	0	10 / 12	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
75	0	40	24.5	6 / 7	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
101 PCF	1	0API	59.5	635 Volts	5.3	0	25,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	1.6HTHP	16	15	0	9 / 11	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
72	0	39	24.5	6 / 7	0	0	0

MUD TREATMENT

LESUPERMUL	CACO3-5	BARACRB150	BDF 513	FACTANT	MRBL-F	CAOH2
1 (55GL)	90 (55LB)	70 (50LB)	4 (50LB)	1 (55GL)	2 (2200L)	20 (50LB)
BARITE	**STELSEALFN**	**STELSL50**				
2 (5000L)	40 (55LB)	60 (55LB)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
8	11,762	12,712	DP Av	DC Av	Bit HHP	10	138	M432	5.875	REED
Pressure	**GPM**	**Jet Vel**	304.46	N/A	58	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,850	230	190				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S323954	SK711M1A	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	80	255	265	245	2,900		4
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	4						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
23	Drillpipe	RIG	5.5	1	5.5	4.67	30	3,663.42	XT54	XT54	24.7	52,567.847	XD105	PREM	
22	Crossover	RIG	5.75	1	5.75	2.5	2.39	3,633.42	NC38	XT39	1	51,826.847			304-1
21	Drillpipe	RIG	4	105	4	3.24	3,306	3,631.03	VX39	VX39	14	51,824.457	G105	PREM	
20	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.562	60.92	325.03	XT39	XT39	25.1	5,540.457		CONV	
19	Hydro-Mechanical Jar	NOJ	4.75	1	4.75		25.88	264.11			1	4,011.365			380-47662
18	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.56	91.78	238.23	XT39	XT39	25.16	3,985.485		CONV	TALLY
17	Crossover	RIG	4.75	1	4.75	2.25	2.69	146.45	XT39	NC38	1	1,676.3			304-3
16	PBL (Multiple Activation By Pass)	CRW	0	1			19.84	143.76			1	1,673.61			380-47662
15	Float Sub	SDM	5	1	5	2.125	2.27	123.92	NC38	NC38	0	1,653.77			ITS340815
14	FIlter Sub	SDM	4.844	1	4.844	2.25	6	121.65	NC38	NC38	1	1,653.77			475-8023
13	Float Sub	SDM	5	1	5	2.125	1.66	115.65	NC38	NC38	0	1,647.77			6159-5
12	Component Not listed	SDM	0	1			4.7	113.99			1	1,647.77			1013
11	Non Magnetic Drill Collar (NMDC)	SDM	4.875	1	4.875	2.25	30.77	109.29	NC38	NC38	0	1,643.07		SPRL	C0581
10	Component Not listed	SDM	0	1			1.5	78.52			0	1,643.07			AOTC-N-0097
9	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		32.3	77.02			50	1,643.07			ZC86955X
8	Component Not listed	SDM	0	1			2.52	44.72			0	28.07			MNB53193-04
7	Component Not listed	SDM	0	1			5.87	42.2			0	28.07			NMNB53863-06
6	Component Not listed	SDM	0	1			2.67	36.33			0	28.07			POFS-19955
5	Component Not listed	SDM	0	1			5.09	33.66			0	28.07			SN1
4	Stabilizer	SDM	5.875	1	4.75	2.25	1.76	28.57	NC38	NC38	1	28.07			AOTC-N-0097
3	RSS	SDM	4.75	1	4.75		13.56	26.81			1	26.31			N000432
2	Component Not listed	SDM	0	1			12.75	13.25			1	12.75			N000184
1	Bit	REED	5.875	1	5.875		0.5	0.5				0			S323954

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LIMITED MORNING REPORT

HWYH-1461 DEVELOPMENT DRILLING BI-60

11/25/2025 - 02/16/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	N/A	NORMAL	N/A	COLD	3,441	TWO TIMES DAILY

PERSONNEL AND SERVICES INFORMATION

Company	RTC	SWK	SDM	RIG	BAR	OES	MJH	XLG	RIG	ARM	SUD	ARM
Category	BITS	CTRG	DPDS	RIG	DFMS	DFMS	SEC	MLS	OTHR	OTHR	OTHR	WSC
No. of Persons	1	15	2	36	1	1	8	4	17	3	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	24	24	24	12	12	12	24

Total
91

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
ARAMCO F047	AMBULANCE	COASTER BUS	NABORS PICK UP	MECHANIC TRUCK

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	1000	695	295	20	1750

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

RYDA-1 EXPLORATION DRILLING BI-3300

01/17/2026 - 10/11/2026

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NBR-575S @ RYDA-1 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-575S
Well: RYDA-1
Wellbores: (0) RYDA_1_0

Charge #: (75-24889-0001)
Wellbores: (0) RYDA_1_0

Objective : (WELL EXPLORATION)

Foreman(s): MOTAWEE, IBRAHIM ATTIA
Engineer: IBRAHIM, YASSER KHOLAIF SABRA / TURAIKHEM, ABDULLAH SALMAN
Manager: HARBI, MAGBEL MENAWER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 11371	013-577969 7	013-577960 9

Last 24 hr operations: R/U ON TO RYDA-1.

Next 24 hr plan: R/U ON TO RYDA-1.

Location: 388 KM F/DMG TO RIG- NBR-575S, 310 KM TO SALWA ROUNDABOUT,30 KM ON ARM BLACK TOP, 48 KM SKID ROAD.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	304	388

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	PRE	N	RM	PJSM	NA	RIG	0	0			1.DISCUSSED THE ALERT-08/26-ROUSTABOUT ANKLE TWISTED 2.WATCH FOR YOUR STEPS AND UNEVEN SURFACES 3.WATCH FOR POTENTIAL PINCH POINT AREAS 4.STAY CLEAR FROM SUSPENDED LOAD 5.100% TIE OFF WHEN WORKING AT HEIGHTS 6.STAY CLEAR FROM THE SUSPENDED LOAD WHEN SPOOLING DRILL LINE ON THE MAST
0530 - 1800	12.5	0	PRE	N	RM	RU	NA	RIG	0	0			MOVE DETAILS: * RIG RELEASED ON 16TH JAN 2026 @21:00 HRS FROM UTMN-2368. * MOVE DISTANCE 388 KM (SKID ROAD 48 KM). * DAYS SINCE RIG RELEASE: 10.13 DAYS. * DISMANTLED MAST: YES. * CROSS HIGHWAY: YES. ========== RIG UP ACTIVITIES ON RYDA-1: - STRIP ON STRIP LINE ON TRAVELING BLOCK TO CROWN AND THE END TO DWKS, FOLLOWING WITH DRILLING LINE. - CONNECT MAST RISING LINE TO BLOCK. - PREPARE AND SECURING DERRICK MAN COUNTER WIGHT AND CONNECT LINES. - R/UP CANRIG HOUSE. - R/UP MONKEY BOARD. R/UP DUG HOUSE. ** TANDEM LIFTS ALLOWED IN DAY TIME ONLY. ========== - R/D AT UTMN-2368: 100 %. - R/M TO RYDA-1: 100 %. - R/U ON RYDA-1: 60 %. - EXPECTED SPUD ON 4 FEB-2026 ========== RIG MOVE EQUIPMENTS & PERSONNEL: - 03 RIGGER I, 04 TRUCK-PUSHER. - 07 CRANES, 02 FORKLIFT. - 82 TRUCKS: 48 LOW BED TRUCKS + 32 HIGH BED TRUCK + 03 WIRE RACK + 01 SUPER TRUCK + 01 WINCH TRUCK. ========== - TOTAL PLANNED RIG LOADS: 271. - PRE MOVE LOADS: 00. - TODAY // TOTAL MOVED LOADS: 0//271. ========== - UTMN-2368 SECURED WITH 4-1/2" BPV (GWS) ON 1/16/2026
1800 - 0459	11	0	PRE	N	RM	RU	NA	RIG	0	0			WAIT ON DAYLIGHT FOR TANDEM LIFTS.

Foreman Remarks

GAS-WILDCAT IN RYDA,TD 16,368 FT MD/TVD (168 FT INTO QASIM FORMATION). THE PRIMARY OBJECTIVE IS TO EVALUATE THE ARAB-D, UPPER FADHILI, UNAYZAH A2, AND SARAH RESERVOIRS. THE SECONDARY TARGETS ARE LOWER FADHILI, KHUFF B, KHUFF C, KHUFF D, AND UNAYZAH A RESERVOIRS.
WATER WELL RYDA-801
-==========CASING SETTING DEPTH ==========
- PLANNED 36"" CSG SET AT 200', (200' CONDUCTOR)/ ACTUAL:XXX FT (PLANNED 66 PCF SPUD MUD).
-PLANNED 30" CSG SET AT 701', (50' INTO RUS CONDUCTOR)/ ACTUAL: XXX FT (PLANNED 66 PCF SPUD MUD).
-PLANNED 24" CSG SET AT 2729', (50' INTO LAMS)/ ACTUAL: XXX FT (PLANNED 66 PCF SPUD MUD).

LIMITED MORNING REPORT

RYDA-1 EXPLORATION DRILLING BI-3300

01/17/2026 - 10/11/2026

-PLANNED 18-5/8" CSG SET AT 6862', (50' INTO MDTM)/ ACTUAL: XXX FT (PLANNED 72 PCF MUD).
- PLANNED 13-3/8" CSG SET AT 11078', (30' INTO BJDM)/ ACTUAL: XXXX (PLANNED 86 PCF WBM).
- PLANNED 9-5/8" CSG SET 13414',(200' INTO KFDA)/ACTUAL:XXXXX' (PLANNED 105 PCF WBM).
- PLANNED 7" LINER SET AT 15248', (50' INTO QIUSB MEMBER)/ ACTUAL: XXXX', (PLANNED 105 PCF OBM).
- PLANNED 4-1/2" LINER SET AT 16368', (168' INTO QASM)/ ACTUAL: *****', TOL XXXX', PBTD AT XXX' (PLANNED 111 PCF OBM).
================================== ====PERSONNEL ======================================
** EDD ARAMCO MATERIAL EXPEDITER AHMED ALKHALAF #816179 ON LOCATION SINCE 01/27/2026.
** EDD HSE ADVISOR RAMON PALMARIA # 8999440 ON LOCATION SINCE 01/27/2026 FOR PRE SPUD AUDIT & PRE-ACCEPTANCE SUPPORT.
**EDD FCT ADBULLAH AL-ALI # 795550 ON LOCATION SINCE 01/27/2026 FOR PRE SPUD AUDIT & PRE-ACCEPTANCE SUPPORT

==========SERVICE PERSONNEL==========

========== ====RENTAL TOOLS ==========

==========JOURNEY MANAGEMENT PLAN ==========
> CREATE JOURNEY MANAGEMENT PLAN BEFRORE LEAVING YOUR COMPANY BASE.
> ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
> DRIVING DISTANCE FROM DAMMAM TO RIG: 458 KM INCLUDING "SKID ROAD 48 KM".
> SKID ROAD HAS NO MOBILE SIGNAL, CALL RIG FOREMAN OR RIG CONTRACTOR BEFORE ENTERING SKID ROAD.
================================== AUDIT FINDINGS =========
>
====================================== SAFETY ==========
> NEAREST ARAMCO FACILITY - SHAYBAH CLINIC/CAMP - 345 KM FROM LOCATION , AL-BAT'HA HOSPITAL+/- 75 KM
HARADH M.O.H CLINIC+/- 256 KM
> RER 1/2 LFL: 0 M, RER 0 PPM:0 M, RER 30 PPM: 00 M.
> PRIMARY: RELIEF WELL#1 X: 511,593 - Y: 2,624,395.
> PRIMARY STGA#1: 0.5 KM LATITUDE:512,178LONGITUDE:2,624,300
& SECONDARY SGA#2: 1 KM LATITUDE:511,496LONGITUDE:2,624,896.
> DRILLS: 0
> D&WO HSE ALERTS: HSE ALERT 08-26ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26TRUCK ROLLOVER, HSE ALERT 10-26FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
==========ON LOCATION SUPPORT TANKERS==========
> VACUUM TANKERS: DRSS# XXXXXX
> SPRAY WATER TANKERS: XXXXXX
> SKID ROAD MAINTENANCE DRSS XXXX
====================================== NEXT WELL==========
> NEXT WELL: N/A.
> WATER WELL:
> LAST VISIT:
> PRE-MOVE MEETING: NIL.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	COLD	3,712	PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	RIG	ARM	ARM	
Category	CTRG	RIG	OTHR	WSC	OTHR	
No. of Persons	17	48	32	1	3	Total 101
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	0	0	12	12	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
C053	SANAD AMBULANCE	SANAD 2 EVACUATION BUSES	aramco vehicle c053

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	478	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:46
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-2597 DEVELOPMENT DRILLING BI-60

12/05/2025 - 02/05/2026

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NBR-633S @ HRDH-2597 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-633S
Well: HRDH-2597
Wellbores: (0) HRDH_2597_0

Charge #: (66-25058-2597)
Wellbores: (0) HRDH_2597_0

Objective : (HRDH-2597 IS MK-1 VERTICAL WELL TO BE DRILLED IN NORTH OF HRDH FIELD TARGETING KHUFF-C RESERVOIR.)

Foreman(s) MAHMOUD, AHMED ABDELAZIZ / HAKIMI, OMAR ELFAROUK
Engineer KAMAL, SYED MUHAMMAD MANSOOR
Manager SAMARKANDY, ABDULRAHMAN SAMEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
882 1677 7 12 783	5779691	5779690

OTHER VSAT: 5779668 CL ERK

Last 24 hr operations
RIH 5-7/8" RTRY BHA, C/O 7" S/T , DISP TO 70 PCF OBM, DRILL 5 FT, FIT, RTRY DRLG 5-7/8" HOLE.

Next 24 hr plan
RTRY DRLG 5-7/8" HOLE TO 11,841 FT MD/TVD (250 FT INTO KFDA).

Location
HRDH-2597, 25 KM HARADH CITY, 35 KM HARADH GAS PLANT, 6.5 KM GOSP-2

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,360	9 5/8	9170	9170	7	8,865	11,288	11,288

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11291	41.5 (12/17/2025@1530)	100	69	242	242

Formation Tops

Formations	Top Depth	Comments
JLDM	9,025	9' DEEPER.
BJDM	9,142	19' SHALLOWER.
MDJR	9,408	27' SHALLOWER.
SUDR	10,085	31' SHALLOWER.
SDDM	10,349	28' SHALLOWER.
KFAC	10,705	54' SHALLOWER.
KFAR	10,768	21' SHALLOWER.
KFBR	10,859	6' SHALLOWER.
KFCC	11,281	48' SHALLOWER.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0900	4	0	8 3/8	N	DRLG	LDP	SPDP	RIG	11291	11291	1200	3355	RIH WITH 5-7/8" MWD/GR ROTARY BHA PICKING UP 4" DP FROM RACK. - P/U TOTAL 66 JOINTS OF 4" DRIFTED & FLUSHED DRILLPIPE. - MONITOR WELL IN TRIP TANK.
0900 - 1215	3.25	0	8 3/8	N	DRLG	TI	STDP	RIG	11291	11291	3355	10200	CONT'D RIH WITH 5-7/8" MWD/GR ROTARY BHA W/ 5-1/2" STDS. - MONITOR WELL IN TRIP TANK. - FILL STRING EVERY 20 STANDS.
1215 - 1545	3.5	0	8 3/8	N	DRLG	RW	BIT	RIG	11291	11291	10200	11100	WASH DOWN TILL TAG CMT @ 11,100'
1545 - 0030	8.75	0	8 3/8	N	DRLG	DFS	TDS	RIG	11291	11291	11100	11291	DRILL OUT HARD CEMENT & SHOE TRACK, MEANWHILE DISPLACE TO 70 PCF OBM. > L.C. @ 11,120> F.C. @ 11,202' > F.S. @ 11,282'.
0030 - 0100	0.5	0	5 7/8	N	DRLG	D	TDS	RIG	11291	11296			DRILL 5 FT INTO NEW FORMATION. FORMATION @ SURFACE
0100 - 0200	1	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	11296	11296			CHC, PERFORM FIT TO 4320 PSI EMW 125 PCF. GOOD TEST.
0200 - 0230	0.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	11296	11296			SERVICE RIG AND TDS WHILE FLOW CHECK STATIC.
0230 - 0400	1.5	0	5 7/8	N	DRLG	D	TDS	RIG	11296	11360			PATTERN THE BIT & ROTARY DRILLING 5-7/8" HOLE WITH 70 PCF OBM & 100% RETURN. > SWEEP HOLE WITH SEALING PILL EVERY STD.

Foreman Remarks

==========WELL OBJECTIVE==========
> HRDH-2597 IS A MK-1 VERTICAL WELL TO BE DRILLED IN THE NORTH OF HRDH FIELD TARGETING KHUFF-C RESERVOIR. THE WELL WILL BE DRILL TO TOTAL DEPTH AT 11,841 FT MD/ TVD (250 FT TVD INTO KFDA).
==========ARAMCO PERSONNEL==========
> ARAMCO CLERK DARWIN CABERIO #8142199 ON LOCATION.
> ARAMCO FCT SAEED ALGHAMDI #832432 OFF LOCATION FROM 1/20/2026.
> ARAMCO PDP ALMANSOUR, FAYADH H #813742 FOR HOT 1 OFF LOCATION FROM 1/25/2026.
> DOECD FCC AYAZALI DESHNUR ID # 8103720 ARRIVED ON 1/25/2026 AT 11:30 AM FOR RHSEI AUDIT.
========== SERVICE PERSONNEL ==========
> OES MUD ENG ON LOCATION.
> SLB MUD ENG ON LOCATION.
> EXLOG MUD LOGGING CREW ON LOCATION.
> TAQA MWD ENG ON LOCATION.
==========RENTAL TOOLS==========
> TAQA 5" MECHANICAL THRUSTER S.N: MT6X-500-036 ON LOCATION 1/26/2026 @ 12:00 HRS, P/U ON 1/27/2026 @ 00:30 HRS.
> TAQA 4-3/8" HYDRO-MECH JAR S.N: EX-473-227 ON LOCATION 1/26/2026 @ 12:00 HRS, P/U ON 1/27/2026 @ 02:30 HRS.
==========HSE / AUDITS==========
> PRE-TOUR MEETINGS:
PRESSURE AWARENESS RISK RELATED TO TESTING BOP OPERATIONS. CRANE OPERATIONS, PROPER RIGGING & SLINGING, CLEAR SIGNALS & COMMUNICATION. PINCH POINTS, LINE OF FIRE HAZARDS, FREE HAND TOOLS AND PROTECT THE HOLE AT ALL TIMES DURING OPERATIONS. HOUSEKEEPING AND CLEANING WORK AREAS. MAINTAIN HOUSEKEEPING ON RIG FLOOR, CLEAR OFF THE SLIP HAZARDS, CLEANING THE FLOOR AT REGULAR BASIS.

Username: YUAYANAL
Database: EPPR
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-2597 DEVELOPMENT DRILLING BI-60

12/05/2025 - 02/05/2026

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==========NEARBY FACILITY==========

==========NEXT WELL==========
> HRDH-2742 90% READY
==========NOTES==========

==========RIG VISITS==========
.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
120 PCF	1	0API	51	760 Volts	6.57	0	29,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1HTHP	13	17	0	9 / 12	INVER	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
73	0	62	36	8 / 9	0	0	1.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	1	0API	72	800 Volts	4.79	0	29,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
135	1.6HTHP	18	11	0	7 / 9	INVER	1.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	21	10	6 / 7	0	0	3.8

MUD TREATMENT

CACO3-5	CACO3-50	CAOH2	MRBL-M	MUL-XT	STELSEALFN	VERSAMUL
50 (25KG)	50 (25KG)	40 (25KG)	50 (55LB)	1 (55LB)	250 (50LB)	12 (55GL)
VERCOAT	**VG6**	**DURATONE**				
2 (55GL)	40 (25LB)	90 (50LB)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
7RR	11,291	11,360	DP Av	DC Av	Bit HHP	15	120	M432	5.875	REED
Pressure	**GPM**	**Jet Vel**	330.94	512.63	52	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,900	250	207				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
S317928	SK711M1A	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	5	280	280	277	5,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	31	3,394.65	XT54	XT54	24.7	103,726.288	XD105	PREM	
14	Crossover	RIG	5.5	1	5.5	3.813	3.36	3,363.65	4 1/2 VAM	4 1/2 VAM	24	102,960.588			8529230023
13	Drillpipe	RIG	4	66	4	3.34	2,075.95	3,360.29	XT39	XT39	14	102,879.948	XD105	PREM	
12	Heavy Weight Drillpipe (HWDP)	RIG	4	15	4	2.563	456.64	1,284.34	XT39	XT39	28	73,816.648		CONV	
11	Crossover	RIG	4.75	1	4.75	2.25	2.64	827.7	NC38	XT39	49.55	61,030.728			110
10	Drillcollar	RIG	4.75	2	4.75	2.25	61.76	825.06	NC38	NC38	49.55	60,899.916		SPRL	
9	Hydraulic Jar	CDS	4.875	1	4.875	2.25	30.83	763.3	NC46	NC46	700	57,839.708			EX-473-227
8	Drillcollar	RIG	4.75	21	4.75	2.25	650.68	732.47	NC38	NC38	49.55	36,258.708		SPRL	ON FILE
7	Roller Reamer	RIG	5.875	1	4.75	1	5.28	81.79	NC38	NC38	49.55	4,017.514		3 POINT	XM-349
6	Filter Sub	CDS	4.75	1	4.75	2	4.72	76.51	NC50	NC50	49.55	3,755.89			DH-475-04
5	Measurement While Drilling (MWD)	CDS	4.75	1	4.75		36.17	71.79			49.55	3,522.014			SBMC-0592
4	Roller Reamer	RIG	5.875	1	4.75	1.125	5.28	35.62	NC38	NC38	49.55	1,729.79		3 POINT	XM-3497
3	Pony Collar	RIG	5	1			23.66	30.34			49.55	1,468.166			MT6X-500-036
2	Near Bit Roller Reamer	RIG	5.875	1	4.75	2.25	5.97	6.68	NC38	NC38	49.55	295.814		3 POINT	XM-3483
1	Bit	REED	5.875	1	5.875		0.71	0.71				0			S317928

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	AS REQUIRED	NORMAL	N/A	SEASONAL	3,786	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	OES	SMI	MJH	CDS	XLG	ARM	ARM
Category	CTRG	RIG	DFMS	DFMS	SEC	LWD	MLS	OTHR	WSC
No. of Persons	15	46	1	1	7	2	4	4	2

Total
82

LIMITED MORNING REPORT

HRDH-2597 DEVELOPMENT DRILLING BI-60

12/05/2025 - 02/05/2026

	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	24	12	12	24	24	24	24	24

TRUCKS/BOATS

Standby/Tankers

P/U TRUCK B908 (last pm on 12/22/25)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	555	N/A	N/A	900

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-1843 WORKOVER-1 BI-60

12/20/2025 - 02/18/2026

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NBR-654S @ UTMN-1843 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-654S
Well: UTMN-1843
Wellbores: (0-1) UTMN_1843_1

Charge #: (71-25057-1843)
Wellbores: (0-1) UTMN_1843_1

Objective : (SIDETRACK WITH ONE HOLE SIZE TARGETING KHFC RESERVOIR)

Foreman(s): BURCH, ANDREW ROY / HALVERSON, DALE ANTHONY
Engineer: ALARFAJ, MOHAMMED KHALED
Manager: JALLAL, FAISAL ALI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11370	577-9321	577-9320 (FCT)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
804-9636 (SANAD)	577-9307	

Last 24 hr operations
WIPER TRIP TO TOW, RIH, CHC. POOH & LD ROLLER REAMER BHA, PU 45 JTS OF HWDP, FLUSH & RACK IN DERRICK.

Next 24 hr plan
MU & RIH W/ 4.5" LOWER COMPLETION, CHC, CEMENT LOWER COMP, POOH.

Location
WELL IS LOCATED 0.1 KM S89W OF UTMN-3124 AND 0.421 KM N16W OF UTMN-1199.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,312	9 5/8	10360	10041	7	9,617	12,315	11,664

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13312	29.5 (12/29/2025@1700)	100	0	136	136

Formation Tops

Formations	Top Depth	Comments
KFCC	12,608	11846 TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0-1	5 7/8	N	CT	ST	STDP	RIG	13312	13312	12750	12275	HPJSM. POOH WIPER TRIP AT CONTROLLED SPEED ON ELEVATORS IN OPEN HOLE W/ 5-7/8" REAMING BHA TO ABOVE 7" WINDOW (7" TOW = 12,315', BOW = 12,324'). > TIGHT HOLE AT 12,782', REAM HOLE SECTION FROM 12,755 - 12,849'. RUN THRU UP/DOWN WITH NO PUMP, HOLE IN GOOD CONDITION. > FOLLOWING GDED INTEGRATED HORIZONTAL DRILLING TRIP OUT PRACTICES AND IMPLEMENTING STUCK PIPE AVOIDANCE. > MONITOR WELL ON TRIP TANK.
0545 - 0615	0.5	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			EXTENDED FLOW CHECK - WELL STATIC.
0615 - 0715	1	0-1	5 7/8	N	CT	ST	STDP	RIG	13312	13312	12275	13312	RIH WIPER TRIP AT CONTROLLED SPEED ON ELEVATORS IN OPEN HOLE W/ 5-7/8" REAMING BHA, WASH DOWN LAST STAND TO 13,312' (TD). > REAM HOLE SECTION FROM 12,755' - 12,849'. RUN THRU UP/DOWN WITH NO PUMP, HOLE IN GOOD CONDITION. > FOLLOWING GDED INTEGRATED HORIZONTAL DRILLING TRIP OUT PRACTICES AND IMPLEMENTING STUCK PIPE AVOIDANCE. > MONITOR WELL ON TRIP TANK.
0715 - 1000	2.75	0-1	5 7/8	N	CT	CIRC	MPMP	RIG	13312	13312			PUMP 30 BBL HIGH WT/SEALING SWEEP CIRC 2X BTMS UP, SPOT 50 BBL LOGGING PILL. > FOLLOWING GDED INTEGRATED HORIZONTAL DRILLING TRIP OUT PRACTICES AND IMPLEMENTING STUCK PIPE AVOIDANCE.
1000 - 1015	0.25	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			FLOW CHECK - WELL STATIC. (SLOW ROTATE DURING FLOW CHECK).
1015 - 1045	0.5	0-1	5 7/8	N	CT	ST	STDP	RIG	13312	13312	13312	12830	HPJSM. POOH ON ELEVATORS IN OPEN HOLE W/ 5-7/8" REAMING BHA TO ABOVE 7" LINER WINDOW (7" TOW = 12,315', BOW = 12,324'). > FOLLOWING GDED INTEGRATED HORIZONTAL DRILLING TRIP OUT PRACTICES AND IMPLEMENTING STUCK PIPE AVOIDANCE. > MONITOR WELL THRU TRIP TANK.
1045 - 1100	0.25	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			FLOW CHECK - WELL STATIC.
1100 - 1130	0.5	0-1	5 7/8	N	CT	ST	STDP	RIG	13312	13312	12830	12275	HPJSM. POOH ON ELEVATORS IN OPEN HOLE W/ 5-7/8" REAMING BHA TO ABOVE 7" LINER WINDOW (7" TOW = 12,315', BOW = 12,324'). > FOLLOWING GDED INTEGRATED HORIZONTAL DRILLING TRIP OUT PRACTICES AND IMPLEMENTING STUCK PIPE AVOIDANCE. > MONITOR WELL THRU TRIP TANK.
1130 - 1200	0.5	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			EXTENDED FLOW CHECK - WELL STATIC.
1200 - 1230	0.5	0-1	5 7/8	N	CT	RR	TDS	RIG	13312	13312			RIG SERVICE TOPDRIVE.
1230 - 1715	4.75	0-1	5 7/8	N	CT	TO	STDP	RIG	13312	13312	12275	4255	POOH W/ 5-7/8" REAMING BHA ON 5.5" DP IN CASED HOLE. > MONITOR WELL ON TRIP TANK.
1715 - 1745	0.5	0-1	5 7/8	N	CT	HT	PEL	RIG	13312	13312			CHANGE HANDLING EQUIP FROM 5.5" TO 4". > FLOW CHECK WELL STATIC.
1745 - 2000	2.25	0-1	5 7/8	N	CT	TO	STDP	RIG	13312	13312	4255	759	POOH W/ 5-7/8" REAMING BHA ON 4" DP IN CASED HOLE. > MONITOR WELL ON TRIP TANK.
2000 - 2015	0.25	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			FLOW CHECK - WELL STATIC.
2015 - 2045	0.5	0-1	5 7/8	N	CT	TO	STDP	RIG	13312	13312	759	289	POOH W/ 5-7/8" REAMING BHA ON 4" DP IN CASED HOLE. > MONITOR WELL ON TRIP TANK.

LIMITED MORNING REPORT

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UTMN-1843 WORKOVER-1 BI-60

12/20/2025 - 02/18/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
2045 - 2100	0.25	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			FLOW CHECK - WELL STATIC.
2100 - 2315	2.25	0-1	5 7/8	N	CT	HT	BHA	RIG	13312	13312			HPJSM, POOH & LD 5-7/8" REAMING BHA. > BHA: 5-7/8" SMITH RR PDC BIT (TYPE: MR613-C , SN# JP4703) W/ OPEN JETS, 5-7/8" NBRR W/ FLOAT VALVE, 1 JT 4-3/4" DC, 5-7/8" STRG REAMER, 4-3/4" DC, X/O, 3 JTS 4" HWDP, 4-3/4" HM JAR, 3 JTS 4" HWDP. > L/D NESR 4-3/4" HM DRLG JAR SERIAL# GE-DJ-00013 @ 21:00 HRS. > MONITOR WELL ON TRIP TANK.
2315 - 2345	0.5	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			FLOW CHECK - WELL STATIC. >MEANWHILE CLEAN OBM & REMOVE ALL NON ESSENTIAL TOOLS FROM RIG FLOOR.
2345 - 0415	4.5	0-1	5 7/8	N	CT	LDP	SPDP	RIG	13312	13312	0	1606	HPJSM, PU EXTRA 45 JTS OF 5.5" HWDP FOR LINER PUSH PIPE WITH CREW & ALL PERSONNEL INVOLVED. > REVIEWED THE JSA & DISCUSSED HAZARDS. > MONITOR WELL ON TRIP TANK.
0415 - 0430	0.25	0-1	5 7/8	N	CT	CIRC	MPMP	RIG	13312	13312			PUMP & CIRC AT HIGH RATE TO FLUSH 5.5" HWDP.
0430 - 0445	0.25	0-1	5 7/8	N	CT	WCNT	NA	RIG	13312	13312			FLOW CHECK - WELL STATIC.
0445 - 0459	0.25	0-1	5 7/8	N	CT	TO	STHDP	RIG	13312	13312	1410	1067	POOH ON 5.5" HWDP & RACK BACK INTO DERRICK...ONGOING @ RT. > MONITOR WELL ON TRIP TANK.

Workover Objectives

Foreman Remarks

> ODF FROM PA-860 KB=35' - NBR-654S KB=38' = 3' DIFF.
==========ARAMCO PERSONNEL==========
> ARAMCO MATERIAL EXPEDITOR SALEH ALOSIL #8517946 ON LOCATION JAN 14, 2026.
> ARAMCO MATERIAL EXPEDITOR MUHANNA ALTAMMAR #8506831 ON LOCATION JAN 20, 2026.
> ARAMCO PDP BANDER ALMUZAINI #835041 ON LOCATION JAN 15, 2026.
> ARAMCO PDP HASSAN ALSUWAIL #822658 ON LOCATION JAN 26, 2026.
> ARAMCO FCT MOHANNED BAULYAN #791477 ON LOCATION JAN 27, 2026.
> HSE ADVISOR NAOUI AHMED REDHA #8548636 ON LOCATION JAN 16, 2026.

> ARAMCO FOREMAN YACINE SLAMENE # 8616147 ON LOCATION JAN 26, 2026.
========== THIRD PARTY PERSONNEL & EQUIPMENT =======
> RAWABI MUD ENG ON LOCATION.
> HLB MUD ENGINEER ON LOCATION.
> NOV OPERATOR & 2 X FRAC TANKS FOR OBM KWM.
> BAKER REAL TIME MONITORING FOR CCA.
> GEOLOG MUD LOGGING CREW & UNIT.
> NOV CENTRIFUGE EQUIP & SERVICE HAND.
> NABORS CSG CREW & EQIUP LOW COMP.
> HLB LOWER COMP ENGINEER.
> OILSERV PUMPING UNIT & CREW.
==========TOOLS ON LOCATION==========
> NESR 4-3/4" HMJ SERIAL # GE-DJ-00013 ON LOCATION JAN.25/26 AT 14:00, PU JAN.26/26 AT 16:00,
==========DIRECTIONAL DATA==========
> RUN #1, 5-7/8" HLB RSS/MWD/NBGR RSS BHA, DRILL FR/ 12,336' TO 13,312' (TOTAL 976').(CONTROL DIR DRILL DUE TO HLB DIR TO ACHIEVE ANGLE & POSSIBLE LOSSES, 976'/97.7HRS=9.99'/HR.).

> LAST SURVEY/ MD: 13,260', INC: 61.92 DEG, AZM: 264.68 DEG, TVD: 12172.1', DLS: 7.36 DEG/100 FT.
> FROM L-0-1 PLAN #3: CT.CT, 3.60' ABOVE, 2.60' LEFT. (CT.CT FOR SEPARATION FROM ORIGINAL WELL IS 504.0' AT 13,260'MD).
==========CCA MONITORING PRESSURE==========
> REAL TIME MONITORING CCA#1 = 0 PSI & CCA#2 = 0 PSI. (BLED OFF PRESS ON CCA#1 & CCA#2 TO 0 PSI @ 23:00HRS JAN 27, 2026)
========== HSE ==========
> DRILLS: PIT DRILL X 2, TRIP DRILL X 2.
> NEAR MISS: NONE.
> SAFETY OBSERVATIONS: 51.
> PROCEDURE OF THE WEEK : JOURNEY MANAGEMENT & ROAD SAFETY.
> WEEKLY FOCUS AREAS AUDIT CHECKLIST: CRITICAL SAFETY FOCUS-LEADERSHIP ACCOUNTABILITY.
> D&WOO HAND AND FINGER SAFETY CAMPAIGN, DQ-D&WO HAND SAFETY AND HFT CAMPAIGN (PRESENTATION, POSTERS & PICTURE).
> HAND FINGER ANALYSIS 2023 - 2025 YTD (UPDATE DEC 31 ST).
> SND HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED. REEL SAFE 03-26 CATWALK RAMP LIFTING POINT FAILURE.
> PJSM DISCUSSIONS: LIFESAVING RULES/TEN RULES TO LIVE BY/PROFESSIONAL OIL FIELD PRACTICES / SWA / PTW & JSA FINDINGS.

> STAGING AREA #A: 0.8 KM NW (LAT: 25.038244', LONG: 49.362138'), STAGING AREA #B: 0.5 KM NE (LAT: 25.039886', LONG: 49.353429')
==========SAGWD COST OPTIMIZATION==========
> RECEIVED 1500 BBLS OF RECYCLED 105 PCF OBM KWM.
> RECEIVED 1100 BBLS OF RECYCLED 72 PCF OBM MUD FOR DRILLING.
==========TRUCKING==========
> SPRAY WATER TANKER FOR LOCATION, DRSS# 3000368994 (FOR JAN-2026) ON LOCATION DEC. 01/2025.
PLATE#: 1190-HRB , WORKING HOURS FOR TRUCK = 10HR.
========== CLOSED LOOP SYSTEM ==========
> IMPLEMENTING CLOSED LOOP SYSTEM (ABANDONMENT, USING 3-SIDED BIN)
> USE CMT PIT W/ PLASTIC LINER.
> NOT USING WATER PIT & WASTE PIT.

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> PITLESS LOCATION GUIDLINE: (Y) NO WATER PIT - NO WASTE PIT.
========== NEXT LOCATIONS ==========
> 1ST NEXT WELL: UTMN-1897, (HIGH H2S) (REN TWO HOLE SIZES, KHFB WSEV), PRE-WO MEETING DONE, STRIP-OUT 100%. LOCATION 100%, WOCP RUNNING.
> 2ND NEXT WELL: UTMN-1861, (HIGH H2S), (REN TWO HOLE SIZES, JAUF), PRE-WO MEETING DONE, STRIP-OUT 100%. LOCATION 0%, WOCP RUNNING.
> 3RD NEXT WELL: UTMN-2312, (HIGH H2S), (REN TWO HOLE SIZES, KHUFF-C DEVIATED), PRE-WO MEETING DONE, STRIP-OUT 100%. LOCATION 0%, WOCP RUNNING.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	13,312	61.9	265	0	12,200	337.52	-489.76	1,951.42	0.55

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	65	705 Volts	8.35	0	28,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	1.4HTHP	22	17	0.05	10 / 13	OBM	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	32	13	7 / 8	0	0	3.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	65	681 Volts	8.35	0	28,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	1.4HTHP	22	17	0.05	10 / 13	OBM	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	32	13	7 / 8	0	0	2

MUD TREATMENT

CARBOTROL	CAOH2	STELSL50	STELSEALFN	BARACRB150	CACO3-50	CACO3-25
20 (50LB)	15 (50LB)	50 (50LB)	50 (55LB)	50 (50LB)	5 (50LB)	50 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
25	12,336	13,324	DP Av	DC Av	Bit HHP	11	130	M333	5.875	REED
Pressure	**GPM**	**Jet Vel**	370.65	N/A	90	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,750	280	257				1	1	WT	A	0
Serial Numi	**Type**	**Jets**	**TFA**							
S325182	TK63M4D	2 x 12 / 1 x 13	0.351							
Gauge	**Other**	**POOH Reas**								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	97.7	290	350	260	12		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	N/A	NORMAL	ONSHORE	SEASONAL	4,898	2X PRE TOUR SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	NAC	TGC	BR1	SM2	RIG	BAR	RO4	MJH	TUB	NPJ	HLH	RO1	RIG	ARM	OCT	NRT	BRD	OTH	ARM
Category	CSR	CTRG	RINS	DPP	RIG	DFMS	DFMS	SEC	ISPCT	JST	LHES	MLS	OTHR	OTHR	PCS	RENT	SCS	VAC	WSC
No. of Persons	4	16	1	1	38	1	1	8	4	0	2	2	11	6	4	1	1	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	0	24	24	24	24	24	24	24	24	24
Operating Hours.	4	0	24	24	24	12	12	24	10	16	12	24	0	12	8	24	24	10	24

Total 105

TRUCKS/BOATS

Standby/Tankers	Others
snd AMBULANCE 9467-lxj	ARAMCO TRUCK f051

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	844	206	24	473

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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GHZL-121 DEVELOPMENT DRILLING BI-60

11/29/2025 - 02/03/2026

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NBR-783S @ GHZL-121 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-783S
Well: GHZL-121
Wellbores: (0) GHZL_121_0

Charge #: (66-25075-0121)
Wellbores: (0) GHZL_121_0

Objective : (ULTRASLIM PRESET 5FT TVD INTO UNZA)

Foreman(s): MIKHAEIL, RAMY FARAG / OWOYEMI, OLUFUNSO
Engineer: ALAWAD, SULTAN YAQOUB
Manager: ALWAN, MAYTHAM MERZA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677711 016	FOREMAN 01 35779324	0135779319

CONTRACTOR /CLERK VSA T: 0135779323

Last 24 hr operations
WASH DOWN TO 12' OFF BTM, EVALUATE LOSSES, SPOT LCM PILL, POOH 5-7/8" DRLG ASSY.

Next 24 hr plan
POOH DRLG ASSY. TO SURFACE & L/D BHA, P/U & RIH 2 7/8" ALUMINIUM PIPE ASSY. FOR CMT PLUG.

Location: 329 KM FROM DHAHRAN MAIN GATE , KHARJ ROAD
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,995	9 5/8	3548	3548	7	3,252	9,537	9,537

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13995	47.6 (12/11/2025@1400)	100	0	329	329

Formation Tops

Formations	Top Depth	Comments
BJDM	9,510	74' SHALLOWER
SUDR	11,090	11' SHALLOWER
SDDM	11,560	4' DEEPER
KHFF	12,074	8' SHALLOWER TVD
KFAC	12,105	11' SHALLOWER TVD
KFBC	12,250	12' SHALLOWER TVD
KFCC	12,820	6' SHALLOWER TVD
KFDA	13,197	5' SHALLOWER TVD
UNZA	13,987	4' TVD DEEPER (UNZA PROPSED 13,529' , ACTUAL 13.533')

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	5 7/8	N	DRLG	HT	PEL	RIG	13995	13995			CHANGE HANDLING TOOLS FROM 4" TO 5 1/2" TOOLS
0530 - 0930	4	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	13995	13995			WASH DOWN 5-7/8" WFD RSS DRLG ASSY. WITH 75 GPM FROM 11,250' TO AVOID STRING PLUGGING FROM ANY LCM TO 13,983' (12' OFF BTM) >> HAD NO LOSSES WHILE WASH DOWN TILL 13,950' (45' OFF BTM)
0930 - 1130	2	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	13995	13995			STAGE UP FLOW GRADUALLY HAD +/- 80 BPH LOSSES AT 75 GPM , 120 BPH LOSSES AT 110 GPM THEN NO RETURN . LEVEL ACROSS BOP WHILE CIRC. , EVALUATED STATIC LOSSES HAD 120 BPH STATIC LOSSES , DECISION WAS TAKEN TO SPOT 3RD LCM PILL
1130 - 1330	2	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	13995	13995			RECORDED PRESSURE AT 200 GPM , DROPPED DART TO ACTIVATE PBL AND DISPLACE SAME TILL LAND AT PBL SUB WITH 180 GPM , HAD INDICATION PBL OPENED AND LOST MWD SIGNAL , SPOT 140 BBLS 220 PPB LCM PILL , DISPLACE WITH 1.2 STRING CAPACITY , HAD NO RETURN WHILE PUMP LCM PILL & HAD PARTIAL RETURN WHILE LCM PILL OUT OF PBL >> LOST 70 BBLS OUT OF 140 BBLS WHILE THE PILL DISPLACED OUT FROM THE PBL SUB
1330 - 2000	6.5	0	5 7/8	N	DRLG	TO	STDP	RIG	13995	13995	13983	9537	POOH WITH DRLG ASSY. TO TOP OF THEORITICAL PLUG AT 7" LINER SHOE WHILE BUILD MUD SYSTEM. >> FILL UP BACK SIDE WHILE TRIP OUT , HAD STATIC LOSSES WITH 90 BPH DECREASED GRADUALLY TO ZERO
2000 - 2200	2	0	5 7/8	N	DRLG	OTH	NA	RIG	13995	13995			EXTENDED FLOW CHECK WHILE SOAKING LCM, HAD NO STATIC LOSSES.
2200 - 2245	0.75	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	13995	13995			DROPPED BALL AND DISPLACED WITH MUD @ 170 GPM, CLOSED PBL WITH INDICATION OF PBL CLOSING AND REGAINED MWD SIGNAL. > NO DYNAMIC LOSSES @ 170 GPM.
2245 - 2300	0.25	0	5 7/8	N	DRLG	OTH	NA	RIG	13995	13995			FLOW CHECK , WELL STATIC
2300 - 0345	4.75	0	5 7/8	N	DRLG	HT	STRG	RIG	13995	13995	9537	3252	CONT. POOH WITH 5 7/8" WFD RSS/MWD DRLG ASSY. ON 4" D/P WITH CONTROLLED SPEED TO AVOID SWABBING TO 7" TOP OF LINER AT 3,252' >> MONTOR WELL ON TRIP TANK, O.K.
0345 - 0430	0.75	0	5 7/8	N	DRLG	OTH	NA	RIG	13995	13995			FLOW CHECK , WELL STATIC.
0430 - 0459	0.5	0	5 7/8	N	DRLG	TO	STDP	RIG	13995	13995	3252	2030	CON'T POOH WITH 5 7/8" WFD RSS/MWD STEERABLE DRLG ASSY. ON 4" D/P. >> MONITOR WELL ON TRIP TANK, O.K.

Foreman Remarks

** WELL OBJECTIVE :-
GHZL-121 IS PLANNED TO BE DRILLED AS AN ULTRASLIM DEVIATED PRESET WELL LAND 5 FT TVD INTO UNAYZAH-A RESERVOIR AND COMPLETED WITH A 4-1/2" CEMENTED LINER.
==========
** ARAMCO PERSONNEL ON LOCATION :-
>> ARAMCO MATERIAL EXP IBRAHIM M ALHADRI #8334164 ON LOCATION 1/21/26
==========

LIMITED MORNING REPORT

GHZL-121 DEVELOPMENT DRILLING BI-60

11/29/2025 - 02/03/2026

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** SERVICE ON LOCATION :-
>> EMEC MUD ENG. ON LOC.
>> BAROID MUD ENG. ON LOC. 12/21/25
>> SLB CENTRIFUGE ON LOC. 12/23/25 START CHARGE ON 12/24/2025 @ 10:00 AM.
>> HALL. MUD LOGGING FULL SUITE CREW & UNIT ON LOC. 12/28/25
>> WFD DD/MWD CREW ON LOC.
>> CORETRAX ENG. ON LOC. 1/12/26 , RELEASED 1/28/26 @ XXXXXXX HRS
>> CMT CREW & EQUIPT'S ON LOC. 1/25/26 @ 17:00 HRS
>> CSG OP & 2 7/8" HANDLING TOOLS ON LOC. 1/27/26 @ 22:00 HRS
>> SLB SILO OP. ON LOC. 1/26/26
>> BAKER FRAC TANK OP. ON LOC 1/26/26
>> CITADEL OP. FOR 2 7/8" ALUMINIUM PIPE ON LOC. 1/27/26
==========
**SAFETY NOTES: HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED, HSE ALERT - 09-26 - TRUCK ROLLOVER, HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
>> DRILLS:
>> NEAR MISS: 0
>> RHSEI: 25 (24 CLOSED/ 1 OPEN)
>> W.C : 9 (9 CLOSED).
==========
**RENTAL TOOLS :
>> REC. TASMAN 4 3/4" HMJ XT-39 SN: DJ6-500-701 ON 1/21/26 @ 22:30 HRS, P/U 1/23/26 @ 15:30 HRS . L/D 1/28/26 @ XXXX HRS
>> REC. CORETRAX 4 3/4" PBL SN: DVBC1060 ON 1/21/26 @ 19:15 HRS, P/U 1/23/26 @ 15:00 HRS . L/D 1/28/26 @ XXXXXX HRS
==========
**NGGDD COST OPTIMIZATION :
>> BARITE SILOS: 2 SLB SILO ON LOC. 1/26/26
>> BAKER 4 FRAC TANKS ON LOC. 1/26/26
>> KILL MUD:
>> ACID: SLB 100 BBLS , 20% VDA ACID ON LOC 1/7/26.
==========
**RIG VISIT :
>> NBR OPS. SUPT. HARSHIT KUNDRA VISIT RIG: 12/6/2025, 1/10-13/2026
>> NBR HSE SUPT. MANOHARAN RAMASAMY VISIT RIG: 1/11/2026
==========
**MISC
>>WATER WELLS GHZL-802 & GHZL-812.
>> NEXT WELL WAQR-202 READY 100%
>> WATER WELLS FOR WAQR-202 IS WAQR-801 &810

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
122 PCF	1	0API	51	730 Volts	6.7	0	17,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
105	1.6HTHP	12	14	0	10 / 14	INVER	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
74	0	48	37	7 / 8	0	10,000	3.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
122 PCF	1	0API	51	720 Volts	6.7	0	17,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	1.6HTHP	12	14	0	10 / 14	INVER	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
73	0	48	37	7 / 8	0	10,000	1.8

MUD TREATMENT

BARITE	MRBL-M	CACO3-50	MARBLE-CRSE	STELSL50	CACO3-25	STELSEALFN
80 (5000L)	40 (55LB)	50 (55LB)	3 (2200L)	14 (55LB)	30 (55LB)	40 (55LB)
MRBL-M	**MRBL-CH**					
2 (2200L)	1 (2200L)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
N/A	13,807	13,995	DP Av	DC Av	Bit HHP	N/A	N/A	M233	5.875	REED
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S321176	TK63M1B	3 x 16 /	0.589							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	84	N/A	N/A	N/A	N/A		54
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5.5	1	5.5	4.67	30	11,318.65	XT54	XT54	24.7	173,784.709	XD105	PREM	
16	Crossover	RIG	5.75	1	5.75	2.5	2.04	11,288.65	NC38	XT39		173,043.709			101108
15	Drillpipe	RIG	4	348	4	3.24	10,946.43	11,286.61	VX39	VX39	14	173,043.709	G105	PREM	

Username: YUAYANAL
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LIMITED MORNING REPORT

GHZL-121 DEVELOPMENT DRILLING BI-60

11/29/2025 - 02/03/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.562	121.48	340.18	XT39	XT39	26.24	19,793.689		CONV	
13	Hydro-Mechanical Jar	TO1	4.75	1	4.75	2.25	16.28	218.7	XT-39	XT-39	28.38	16,606.054			DJ6-500-701
12	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.562	60.5	202.42	XT39	XT39	26.24	16,144.027		CONV	
11	Crossover	RIG	4.75	1	4.75	2.25	2.9	141.92	XT39	NC38	0	14,556.507			1012
10	PBL (Multiple Activation By Pass)	CRW	5	1			20.25	139.02			0	14,556.507			DVBC1060
9	Float Sub	WDS	4.75	1	4.75	2.25	3	118.77	NC38	NC38	0	14,556.507			16992220-01-1
8	FIlter Sub	WDS	4.75	1	4.688	2	10	115.77	NC38	NC38	0	14,556.507			DHRT-DS527
7	Float Sub	WDS	4.75	1	4.75	2.25	3	105.77	NC38	NC38	0	14,556.507			699222-01-06
6	Vibration Mitigation Tool	TMX	4.75	1	4.75	1.38	15.95	102.77	NC38	NC38	800	14,556.507			A47106
5	Pony Collar	WDS	4.75	1			13.86	86.82			0	1,796.507			SBD4172-2
4	Non Magnetic Drill Collar (NMDC)	WDS	4.75	1	4.75	2.25	28	72.96	NC38	NC38	0	1,796.507		SPRL	SDT-11018
3	Measurement While Drilling (MWD)	WDS	4.75	1	4.75		23.13	44.96			77.67	1,796.507			AK260012
2	RSS	WDS	4.75	1	4.75		21.25	21.83			0	0			AK260016
1	Bit	REED	5.875	1	5.875		0.58	0.58	3 1/2 REG			0			S321176

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	N/A	CALM	N/A	COLD	2,195	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	OTH	NAC	GOS	WDS	RIG	BAR	RO4	MJH	HMS	RIG	ARM	BCM	OTH	MI2	ARM	CRW
Category	VAC	CSR	CTRG	DPDS	RIG	DFMS	DFMS	SEC	MLS	OTHR	OTHR	PCS	RENT	SCS	WSC	WBCS
No. of Persons	2	1	17	3	38	1	1	8	4	7	1	6	2	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	12	12	0	12	12	12	12	12	12	12	12	12	12	12	24	12

Total
95

TRUCKS/BOATS

Standby/Tankers
e981

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	200	680	127	32	2500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-3240 DEVELOPMENT DRILLING BI-60

01/13/2026 - 03/08/2026

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NBR-797S @ UTMN-3240 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-797S
Well: UTMN-3240
Wellbores: (0) UTMN_3240_0

Charge #: (66-25057-3240)
Wellbores: (0) UTMN_3240_0

Objective : (MMK-1 PRESET 10 FT TVD INTO KFBC)

Foreman(s) KHALID, MUTHANNA ABDULLAH
Engineer AGUILAR ACOSTA, VICTOR JOSE
Manager SAMARKANDY, ABDULRAHMAN SAMEH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
8821677712 772	5779329	5779328 (A RAMCO CLER K)

CONTRACTOR /CLERK VSA T: 8049652 (N ABORS OFFI CE)

Last 24 hr operations: ROTARY DRILL 28" HOLE SECTION

Next 24 hr plan: ROTARY DRILL 28" HOLE TO +/- 787 FT. (50 FT INTO RUS FM), CHC, WIPER TRIP, RIH, CHC, POOH AND L/D BHA.

Location: UTMN-3240
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
470							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
145	1.3 (01/26/2026@2100)	100	325	160	160

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	28	N	DRLG	RR	TDS	RIG	145	145			SERVICE TDS AND DROPS SURVEY.
0530 - 0130	20	0	28	N	DRLG	D	TDS	RIG	145	470			ROTARY 28" HOLE WITH CONTROLLED PARAMETERS USING 64 PCF SPUD MUD & 100% CIRCULATION. - WASH & REAM EVERY CONNECTION AS REQUIRED. - SWEEP HOLE WITH 30 BBLS OF HI VIS PILL EVERY SINGLE. - CHECK TDS BOLTS AND DROP SURVEY EVERY KELLY DOWN. - ADJUST PARAMETERS TO REDUCE VIBRATION.
0130 - 0459	3.5	0	28	N	DRLG	HT	BHA	RIG	470	470			CUMULATIVE TIME TO RACK BACK DRILLING STD & HANDLE BHA.

Foreman Remarks

UTMN-3240 IS PLANNED TO BE DRILLED AS MMK-1 PRESET WELL TARGETING KHUFF-B RESERVOIR AND COMPLETED WITH 4-1/2" 10K CEMENTED LINER, THIS WELL IS UNDER DRILLING CONTRACTOR INCENTIVE PROGRAM.
==========ARAMCO PERSONNEL==========
- MATERIAL EXPEDITOR, EISSA A. AL-ANAZI #8352195 OFF LOCATION DEC 31, 2025.
- MATERIAL EXPEDITOR, HASSAN ALZAHER #821938 ON LOCATION JAN 14 2026.
- ARAMCO FOREMAN FERAS ALMULHIM (ID #894006) ON LOCATION SINCE JAN 15 2026.

========== ARAMCO SERVICE PERSONNEL & EQUIPMENT ==========
- EMEC MUD ENGINEER ON LOCATION.
==========RENTAL TOOLS==========
- TASMAN 12" SHOCK SUB SN: ST5-1200-92 RECIEVED ON 1/24/26 AT 16:00 HRS. P/U ON 1/26/26 AT 20:00 HRS.
==========SAFETY==========
- PROCEDURE TOPIC OF THE WEEK # 3 (18-JAN/26 TO 24-JAN 2026).
- PROCEDURE OF THE WEEK: CRANE SAFETY AND LIFTING GUIDELINES.
- LESSON LEARNED OF THE WEEK ROUSTABOUT LIFTED BY TAGLINE.
- WEEKLY FOCUS AREAS AUDIT CHECKLIST: SHORT SERVICE EMPLOYEE PROGRAM (SSE).

- HSE DRILLS: NONE
- NEAR MISS: NONE & 01 YTD.
- RHSEI: 23 (22 CLOSED/ 1 OPEN).
- W.C : 8 (8 CLOSED).

==========NBR-797 TOOLPUSHERS==========
- DAY: MOHAMED IBRAHIM, NIGHT: COLES BRANDON.

==========VISIT==========
- NBR 797 DRILG SI LAUN MILLER VISITED RIG ON JAN 14 2026.

========== NEXT LOCATION ==========
- UTMN-3256
==========NEAR BY RIGS==========
- N/A.
========== RIG MOVE ==========
- RIG RELEASE SINCE JAN 12 2026 AT 20:00 HRS .

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	8API	0	0 Volts	4.58	9	1,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	94	26	0	12 / 17	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
78	1	21	6	10 / 12	0	160	0

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LIMITED MORNING REPORT

UTMN-3240 DEVELOPMENT DRILLING BI-60

01/13/2026 - 03/08/2026

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Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	8API	0	0 Volts	4.58	8.9	1,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	94	28	0	11 / 15	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
75	1	19	6	8 / 11	0	160	0

MUD TREATMENT

BENT	CAUST	XC	BARITE
5 (2500L)	2 (50LBP)	5 (55LB)	10 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
1RR	0	470	DP Av	DC Av	Bit HHP	N/A	N/A	131	28	SEC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
839708	XN3C	4 x 16 /	0.785							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
							46
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Drillpipe	RIG	5.5	1	5.5	4.67	31.31	931.62	XT54	XT54	24.7	16,808.957	CYX105	PREM	RIG
12	Crossover	RIG	8.125	1	8.125	2.813	3	900.31	XT54	6 5/8 REG	0	16,035.6			1936724
11	Heavy Weight Drillpipe (HWDP)	RIG	6.625	9	6.625	5	276	897.31	6 5/8 FH	6 5/8 FH	58.1	16,035.6		CONV	RIG
10	Crossover	RIG	8.5	1	8.5	2.813	3.04	621.31	6 5/8 REG	6 5/8 FH	0	0			7971191
9	Drillcollar	RIG	8.5	6	8.5	2.813	178	618.27	6 5/8 REG	6 5/8 REG	0	0		SPRL	RIG
8	Crossover	RIG	9.5	1	9.5	3	2.57	440.27	7 5/8 REG	6 5/8 REG	0	0			22111
7	Drillcollar	RIG	9.5	12	9.5	2.81	362.01	437.7	7 5/8 REG	7 5/8 REG	0	0		SPRL	RIG
6	Roller Reamer	RIG	28	1	9.5	3	8.62	75.69	7 5/8 REG	7 5/8 REG	0	0		3 POINT	HDH07093032
5	Drillcollar	RIG	9.5	1	9.5	2.81	30.74	67.07	7 5/8 REG	7 5/8 REG	0	0		SPRL	194927
4	Roller Reamer	RIG	28	1	25.5	3	9.1	36.33	7 5/8 REG	7 5/8 REG	0	0		3 POINT	198596588
3	Shock Sub	TO1	8.25	1	8.25	2.938	15.3	27.23	6 5/8 REG	6 5/8 REG	0	0		SPRL	ST5120092
2	Near Bit Roller Reamer	RIG	28	1	28	3	9.8	11.93	7 5/8 REG	7 5/8 REG	0	0		3 POINT	242757
1	Bit	SEC	28	1	28		2.13	2.13				0			839708

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,273	N/A

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	EMC	MJH	TUB	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	SEC	ISPCT	OTHR	OTHR	WSC
No. of Persons	16	40	1	8	4	29	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	0	0	12	12	24

Total
101

TRUCKS/BOATS

Standby/Tankers
E974 ARAMCO VHECILE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	500	701	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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WDYH-541800 EXPLORATION DRILLING BI-1514

10/15/2025 - 04/09/2026

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NBR-987S @ WDYH-541800 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: NBR-987S
Well: WDYH-541800
Wellbores: (0) WDYH_541800_0

Charge #: (85-25094-4266)
Wellbores: (0) WDYH_541800_0

Objective : (WELL IS DESIGNED TO BE DRILLED AS A VERTICAL PILOT WITH SUBSEQUENT HORIZONTAL WELL INTO SARAH)

Foreman(s) KILANY, AHMED ABDULHAKEEM / GIBSON, JAMES ROBERT
Engineer EDREES, IBRAHIM RAJEH
Manager GARNI, HUSAM MANSOUR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12135	577-6145	577-6135

CONTRACTOR /CLERK VSA T: 577-6141

Last 24 hr operations
RETRIEVE WB , P/T BOP , SET WB. M/U & RIH WITH 8 3/8" BHA .

Next 24 hr plan
RIH WITH 8 3/8" BHA, FLOW CHECK AT THE SHOE, N/D TRIP NIPPLE ,INSTALL MPD RCD, DISPL CASED HOLE TO 106 PCF, RIH BTM HOLDING 116PCF ON MPD, DISPL WELL TO 106 PCF

Location: WDYH-541800
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,730	9 5/8	9992	9992				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16730	80.7 (11/08/2025@0700)	100	0	304	415

Formation Tops

Formations	Top Depth	Comments
BJDM	9,960	200' SHALLOWER
SUDR	11,421	39' SHALLOWER
SDDM	11,799	53' SHALLOWER
KHFF	12,267	39' SHALLOWER
KFCR	12,972	12' SHALLOWER
KFDA	13,230	47' SHALLOWER
BKDC	13,718	26' SHALLOWER
UNZA	13,770	19' SHALLOWER
UNZB	13,970	29' DEEPER
UNZC	14,346	138' DEEPER
QUSB	14,680	281' DEEPER
QBHS	16,043	77' SHALLOWER
SARH	16,068	71' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	8 3/8	N	DRLG	RR	TDS	RIG	16730	16730			CHANGE OUT TDS WASH PIPE DUE TO HOURS. > CHANGE OUT LWCV ON TDS. > SERVICE TDS. > MEANWHILE MONITORED WELL ON TRIP TANK.
0530 - 0600	0.5	0	8 3/8	N	WH	OTH	NA	RIG	16730	16730			M/U JETTING TOOL, RIH JET BOP & WELLHEAD PRIOR TO RETRIEVING WEAR BUSHING.
0600 - 0645	0.75	0	8 3/8	N	WH	RTRV	WBSH	RIG	16730	16730			M/U WB RETRIEVING TOOL, RETRIEVE WEAR BUSHING AS PER CIW ENGINEER, L/D WB
0645 - 0730	0.75	0	8 3/8	N	WH	OTH	NA	RIG	16730	16730			M/U JETTING TOOL, WASH BOP & WELLHEAD PROFILE.
0730 - 0900	1.5	0	8 3/8	N	BOP	BOP	BOP	RIG	16730	16730			RIH 5 STANDS 5-1/2" DP, INSTALLED CIW TEST PLUG AS PER CIW WELL HEAD ENGINEER & LANDED SAME ON WELLHEAD. > R/U TEST ASSEMBLY
0900 - 1530	6.5	0	8 3/8	N	BOP	BOPT	BOP	RIG	16730	16730			HPJSM, PRESSURE TEST 13-5/8"-15K BOP AS PER ARAMCO STANDARDS.
1530 - 1630	1	0	8 3/8	N	BOP	BOP	BOP	RIG	16730	16730			POOH 5 STANDS 5-1/2" DP & L/D TEST PLUG ASS'Y.
1630 - 1800	1.5	0	8 3/8	N	WH	PTST	WH	RIG	16730	16730			M/U CUP TEST ASSY, PRESSURE TESTED WELLHEAD & SIDE OUTLET VALVES AS PER ARAMCO PROCEDURE.
1800 - 1900	1	0	8 3/8	N	WH	OTH	NA	RIG	16730	16730			POOH & L/D CUP TESTER ASSY. RACK BACK STANDS IN MAST.
1900 - 2000	1	0	8 3/8	N	BOP	BOPT	RBOP	RIG	16730	16730			PERFORMED ACCUMULATOR DRAWDOWN TEST. POOH & L/D TAIL PIPE.
2000 - 2100	1	0	8 3/8	N	WH	RTRV	WBSH	RIG	16730	16730			M/U WEAR BUSHING ON SETTING TOOL & SET ON WELLHEAD AS PER CIW ENGINEER. POOH & L/D SETTING TOOL.
2100 - 2130	0.5	0	8 3/8	N	DRLG	PJSM	NA	RIG	16730	16730			HELD PJSM & PREPARE TO PICK UP 8-3/8" ROTARY BHA.
2130 - 0130	4	0	8 3/8	N	DRLG	LDP	BHA	RIG	16730	16730	0	1325	P/U AND M/U 8-3/8" ROTARY DRILLING BHA. > P/U & M/U NEW SMITH PDC BIT (TYPE: ZR616-C, S/N: SA01067) WITH 4X14/4X12 JETS, 1 X 8-3/8" NBRR W/MPD FLOAT VALVE, 1 X 6-1/2" DC, 1 X 8-3/8" STRR, 1 X 6-1/2" DC, 1 X 8-3/8" STRR, 1 X X/O, 1 X MPD FLOAT SUB, 1 X X/O, 22 X 6-1/2" DC, 1 X 6-1/2" HM JAR, 2 X 6-1/2" DC, 15 X 5-1/2" HWDP. > P/U TAQA JAR S/N: DJ6-650-349 ON 1/27/2026 AT 23:15
0130 - 0459	3.5	0	8 3/8	N	DRLG	TI	STDP	RIG	16730	16730	1325	9400	RIH WITH 8-3/8" ROTARY BHA ON 5-1/2" DRILL PIPE STANDS FROM MAST, IN CASED HOLE. FILLING UP EVERY 20 STANDS.

Foreman Remarks

LIMITED MORNING REPORT

WDYH-541800 EXPLORATION DRILLING BI-1514

10/15/2025 - 04/09/2026

THE OBJECTIVE OF THE WELL :
WDYH-541800 IS AN APPRAISAL WELL DESIGNED TO EVALUATE UNCONVENTIONAL POTENTIAL OF THE EASTERN PART OF WUDAYHI AREA AND ASSESS THE EXTENT AND DELIVERABILITY OF THE ORDOVICIAN TIGHT SANDS . WELL PILOT HOLE WILL BE DRILLED VERTICALLY TO 17,202 FT MD/TVD, BASED ON EVALUATION, WELL WILL BE SIDETRACKED HORIZONTALLY IN SARAH AT 20,726 FT MD / 16,239 FT TVD.
==========
RIG LOCATION & JOURNEY MANAGEMENT:
> FROM DMG, TAKE DMM - HARADH ROAD: 291 KM, EXIT RIGHT TO HARADH - AL KHARJ ROAD: 52 KM AFTER ALDREES GAS STATION 1ST SIGN BOARD TAKE U-TURN AND TURN RIGHT AT 2ND SIGN BOARD , TURN RIGHT AFTER 20KM AT 3RD SIGN BOARD , TURN RIGHT AFTER 25 KM AT 4TH SIGN BOARD INTO 8 KM SKID ROAD .
** ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
** NIGHT DRIVING IS NOT ADVISABLE.
** CALL ARAMCO OFFICE AT 013-5776145/ 013-5776141 PRIOR TO TURNING OFF MAIN BLACKTOP. PROVIDE CLERK - NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
==========
LTI FREE DAYS: 170
JSA REVISED: 1, JSA REVIEWED: 17, PTW: 17, LOTO: 0
TOTAL SOC'S: 24, STOP WORK: 4, NM: 0, DRILLS: 1 (FIRE DRILL)
IN HOUSE AUDIT 07-SEPT-2025 AUDIT ITEMS: 79, CLOSED ITEMS: 78, REMAINING OPEN: 01
IN HOUSE AUDIT 18-DEC-2025 AUDIT ITEMS: 150, CLOSED ITEMS: 135, REMAINING OPEN: 15
IN HOUSE AUDIT 10-JAN-2026 AUDIT ITEMS: 55, CLOSED ITEMS: 38, REMAINING OPEN: 17
==========
ARAMCO PERSONNEL:
> ARAMCO RIG CLERK -HARI SHRESTHA - BADGE #8039396 ON LOCATION SINCE 03/02/2025.
> ARAMCO CLERK SHAKIL AHMAD, BADGE #8249155, ARRIVED ON LOCATION 1/1/2026.
==========
ARAMCO TRUCK H-650 ON LOCATION
==========
RENTAL TOOLS:
COUGAR 6-1/2" DRILLING JAR DJ6-650-349 ON LOCATION ON 1/27/2026
==========
SANAD CREW SHORTAGE: NONE
==========
RENTALS: NONE
==========
LITHOLOGY
16,600' - 16,730': SILTSTONE (10%), SANDSTONE (90%).
MAX FORMATION GAS: 30.91 UNITS, 0.6% @ 16,730'
MIN FORMATION GAS: 3.26 UNITS, 0.065% @ 16,698'
AVG FORMATION GAS: 9.91 UNITS, 0.2% F/16,660' T/16,730'
==========
1 X MOBILE SUPPORT VAC TANKER ON DRSS# 3000287047, PLATE # 7948 NSA, ON LOCATION 03/05/25 @ 14:00 HRS
==========
CASING PLAN / ACTUAL:
30" 236# X-42 JVLW @ 120' / 120'
24" 176# JV-LW, X-42 @ 965' / 1,004'
18-5/8" 115#,K55,BTC @ 1839' / 1,869'
13-3/8" 72#,VM95HC,VT @ 4387' / 4,382'
9-5/8" 58.4#, AM-110HC,AM-HBC @ 10189' / 9,992'

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
116 PCF	2	0API	51	719 Volts	6.52	0	254,526
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.4HTHP	13	17	0.3	11 / 16	OBM	1.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
76	0	38	36	10 / 11	0	0	3.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
116 PCF	2	0API	51	715 Volts	6.52	0	254,526
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.4HTHP	13	18	0.3	12 / 16	OBM	1.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
78	0	38	36	10 / 11	0	0	3.8

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
12	16,730	16,730	DP Av	DC Av	Bit HHP	0	0	M422	8.375	SMT
Pressure	**GPM**	**Jet Vel**	0	0	0	I-Row	O-Row	DC	Location	Bearings
0	0	0				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
SA010621	ZR616C	6 x 16 /	1.178							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	0	405	430	400	5,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

LIMITED MORNING REPORT

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WDYH-541800 EXPLORATION DRILLING BI-1514

10/15/2025 - 04/09/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	0	1,625.22	XT54	XT54	24.7	170,294.029	XD105	PREM	FILE
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	458.08	1,625.22	XT54	XT54	52.51	170,294.029		CONV	FILE
14	Crossover	RIG	6.5	1	6.5	2.875	2.65	1,167.14	XT54	NC46	90	146,240.248			NAP-8193-4
13	Drillcollar	RIG	6.5	2	6.5	2.875	60.09	1,164.49	NC46	NC46	90.78	146,001.748		SPRL	RIG
12	Hydro-Mechanical Jar	CDS	6.5	1	6.5	2.5	30.85	1,104.4	NC46	NC46	1,400	140,546.778			DJ6-650-349
11	Drillcollar	RIG	6.5	22	6.5	2.875	978.61	1,073.55	NC46	NC46	90.78	97,356.778		SPRL	FILE
10	Crossover	RIG	6.5	1	6.5	2.75	2.67	94.94	NC46	NC50	90	8,518.562			1123
9	Float Sub	RIG	6.75	1	6.75	3	2.62	92.27	NC50	NC46	90.78	8,278.262			S128863-32
8	Float Sub	RIG	6.75	1	6.75	2.75	2.29	89.65	NC46	NC46	90.78	8,040.418			S128863-35
7	Crossover	RIG	6.5	1	6.5	2.75	2.66	87.36	NC50	NC46	90.78	7,832.532			64658-5-1
6	Roller Reamer	RIG	8.375	1	6.5	1.875	6.97	84.7	NC50	NC50	90	7,591.057		3 POINT	HDH-20161
5	Drillcollar	RIG	6.5	1	6.5	2.875	30.73	77.73	NC46	NC46	90.78	6,963.757		SPRL	FILE
4	Roller Reamer	RIG	8.375	1	6.5	2.25	7.62	47	NC50	NC50	90	4,174.088		3 POINT	HDH-21804
3	Drillcollar	RIG	6.5	1	6.5	2.875	31.01	39.38	NC46	NC46	90.78	3,488.288		SPRL	FILE
2	Near Bit Roller Reamer	RIG	8.375	1	6.5	2.313	7.48	8.37	NC46	NC46	90	673.2		3 POINT	HDH-21692
1	Bit	SMT	8.375	1	8.375		0.89	0.89	4-1/2 REG			0			SA010621

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	01/27/2026	N/A	N/A	SEASONAL	2,317	2X PRE TOUR SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	SMI	MJH	CTC	HUD	XLG	RIG	ARM	OTH	MI2	OTH	ARM
Category	CTRG	RIG	DFMS	SEC	JST	MPD	MLS	OTHR	OTHR	RENT	SCS	VAC	WSC
No. of Persons	15	41	2	6	0	7	10	11	2	4	1	1	2
Personnel on Loc. Hrs.	24	24	24	24	0	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	0	0	24	24	24	24	24	10	10	24

Total
102

TRUCKS/BOATS

Standby/Tankers
H-650

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	503	216	103	4000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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MDRK-21 WORKOVER-2 BI-60

10/29/2025 - 02/07/2026

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PA-218S @ MDRK-21 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-218S
Well: MDRK-21
Wellbores: (0-1) MDRK_21_1

Charge #: (71-25514-0021)
Wellbores: (0-1) MDRK_21_1

Objective : (SIDETRACK IN TWO-HOLE SIZE TO 60 FT-TVD INTO UNZA-S3)

Foreman(s): WANG, YICHEN / ELDAFRAWY, MOHAMED IBRAHIM / ALSAAD, ABDULRAHMAN ADEL
Engineer: OMINI, PETER ITAM
Manager: OMRAN, MOHAMMAD JAFFAR

THURAYA	RIG FORMAN VSAT	FAX VSAT
0088216777 12367	6739089	880-6107

CONTRACTOR /CLERK VSA T: 6771163

Last 24 hr operations
SPOT SCREEN OUT MUD, F/C, POOH, CIRC & SCREEN MUD, POOH, RUN 4-1/2" LOWER COMPLETION W/ WFD SAND SCREEN & 4-1/2" HALL LINER HGR.

Next 24 hr plan
RUN 4-1/2" LOWER COMPLETION ON DRIFTED 4" & 5-1/2" DP, BREAK CIRC. SET 4-1/2" LNR HGR, POOH & L/D EXCESS 4" HWDP & 4"DP.

Location
. 305 KM F/ DMG. 45 KMS ON KHARKEER RD, LEFT 16 KMS ON SKID RD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,832	9 5/8	11980	11980	7	8,787	15,691	15,667

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15832	74.6 (11/14/2025@1500)	100	0	306	306

Formation Tops

Formations	Top Depth	Comments
BKDC	15,502	15' SHALLOWER (AT 15,478' TVD)
PKFU	15,580	11' SHALLOWER (AT 15,555' TVD)
UNZA	15,683	89' SHALLOWER (AT 15,668' TVD)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0645	1.75	0-1	EOW	C	CT	CIRC	MPMP	RIG	15832	15832			CON'T CIRCULATE TILL SHAKERS CLEAN. - SPOT 50 BBL OF 82 PCF PST TESTED SCREENED MUD ON BOTTOM.
0645 - 0730	0.75	0-1	EOW	C	CT	TO	STDP	RIG	15832	15832	15832	15440	POOH WITH 5-7/8" REAMING BHA ON 5-1/2" DP'S FREELY ON ELEVATOR TO 15,440' (250' ABOVE 7"SHOE).
0730 - 1330	6	0-1	EOW	C	CT	CIRC	MPMP	RIG	15832	15832			CIRCULATE AND SCREENING 82 PCF INNOVERT MUD, WFD COUNDUCTED PST TEST. >> ACHIVED 3EA CONSISTENT SUCCESSFUL PST TESTS.
1330 - 1400	0.5	0-1	EOW	C	CT	WCNT	NA	RIG	15832	15832			FLOW CHECK, WELL STATIC, DROP 3-1/2" HOLLOW DRIFT.
1400 - 1745	3.75	0-1	EOW	C	CT	TO	STDP	RIG	15832	15832	15440	8787	POOH W/ 5-7/8" REAMING BHA WET ON 5-1/2" DP TO 7" TOL.
1745 - 1815	0.5	0-1	EOW	C	CT	WCNT	NA	RIG	15832	15832			FLOW CHECK, WELL STATIC.
1815 - 1900	0.75	0-1	EOW	C	CT	TO	STDP	RIG	15832	15832	8787	7475	POOH W/ 5-7/8" REAMING BHA WET ON 5-1/2" DP TO TOP OF 4" DP AT 7,475'
1900 - 1930	0.5	0-1	EOW	C	CT	HT	STRG	RIG	15832	15832			CHANGE TO 4" ELEVATOR & HANDLING TOOLS. DROP 2.5" HOLLOW DRIFT IN 4" DP. > FLOW CHECK, WELL STATIC.
1930 - 2245	3.25	0-1	EOW	C	CT	TO	STDP	RIG	15832	15832	7475	1345	POOH W/ 5-7/8" REAMING BHA WET ON 4" DP TO TOP OF BHA.
2245 - 2315	0.5	0-1	EOW	C	CT	CIRC	MPMP	RIG	15832	15832			FLOW CHECK, WELL STATIC.
2315 - 0100	1.75	0-1	EOW	C	CT	HT	BHA	RIG	15832	15832			PJSM, POOH & RACK BACK 4" HWDP, L/D X/O'S, REMAERS, 4-3/4" DC'S & 5-7/8" SMITH PDC BIT.
0100 - 0130	0.5	0-1	EOW	C	COMP	RR	DWKS	RIG	15832	15832			SERVICE DRAWWORKS. CLEAN UP RIG FLOOR.
0130 - 0300	1.5	0-1	EOW	C	COMP	HT	PEL	MSD	15832	15832			PJSM, R/U AL-MASAOOD POWER TONG, HANDLING & RUNNING GEARS FOR 4-1/2" CHROME TBG AND JAM UNIT, TEST SAME,OK.
0300 - 0330	0.5	0-1	EOW	C	COMP	PJSM	SCRN	RIG	15832	15832			PJSM WITH RIG CREW, WFD ENGINEERS, CSG RUNNING COMPANY, HALL LINER HANGER OPERATORS AND ARAMCO REP.
0330 - 0459	1.5	0-1	EOW	C	COMP	RPCS	LWCOM	MSD	15832	15832	0	450	M/U & RIH 4-1/2" LOWER COMPLETION (WFD STAND ALONE CHROME 13.5#, S13%CR SCREEN & HALLX-GRIP LINER HGR. > LOWER COMPLETION ASSY: (4-1/2" HALL CHROME BULL PLUG, 4 JTSX 4-1/2" WFD MAXFLO SCREENS, 5 JTS X 4-1/2" 13.5# VM-95-13CRSS VTOP-HC TBG, CERAMIC DISC, 1 JTSX 4-1/2" 13.5# VM-95-13CRSS VTOP-HC TBG & 7"X4-1/2" HALLX-GRIP LINER HGR ASSY). > PICK UP ALL SCREENS WITH CRANE....ONGOING.

Workover Objectives

Foreman Remarks

MDRK-21 TO DE-COMPLETE, MILL +/-776 FT. OF 7" LINER (TIW LINER HANGER), SIDETRACK AND DRILL THE WELL DEVIATED (S-SHAPE, MAX 14.8 DEG. INCLINATION) IN TWO-HOLE SIZES TARGETING UNZA RESERVOIR. THE WELL WILL BE COMPLETED WITH WEATHERFORD SAND-SCREEN AND HALLIBURTON THT PACKER ON 4-1/2" 13.5# CS PRODUCTION TUBING.
========== ARAMCO PERSONNEL ==========
> ARAMCO FOREMAN IBRAHIM ALANAZI ID#815242 ON LOCATION SINCE 01/26/2026.
> ARAMCO MC, ALI AL JAFAR # 7218153 ON LOCATION SINCE 01/20/2026.
> ARAMCO PDP TURKI ALSOWAYIGH #840276 ON LOCATION SINCE 01/27/2026.

LIMITED MORNING REPORT

MDRK-21 WORKOVER-2 BI-60

10/29/2025 - 02/07/2026

> ARAMCO FCT, ADIL SHIKH ID#295681 LEFT LOCATION AT 1400 HRS ON 01/27/2026.
========== RIG VISIT ==========

========== HSE ==========
> D&WO HSE ALERTS -
HSE ALERT - 09-26 - TRUCK ROLLOVER.
HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED.
USE PROPER TOOLS TO PERFORM TASKS, HANDS FREE TOOLS (HFT).

> DISCUSSED TOPICS: SANAD 10 RULES TO LIVE BY 3 - VERIFY ISOLATION BEFORE WORK BEGINS (LOCK OUT / TAG OUT).
> ARAMCO LIFESAVING RULE 08 - POSITION YOURSELF IN A SAFE LOCATION.
> SOC ENTERED IN SLS: 7 & SAFETY OBS: 25
> 4TH QRT 3MCI, TOTAL FINDINGS=35, CLOSED ITEMS=34, OPEN ITEMS=1.
> RHSEI TOTAL FINDINGS=60, CLOSED ITEMS=58, OPEN ITEMS=2.
> 2ND RHSEI TOTAL FINDINGS=50, CLOSED ITEMS=57, OPEN ITEMS=3.
> WCI TOTAL FINDINGS=29, CLOSED ITEMS=29, OPEN ITEMS= 0.
> 2ND HAZACOM, TOTAL FINDINGS=37, CLOSED ITEMS=37, OPEN ITEMS=0.
========== DIRECTIONAL DRILLING REMARKS==========

========== 3 RD PARTY PERSONNEL & EQUIPMENT ==========
> EMC MUD ENGINEER SINCE SPUD.
> BAROID MUD ENG ON LOCATION.
> AL-MASOOD TUBING RUNNING CREW ON LOCATION AT 1100 HRS ON 01/27/2026.
> HALLIBURTON LINER HANGER ENG ON LOCATION AT 1200 HR ON 01/26/2026.
> WEATHERFORD MWD ENG. ON LOCATION 01/17/2026 1700 HRS.
> RELEASED MI-SWACO CENTRIFUGE ON 01/27/2026.
> NESR FILTRATION CREW ON LOCATION AT 1400 HRS SINCE 01/27/2026.
========== JOURNEY MANAGEMENT ==========
> RIG LOCATION: 366 KM FROM DMG (45 KM F/HRDH INTERS. ON KHARKEER ROAD,THEN 16 KM SKID ROAD TO THE LEFT)
========== RENTAL TOOLS ==========
> NESR 4-3/4" DRILLING JAR W/ XT-39 CONN SN# HJDA-488-0005 FROM 01/16/2026 @ 20:00 PM.
> 01 EA ROBUA ALSMAN SPRAY TANKER LOCATION SINCE 11/26/2025.
==========DRLG FLUID COST OPTIMIZATION==========
> RECEIVED 500 BBL 91 PCF OBM FROM SDGM MUD PLANT ON 11/30/2025.
> RECEIVED 800 BBL 96 PCF OBM FROM SDGM MUD PLANT ON 12/03/2025.
> RECEIVED 420 BBL 96 PCF OBM FROM SDGM MUD PLANT ON 12/12/2025.
> RECEIVED 500 BBL 110 PCF OBM FROM HRDH MUD PLANT ON 12/13/2025.
> RECEIVED 1,000 BBL 100 PCF OBM FROM HRDH MUD PLANT ON 01/16/2026.
> RECEIVED 1,000 BBL 100 PCF OBM FROM HRDH MUD PLANT ON 01/17/2026.
> TRANSFER 700 BBL 130 PCF OBM TO SND-2010 ON 01/26/2026.
========== DRLG BIT OPTIMIZATION ==========
> RUN 8-3/8" BAKER REFURISHED PDC BIT (TYPE: DD506X, S/N: 7912837R).
> RUN 5-7/8" SMITH REFURISHED PDC BIT (TYPE: MR613-C, S/N: SA00324).
========== WELLSITE & NEXT WELL ==========
> NEXT WELL: MDRK-89, 100% READY.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	62	390 Volts	4.4	0	29,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
135	1.8HTHP	20	13	0	10 / 15	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	26	18	6 / 7	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	62	390 Volts	4.4	0	29,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
135	1.8HTHP	20	14	0	10 / 15	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	27	18	6 / 7	0	0	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
19RR	15,694	15,832	DP Av	DC Av	Bit HHP	N/A	N/A	M333	5.875	SMT
Pressure	**GPM**	**Jet Vel**	370.65	574.14	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,500	280	N/A				1	1	WT	A	X
Serial Numi	**Type**	**Jets**	**TFA**							
SA00324	MR613C	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Username: YUAYANAL
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LIMITED MORNING REPORT

MDRK-21 WORKOVER-2 BI-60

10/29/2025 - 02/07/2026

أرامكو السعودية
saudi aramco

	Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	01/18/2026	N/A	N/A	N/A	2,357	DAILY PRETOUR MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	NFT	SWK	RIG	BAR	EMC	RIG	ARM	WCS	MI2	OTH	ARM	HLH	
Category	FILT	CTRG	RIG	DFMS	DFMS	OTHR	OTHR	PSIE	SCS	VAC	WSC	LHES	
No. of Persons	3	15	51	1	1	6	3	2	1	5	3	2	Total 93
Personnel on Loc. Hrs.	15	24	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	12	0	12	12	12	12	12	12	12	10	24	12	

TRUCKS/BOATS

Standby/Tankers
E-784

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	578	127	67	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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JABU-2 EXPLORATION DRILLING-1 BI-3300

11/17/2025 - 02/28/2026

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PA-326S @ JABU-2 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-326S
Well: JABU-2
Wellbores: (0-1) JABU_2_1

Charge #: (75-24831-0002)
Wellbores: (0-1) JABU_2_1

Objective : (ARAMCO TRANSITION MINERALS - BRINE EXPLORATION AND DEVELOPMENT PROGRAM)

Foreman(s): KHEDR, MOHAMED IBRAHIM MAHMOUD / MISCOI, MIHAIL / ABUALHUDA MOHAMED, ABUALHUDA MOHAMED
Engineer Manager: KHALIL, ANAR / SLATEWALA, HUZEFA SHABBIR / OTAIBI, GHANNAM ABDULHADI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167778 5443	577-9327	577-9306

CONTRACTOR /CLERK VSA T: 577-9315

Last 24 hr operations
BOP TEST. SPOT 21' OF CMT WITH W/L DUMP BAILER.

Next 24 hr plan
SPOT LAST 7' OF CMT WITH W/L DUMP BAILER. RUN UPPER COMPLETION.

Location
TOTAL 480 KM FROM DMG BY ABU-HADRIYA / NAIRYAH HW. TURN RIGHT & THEN LEFT ACCESS 100 KM SKID ROAD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
18,032	9 5/8	13049	13049	4 1/2	13,030	15,099	14,202

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
18032	72.2 (11/17/2025@0130)	100	0	406	480

Formation Tops

Formations	Top Depth	Comments
ARBB	14,487	14487' MD/ 14087' TVD. 1' SHALLOW.
ABBR	14,531	14531' MD/ 14104' TVD. 5' SHALLOW

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1	EOW	C	BOP	BOP	RAMS	RIG	18032	18032			RECONFIGURE BOP, CHANGE TOP AND TOP MASTER RAMS TO 4-1/2".
0600 - 0630	0.5	0-1	EOW	C	BOP	BOP	BOP	RIG	18032	18032			FLUSH BOPE, LINES, MANIFOLD, GAS BUSTER & FLARE LINES WITH WATER.
0630 - 1330	7	0-1	EOW	C	BOP	BOPT	BOP	RIG	18032	18032			HPJSM. P/T 13-5/8" 15M CLASS "A" BOPE, WELLHEAD SOV & RELATED LINES AS PER ARAMCO STANDARDS.
1330 - 1430	1	0-1	EOW	C	BOP	SDR1	NA	RIG	18032	18032			PERFORM ACCUMULATOR DRILL. L/D TEST ASSY.
1430 - 1500	0.5	0-1	EOW	C	BOP	OTH	BOP	RIG	18032	18032			POOH & L/D PIPE.
1500 - 0459	14	0-1	EOW	C	COMP	LOG	CORRL	HWP	18032	18032	13800	13779	HPJSM, HALL W/L R/U EQUIPMENT. W/L RUN WITH 2-1/8" GRAVITY BAILER AND CCL TOOLS. TAG ON TOMBSTONE PLUG AND DUMP 21 FT OF CEMENT IN 3 RUNS. ONGOING LAST RUN.

Foreman Remarks

JABU-2-1 LATERAL WELL IS PART OF THE ARAMCO ATM- BRINE EXPLORATION AND DEVELOPMENT PROGRAM AND THIS IS 1ST LATERAL TO BE DRILLED TO PRODUCE LITHIUM-RICH BRINE PRESENT IN THE ARAB-B RESERVOIR (ABBR) SECTION TESTED IN JABU-1 AND JABU-2 VERTICAL PILOT WELLBORES. JABU_2_1 IS 1ST LATERAL TO BE DRILLED WITH AN EFFECTIVE LATERAL LENGTH OF 3,000 FT INTO THE BASE OF ABBR SECTION. IN ADDITION, THE JABU_2_1 DATA COLLECTION PROGRAM, INCLUDING MUD LOGGING, LWD LOGS AND WIRELINE LOGS, IS DESIGNED TO COMPLEMENT THE RESERVOIR CHARACTERIZATION OF THE ABBR SECTION IN JABU AREA.
==========ST WELLBORE DATA ==========
* PLANNED L-0-1 * TOW - 13,049', BOW - 13,063', SETTING DEPTH 13,075'.
- PLANNED 7" LINER AT 15,015' MD (14,208' TVD), ACTUAL AT 15,297' MD (14,203' TVD) - +/- 100' TVD IN ARAB-B RESERVOIR; ACTUAL MW: 133 PCF/149 PCF, MPD/RSS.
- PLANNED 5-7/8" OPEN HOLE TD AT 18,187' MD (14,238' TVD) - +/- 3,000' OF LATERAL SECTION; ACTUAL 18,032' MD (14,180' TVD). ACTUAL MW: 134 PCF/151 PCF, MPD/RSS.
==========ARAMCO PERSONNEL==========
- ARAMCO MATERIAL EXPEDITOR ALI ALGHAMDI #8610182 ON LOCATION 1/21/2026.
- ARAMCO DRILLING ENGINEER SLATEWALA HUZEFA #897285 ON LOCATION 1/18/2026.
- ARAMCO FCT KHALID ALQARNI #790706 ON LOCATION 1/22/2026.
==========RENTAL TOOLS & EQPT==========
* 5 FRAC/STORAGE TANKS FROM HALL (4 ARRIVED 11/16/25).
* 1 HALL BARITE SILOS ON LOCATION 11/18/25.
==========SERVICE PERSONNEL==========
1 X RAWABI-EMEC MUD ENGINEER ON LOCATION
2 X HES SILO OPERATOR ON LOCATION 11/18/25.
2 X HES FRAC TANKS OPERATORS ON LOCATION 11/16/25.
2 X AL MASAOOD CSG CREW ON LOCATION 1/16/26.
4 X HALL WIRELINE CREW ON LOCATION 1/17/26.
1 X CAMERON WELLHEAD ENGINEER ON LOCATION 1/26/2026.
1 X HALL COMPLETION ENGINEER ON LOCATION 1/26/2026.
8 X SLB SURFACE WELL TESTING CREW ON LOCATION 1/27/2026.
2 X SLB COIL TUBING CREW ON LOCATION.
==========
DRILLS: ACCUMULATOR DRILL X 1.
JSA: 15; PTW: 13; NEAR MISS: - 0; OBB: 27; SWA: 18.
HSE ALERT 6-26: ANKLE INJURY WHILE RIH
HSE ALERT 7-26: CATWALK RAMP LIFTING POINT FAILURE
HSE ALERT 8-26: ROUSTABOUT ANKLE TWISTED
HSE ALERT 9-26: DUMP TRUCK ROLLOVER WHILE UNLOADING
HSE ALERT 10-26: CAMP FIRE DUE TO UNAPPROVED RECHARGE USB CABLE
REEL-SAFE 02-26: ANKLE INJURY WHILE RIH
REEL-SAFE 03-26: CATWALK RAMP LIFTING POINT FAILURE
==========ERP==========
* JABU-2 IS IN NON-POPULATED AREA, OUTSIDE SHALLOW GAS AREA.
* 1/2 LFL @ 100 M, RER 100 PPM @ 300 M & RER 30 PPM @ 600 M.
* GOR: 980 SCF/STB & H2S 18% IN ARAB-C RESERVOIR, 12% IN RIMTHAN RESERVOIR, 2% IN HITH STRINGERS.
* RELIEF WELL: 650 M (WEST) FROM JABU-2.
==========JOURNEY MANAGEMENT PLAN==========

LIMITED MORNING REPORT

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JABU-2 EXPLORATION DRILLING-1 BI-3300

11/17/2025 - 02/28/2026

JOURNEY MANAGEMENT PLAN:
* PRIOR ENTERING JABU FIELD CALL YOUR COMPANY BASE, FILL YOUR VEHICLE WITH FUEL.
* CALL RIG AT 5779315 PRIOR ENTERING JABU FIELD.
* ALL VEHICLES SHOULD HAVE PERSONAL SURVIVAL KIT.
* SKID ROAD DISTANCE 105 KM WITHOUT MOBILE COVERAGE.
========== NEXT WELL==========
NEXT LOCATION: JFYN-300
- LOCATION PROGRESS: 100% READY.
- LAST COMMUNICATION WITH WELLSITE: 10/22/2025.
- PRE-RIG MOVE MEETING, LOCATION AND ROUTE SURVEY COMPLETED ON 10/22/2025.
- WATER WELL: JFYN-811/801. LAST COMUNICATION 10/26/2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	18,032	90	336.5	0	14,180	1229.38	-502.07	4,356.77	0.35

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	0	0API	0	0 Volts	0	8.6	370,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	4	0	1 / 2	CACLBR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	1	0	1 / 2	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	0	0API	0	0 Volts	0	8.7	380,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	4	0	1 / 2	CACLBR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	1	0	1 / 2	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	01/27/2025	CALM	NA	NORMAL	4,309	DAILY SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	MSD	SWK	SCT	HCO	RIG	EMC	MJH	BFS	RIG	ARM	SCM	SLL	BSC	ARM	CAM	HWP	SWT
Category	CSR	CTRG	COIL	PSSC	RIG	DFMS	SEC	FILT	OTHR	OTHR	PCS	SLS	SCS	WSC	WHES	WLS	WTSE
No. of Persons	2	14	2	1	43	1	8	3	13	3	3	3	3	3	1	4	8
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	12
Operating Hours.	0	0	0	6	24	24	0	24	24	24	0	0	0	24	6	17	0

Total 115

TRUCKS/BOATS

Standby/Tankers
F062

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	1000	450	127	10	3000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ABQQ-250 WORKOVER-3 BI-60

12/24/2025 - 02/02/2026

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PA-529S @ ABQQ-250 Limited Morning Report for 01/28/2026

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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-529S
Well: ABQQ-250
Wellbores: (0) ABQQ_250_0

Charge #: (71-25050-0250)
Wellbores: (0) ABQQ_250_0

Objective : (SIDETRACK TO HANIFA RES THRU GAS CAP INSIDE "ARAB-D Z1".)

Foreman(s): HASSAN, AHMED ATEF / LACHIBI, RYAD
Engineer: KHAN, AAMIR
Manager: SAAD, SAAD RASHED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12151	578 8501	578 8504
FAX VSAT	CONTRACTOR /CLERK VSA T	
	578 8506	

Last 24 hr operations: PT 7" EZSV-CR, R/D W/L, RUN CMT STINGER, SQZ CMT JOB, CHC, PT 7" EZSV-CR, SPOT HVP, POOH.

Next 24 hr plan: POOH, L/D CMT STINGER, PERFORM FULL BOP TEST, RUN WIS 7" HYD WHIPSTOCK, ORIENT & SET 7" HYD WHIPSTOCK.

Location: 60 KM FROM DHAHRAN MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,910	7	6040	6040				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6175	15.4 (01/12/2026@1900)	100	0	60	75

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	POST	N	PA	PTST	RETNR	RIG	6175	6175			HPJSM, PT 7" EZSV-CR IN STAGES TO 1000 PSI-HOLD.
0545 - 0730	1.75	0	POST	N	PA	OTH	NA	NWL	6175	6175			HPJSM, R/D NESR WIRELINE.
0730 - 0930	2	0	POST	N	BOP	NU	BNIP	RIG	6175	6175			HPJSM, N/D SHOOTING NIPPLE & N/U BELL NIPPLE.
0930 - 1000	0.5	0	POST	N	PA	OTH	NA	HCB	6175	6175			HPJSM, P/U & M/U HALL CMT STINGER ON 1 STAND 4" DP.
1000 - 1300	3	0	POST	N	PA	LDP	SPDP	RIG	6175	6175	0	2000	RIH WITH HALL CEMENT STINGER ON 4" DP FROM PIPE-RACKS TO 2000'. >> MONITOR WELL THRU TRIP TANK; WELL STATIC.
1300 - 1430	1.5	0	POST	N	PA	TI	STDP	RIG	6175	6175	2000	4910	CONT. RIH WITH HALL CEMENT STINGER ON 4" DP FROM DERRICK TO TOP OF 7" EZSV-CR @ 4910'.
1430 - 1600	1.5	0	POST	N	PA	CIRC	MPMP	RIG	6175	6175			CHC WITH 83 PCF VISCOUS BRINE IN/OUT, FLOW CHECK; WELL STATIC.
1600 - 1730	1.5	0	POST	N	PA	CIRC	MPMP	RIG	6175	6175			STING INTO 7" EZSV-CR, PT BACKSIDE TO 1000 PSI-HOLD, PERFROM INJECTIVITY TEST WITH 3.5 BPM @ 850 PSI. STING OUT FROM 7" EZSV-CR.
1730 - 1930	2	0	POST	N	PA	OTH	NA	OCT	6175	6175			SPACE OUT STRING, R/U CEMENT SURFACE LINES & PT TO 300/4000 PSI-HOLD.
1930 - 2045	1.25	0	POST	N	PA	CIRC	MPMP	RIG	6175	6175			SPOT 40 BBLS 90 PCF ARAMCO SPACER ABOVE 7" EZSV-CR, STING IN & PT BACKSIDE TO 1000 PSI-HOLD.
2045 - 2315	2.5	0	POST	N	PA	CMP	RETNR	OCT	6175	6175	4910	6175	PERFORM SQUEEZE CEMENT JOB AS FOLLOW : >> PUMP 10 BBLS VISCOUS WATER, PUMP 10 BBLS 20% HCL ACID, PUMP 15 BBLS VISCOUS WATER AHEAD. >> FLY MIX AND PUMP 87 BBLS 118 PCF CEMENT SLURRY, PUMP 20 BBLS VISCOUS WATER BEHIND AND DISPLACE ALL WITH 16 BBLS 83 PCF VISCOUS BRINE; FORMATION LOCKED @ 1400 PSI (14 BBLS UNDER DISPLACEMENT).
2315 - 0015	1	0	POST	N	PA	CIRC	MPMP	RIG	6175	6175			STING OUT & REVERSE CIRCULATE 3 X STRING CAPACITY; RECOVER 12 BBLS PURE CEMENT ON SURFACE.
0015 - 0215	2	0	POST	N	PA	CIRC	MPMP	RIG	6175	6175			DROP FOAM BALL & CIRCULATE 2 X HOLE VOLUME WITH 83 PCF VISCOUS BRINE IN/OUT AT HIGH RATE, FLOW CHECK; WELL STATIC.
0215 - 0315	1	0	POST	N	PA	CIRC	MPMP	RIG	6175	6175			PT 7" EZSV-CR TO 1000 PSI-HOLD & SPOT 20 BBLS HVP ON TOP OF 7" EZSV-CR.
0315 - 0415	1	0	POST	N	PA	OTH	NA	RIG	6175	6175			HPJSM, FLUSH & R/D CEMENT SURFACE LINES.
0415 - 0430	0.25	0	POST	N	CT	TO	STDP	RIG	6175	6175	4910	4445	POOH 5 STANDS 4" DP.
0430 - 0445	0.25	0	POST	N	CT	PJSM	STRG	RIG	6175	6175			FLOW CHECK; WELL STATIC.
0445 - 0459	0.25	0	POST	N	CT	TO	STDP	RIG	6175	6175	4445	3990	CONT. POOH WITH HALL CEMENT STINGER ON 4" DP..... INC @ RT. >> MONITOR WELL THRU TRIP TANK; WELL STATIC.

Workover Objectives

Foreman Remarks

>> ODF CORRECTION = - 10 FT.
>> GOR = 810 SCF/STB.
========== SAFETY ==========
>> HELD RIG SAFETY MEETING WITH ALL PERSONNEL. DISCUSSED LATEST HSE/OPERATION ALERTS.
========== ARAMCO BOP==========
>> ARAMCO TOOLPUSHER FAHAD AL-QARNI ID# 774573 ON LOCATION SINCE 01/25/2026.

Username: YUAYANAL
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LIMITED MORNING REPORT

ABQQ-250 WORKOVER-3 BI-60

12/24/2025 - 02/02/2026

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========== NEXT WELLS ==========
>> ANDR-3025 : KOM HELD ON 12/02/2025 : STRIP OUT : 0%, LOCATION PREPARATION : 0%.
>> ANDR-3026 : KOM HELD ON 12/02/2025 : STRIP OUT : 0%, LOCATION PREPARATION : 0%.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
83 PCF	0	0API	0	0 Volts	0	9.2	281,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	88	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
50	0	0	12	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
83 PCF	0	0API	0	0 Volts	0	9.2	280,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	88	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
50	0	0	12	0 / 0	0	0	0

MUD TREATMENT

XC	BARITE-BULK	AQGL
6 (55LB)	7 (5000L)	10 (50LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/09/2026	AS REQUIRED	N/A	N/A	N/A	6,701	PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	GDF	MJH	ASH	MH2	ARM	ARM
Category	CTRG	RIG	DFMS	SEC	FLD	H2S	OTHR	WSC
No. of Persons	15	61	2	7	2	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	24	12	24

Total
92

TRUCKS/BOATS

Standby/Tankers	Others
F-104	Sanad-by AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	900

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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GHZL-120 DEVELOPMENT DRILLING BI-60

12/14/2025 - 03/01/2026

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PA-604S @ GHZL-120 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-604S
Well: GHZL-120
Wellbores: (0) GHZL_120_0

Charge #: (66-25075-0120)
Wellbores: (0) GHZL_120_0

Objective : (DRILLING)

Foreman(s): MOGDAD, YOUCEF / ABDELAWAD, GAD SHEHATA
Engineer: TELMESANI, ABDULWAHAB WALID / ALSHAMMARY, MOHAMMED KHULAIF
Manager: SAIARI, WALEED AAMER

THURAYA	RIG FORMAN VSAT	FAX VSAT
0088216777 12894	577-9338	577-9331

CONTRACTOR /CLERK VSA T: 577-9333

Last 24 hr operations
CONT'D N/U 13-5/8" 10M BOP, P/T BOPE, L/D 12" BHA FROM DERRICK. P/U 8-3/8" ROTAY/MWD BHA.

Next 24 hr plan
RIH W/ 8-3/8" ROT/MWD DRLG BHA, D/O 9-5/8" DVT, RIH, D/O 9-5/8" CSG SHOETRACK, DISPLACE TO 105 PCF OBM, P/T CSG, C/O CMT & F/S, DRILL 10' NEW FM TO 9,430', FIT.

Location: GHZL-120
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,420	9 5/8	9410	9410				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9420	28.3 (12/30/2025@2200)	100	0	320	320

Formation Tops

Formations	Top Depth	Comments
ARUM	220	6' DEEPER.
LAMS	505	9' DEEPER.
WASI	760	28' SHALLOWER.
SHUB	1,895	6' SHALLOWER.
BYDH	2,000	29' SHALLOWER.
MDTM	3,525	8' SHALLOWER.
SULY	3,880	101' DEEPER.
HITH	4,350	22' SHALLOWER
ABAR	4,830	14' SHALLOWER
ABBR	4,980	31' DEEPER
ABCR	5,160	34' DEEPER
ABDR	5,360	18' DEEPER
BADR	5,560	4' DEEPER
UHFR	5,950	20' DEEPER
HDRR	6,425	2' DEEPER
DHRM	6,920	31' DEEPER
LFDR	7,010	60' DEEPER
BLFR	7,100	79' DEEPER
HURN	7,570	15' SHALLOWER
MRRT	7,890	18' SHALLOWER
MNJR	8,020	37' SHALLOWER
JILH	8,770	25' SHALLOWER
JLDM	9,170	23' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0800	3	0	12	N	BOP	NU	BOP	RIG	9420	9420					CONT'D N/U 13-5/8" 10M BOP STACK WITH ALL RELATED LINES. - INSTALLED BELL NIPPLE & CONNECTED FLOW LINE. - INSTALLED BOP CONTROL HYDRAULIC LINES. - CHANGED TOP RAM FROM 9-5/8" CSG TO 5-1/2" DP RAMS.
0800 - 1300	5	0	12	N	BOP	NU	BOP	RIG	9420	9420			JF	965560	EXCESSIVE TIME FOR N/U 13-5/8" 10M BOP STACK.
1300 - 1430	1.5	0	12	N	BOP	OTH	BOP	RIG	9420	9420					RIH W/ 3 STDS 5-1/2" HWDP & 5 STDS 5-1/2" DP, M/U CIW 11" TEST PLUG ASSY & SET SAME INTO THS. - FLUSHED BOP STACK, CHOKE MANIFOLD & POOR BOY DEGASER WITH WATER.
1430 - 2100	6.5	0	12	N	BOP	BOPT	BOP	RIG	9420	9420					HPJSM, PRESSURE TESTED 13-5/8" 10M BOPE AS FOLLOWS: - P/T ANNULAR TO 300/7,000 PSI. - P/T RAMS, VALVES, CHOKE/KILL LINES TO 300/8,500 PSI. - CONDUCTED ACCUMULATOR DRAW DOWN TEST. - P/T OFFLINE CHOKE MANIFOLD & EMERGY KILL LINE TO 300/8,500 PSI.
2100 - 2230	1.5	0	12	N	BOP	OTH	BOP	RIG	9420	9420					POOH WHILE L/D CIW 11" TEST PLUG ASSY, R/B 5 STDS 5-1/2" DP & L/D 3 STDS HWDP.
2230 - 2330	1	0	12	N	WH	SET	WBSH	IWS	9420	9420					P/U VG RUNNING TOOLS & INSTALLED VG 11" WEAR BUSHING.
2330 - 0330	4	0	12	N	DRLG	LDP	BHA	RIG	9420	9420	0	0			HPJSM, L/D 12" BHA FROM DERRICK (5 STDS 8-1/2" DC & 2 STDS 6-5/8" HWDP).
0330 - 0459	1.5	0	12	N	DRLG	HT	BHA	RIG	9420	9420					HPJSM, P/U & M/U SEC 8-3/8" RR PDC BIT W/ WFD 6-3/4" MWD TOOL & CX 6-3/4" PBL SUB ROTARY DRLG BHA ... ON GOING. - BIT DETAILES: REFURBISHED PDC BIT, MM65DH, SN# 13567255R, 6X12 JETS.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary

LIMITED MORNING REPORT

GHZL-120 DEVELOPMENT DRILLING BI-60

12/14/2025 - 03/01/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
27 Jan 1430	5		10	965560			JF	XTTE			BOP		RIG	9420	EXCESSIVE TIME FOR N/D & N/U 13-5/8" 10M BOP.

Foreman Remarks

GHZL-120 WILL BE DRILLED AS AN MK-1 DEVIATED WELL FOR UBCTD TARGETING UNAYZAH RESERVOIRS TO 5' TVD INTO UNZC FM AND COMPLETED WITH 10K 4-1/2" CEMENTED LINER. THE WELL WILL BE MAINTAINED POTENTIAL (MP) WELL IN THE CENTRAL-WEST OF GHZL FIELD.

========== ERP ==========
- STAGING AREA #1 COORDINATES 0.935 (KM) NORTH-WEST N-24.09285 E-48.12033.
- STAGING AREA #2 COORDINATES 0.815 (KM) SOUTH-WEST N-24.08248 E-48.11540.

========== JOURNEY MANAGEMENT PLAN ======
- DISTANCE FROM DMG: 320 KM (317 KM BLACKTOP + 3 KM SKID ROAD).
- RIG LOCATION: 103 KM F/ HRDH BRIDGE IN AL-KHARJ ROAD, THEN TURN LEFT 14 KM AFTER GHZL BRIDGE, THEN 3 KM SKID.

========== ARAMCO PERSONNEL ==========
- ARAMCO FCT HAMAD ALMARRI ID# 827359 ON LOCATION SINCE 01/27/2026.

========== VISITORS ==========
- NONE.

========== SAFETY & DRILLS ==========
* PRE-TOUR SAFETY MEETINGS: 2, WEEKLY SAFETY MEETING: 0, STAND DOWN MEETING: 0. RIG MOVE MEETING: 0.
* SAFETY MEETING TOPICS:
- DISCUSS ONGOING HAND & FINGER SAFETY CAMPAIGN FOCAL POINT ON USE OF HAND FREE TOOLS & HAND PLACEMENT.
- DISCUSSED ONGOING OPERATION NIPPLE UP BOP PRESSURE TEST, EMPHASIS PRE -USE INSPECTION OF LINES, TEST PUMP & CONNECTIONS.
* DISCUSSED REPORTED SAFETY OBSERVATION:
- IMPORTANCE OF FALL PROTECTION AND 100% TIE-OFF. CORRECT ANCHORAGE POINTS (RATED, SECURE, ABOVE SHOULDER LEVEL WHEN POSSIBLE).
- FALL CLEARANCE REQUIREMENTS (ENSURE ENOUGH DISTANCE TO STOP A FALL SAFELY). PENDULUM / SWING-FALL PHENOMENON RISKS & HAZARDS).
- PROPER USE OF FULL BODY HARNESS AND LANYARD. INSPECTION OF HARNESS, LANYARD, AND CONNECTORS BEFORE USE.
- AVOID WORKING SIDEWAYS AWAY FROM THE ANCHOR POINT. CONSEQUENCES OF IMPROPER ANCHORAGE AND INSUFFICIENT CLEARANCE.
* STOP CARDS: 20, INC/NEAR MISS: 0, STOP WORK AUTHORITY: 4.
* SAFETY ALERTS DISCUSSED: HSE ALERT 10-26: FIRE & PROPERTY DAMAGE IN ACCOMMODATION / HSE ALERT 08-26: ROUSTABOUT ANKLE TWISTED.
* DRILLS: 3 (H2S RELEASE DRILL: 1, SWA DRILL: 1, ACCUMULATOR DRILL: 1).
* PERMITS TO WORK: 13 (COLD WORK: 7, CONFINED SPACE: 3, FUEL TRANSFER PERMIT: 2, LIFTING PERSONAL PERMIT: 1).

========== AUDIT ==========
* LPD (06/25/2025): FINDINGS: 27,CLOSED: 27 & OPEN:0.
* RHSEI (05/19/2025): FINDINGS: 33, CLOSED: 33 & OPEN: 0.
* PCI (04/09/2025): FINDINGS: 136, CLOSED: 136 & OPEN: 0.
* QSI 4TH QTR (02/12/ 2025): 56, CLOSED: 52 & OPEN: 3.

========== RIG KPI RECORDS ==========
- DP TRIPPING SPEED: 19 STDS/HR, ACTUAL: 19 STDS/HR.
- RUN 18-5/8" CSG: 7 JTS/HR, ACTUAL: 7.7 JTS/HR.
- RUN 13-3/8" CSG: 11.5 JTS/HR, ACTUAL: 6.3 JTS/HR.
- RUN 9-5/8" CSG: 14 JTS/HR, ACTUAL: 11 JTS/HR.
- RUN 7" LINER: 14 JTS/HR, ACTUAL: N/A.
- RUN 4-1/2" COMPLETION LINER: 13.5 JTS/HR, ACTUAL: N/A.
- RUN 4-1/2" UPPER COMPLETION: 13.5 JTS/HR, ACTUAL: N/A.
- N/U 18-5/8" X 18-3/4" 5M CHH: 5 HRS / ACTUAL: 4.5 HRS.
- N/U 18-3/4" X 13-5/8" 10M CHS: 4 HRS / ACTUAL: 3.5 HRS.
- N/U 13-5/8" X 11" 10M THS: 4 HRS / ACTUAL: 3.5 HRS.

========== RENTAL TOOLS ==========
- SLB 4 X 500 BBLS FRAC TANKS RIGGED UP ON LOCATION SINCE 01/22/2026.
- SLB 6-1/2" DRILLING JAR SN# 15987G ON LOCATION SINCE 01/26/2026.
- CX 7" DAV MX PBL SUB SN# CC1A1092 ON LOCATION SINCE 01/26/2026.

==========WELLSITE SERVICE==========
- RAC SPRY WATER TANKER PLAT #8186/BTA, DOOR #770 ON LOCATION SINCE 01/03/2026.

========== ARAMCO VEHICLE ==========
- ARAMCO VEHICLE NO: (F-103) ON LOCATION, NEXT PM SERVICE ON 02/15/2026.

========== NEXT WELLS ==========
- GHZL-122 LOCATION: 100% READY.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	1	3.8API	0	0 Volts	5.91	9.5	50,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	12.8HTHP	90	25	0	9 / 12	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	1	15	10	9 / 11	0	400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	1	3.8API	0	0 Volts	5.91	9.5	50,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

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LIMITED MORNING REPORT

GHZL-120 DEVELOPMENT DRILLING BI-60

12/14/2025 - 03/01/2026

أرامكو السعودية
saudi aramco

0	12.8HTHP	90	24	0	9 / 12	NCPOL	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
53	1	16	10	9 / 11	0	400	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
5RR	9,420	9,420	DP Av	DC Av	Bit HHP	N/A	N/A	M443	8.375	SEC
Pressure	GPM	Jet Vel	0	0	0	I-Row	O-Row	DC	Location	Bearings
N/A	0	0				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
13567255	MM65DH	6 x 12 /	0.663							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	31	1,311.19	XT54	XT54	24.7	106,587.577	CYX105	PREM	
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	12	5.5	3.25	364.41	1,280.19	XT54	XT54	54	105,821.877		CONV	
13	Crossover	RIG	6.75	1	6.75	2.875	2.45	915.78	XT54	NC46	90.3	86,143.737			5670231
12	Drillcollar	RIG	6.5	3	6.5	2.25	92.07	913.33	NC46	NC46	96	85,922.502		SPRL	
11	Hydraulic Jar	SJS	6.75	1	6.75	2.75	31.13	821.26	NC50	NC50	96	77,083.782			15987G
10	Drillcollar	RIG	6.5	23	6.5	2.25	699.97	790.13	NC46	NC46	96	74,095.302		SPRL	
9	Crossover	RIG	6.5	1	6.5	2.75	3.25	90.16	NC46	NC50	90.3	6,898.182			200-052
8	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20.6	86.91	NC50	NC50	27.7	6,604.707			CC1B0036
7	Roller Reamer	RIG	8.375	1	6.5	2.25	12.77	66.31	NC50	NC50	90.3	6,034.087		3 POINT	HDH21561
6	Float Sub	WDS	6.75	1	6.75	2.875	3.65	53.54	NC50	NC50	99.15	4,880.956			18992220
5	Measurement While Drilling (MWD)	WDS	6.75	1	6.75	2	21.37	49.89	NC50	NC50	99.15	4,519.059			AK260065
4	Roller Reamer	RIG	8.375	1	6.5	1.875	10.03	28.52	NC50	NC50	90.3	2,400.223		3 POINT	HDH21628
3	Pony Collar	RIG	6.5	1	8.5	3	10.01	18.49	NC46	NC46	85	1,494.514			HDH79035
2	Near Bit Roller Reamer	RIG	8.375	1	6.5	2.313	7.53	8.48	NC46	NC46	85.48	643.664		3 POINT	21527
1	Bit	SEC	8.375	1	8.375		0.95	0.95	4 REG			0			13567255

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	01/27/2026	N/A	N/A	N/A	1,469	DAILY OPERATION

PERSONNEL AND SERVICES INFORMATION

Company	GOS	WDS	RIG	OES	SMI	MJH	RIG	ARM	OTH	OTH	ARM	CAM	CRW
Category	CTRG	DPDS	RIG	DFMS	DFMS	SEC	OTHR	OTHR	RENT	VAC	WSC	WHES	WBCS
No. of Persons	16	2	45	1	1	8	4	1	1	3	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	13
Operating Hours.	0	0	24	12	12	0	12	12	12	12	24	12	0

Total
87

TRUCKS/BOATS

Standby/Tankers
F103 (next pm due on 2/15/2026)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	561	231	61	1900

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-632 WORKOVER-4 BI-60

10/16/2025 - 02/05/2026

PA-622S @ HRDH-632 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-622S
Well: HRDH-632
Wellbores: (0-1) HRDH_632_1

Charge #: (71-25058-0632)
Wellbores: (0-1) HRDH_632_1

Objective : (DE-COMPLETE, RETRIEVE 7" THT & 7" FAB PKR, SIDETRACK, DRILL 5-7/8" HOLE TO KHUFF-C)

Foreman(s): ZEID, SAMIR ALI / ABDULLAH, AQEEL HUSSAIN / ALY, ZAKARIA RAMADAN
Engineer Manager: WIJANARKO, MUHAMMAD / AALSUBHI, NAIF ABDULLAH ALI, ALI MOHAMMAD

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12241	577-6190	577-6188

Last 24 hr operations
RIH 7" HALL XTREMEGRIP LNR HGR TO BTM, PERFORM 2ND STAGE DISPLACE WITH 130 PCF, CIRC, CMT & SET 7" LNR R/D WFD RCD BEARING & POOH.

Next 24 hr plan
R/D WFD RCD, MPD EQUIPMENT, INSTALL BELL NIPPLE, RECONFIGURE & P/T BOP, RIH COMBINED 7" & 9 5/8" WBCO ALONG W/ LNR +/- VE TEST EQPT.

Location
247 KM FROM DMG, 8 KM NORTH OF HARADAH TRIANGLE GO 2 KM EAST THEN 2 KM NORTH TO LOCATION.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,859	9 5/8	9150	9150				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10859	82.4 (11/06/2025@1800)	100	0	247	247

Formation Tops

Formations	Top Depth	Comments
MDJR	9,380	TVD 9380 FT
SUDR	10,113	TVD 10081 FT
SDDM	10,422	TVD 10346 FT
BSRD	10,451	TVD 10370 FT
KHFF	10,838	TVD 10659 FT

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1	8 3/8	N	CSG	CIRC	MPMP	RIG	10859	10859			FIN'D 1ST STAGE DISPLACEMENT FROM 141 PCF TO 130 PCF OBM FOLLOWING WFD MPD STEP DOWN CHART TARGETING EMW 141 PCF. (KEPT BHP & BH ECD CONSTANT) > CONDITION MUD IN/OUT TO 130 PCF OBM.
0600 - 0800	2	0-1	8 3/8	N	CSG	RCSG	STRG	RIG	10859	10859	9150	10240	RIH 7" X 9-5/8" -10M HALL XTREME-GRIP LINER HGR. ON 5-1/2" DRIFTED DP, HAD OBSTRUCTION @ 10,240 FT > FILL STRING & BREAK CIRCULATION EVERY 10 STANDS. > MONITOR WELL THROUGH WFD MPD, WELL STATIC.
0800 - 1000	2	0-1	8 3/8	N	CSG	RW	CSG	RIG	10859	10859	10240	10859	PREC WASH & REAM DOWN WITH HALL XTREME-GRIP LINER HGR ON 5-1/2" DRIFTED DP TILL TAGGED BOTTOM @ 10,859 FT. CONFIRMED SAME TWICE WITH 10 K.LB. > MONITOR WELL THROUGH WFD MPD, WELL STATIC.
1000 - 1200	2	0-1	8 3/8	N	CSG	CIRC	MPMP	RIG	10859	10859			HPJSM, PERFORMED 2ND STAGE DISPLACEMENT FROM 141 PCF TO 130 PCF OBM FOLLOWING WFD MPD STEP DOWN CHART TARGETING EMW 141 PCF. (KEPT BHP & BH ECD CONSTANT) > CONDITION MUD IN AND OUT TO 130 PCF OBM.
1200 - 1300	1	0-1	8 3/8	N	CSG	HT	PEL	RIG	10859	10859			P/U 3 FT OFF BTM, P/U & M/U HALLIBURTON CMT HEAD & SPACE OUT LINER HANGER @ SETTING DEPTH. > RECORDED P/U WT : 290 KLBS & S/O WT: 235 KLBS WITHOUT PUMP.
1300 - 1330	0.5	0-1	8 3/8	N	CSG	PTST	MPMP	RIG	10859	10859			HELD PJSM. R/U NPS CMT UNIT & SURFACE LINES & P/T SAME TO 9,000 PSI, HOLD OK.
1330 - 1430	1	0-1	8 3/8	N	CSG	CIRC	MPMP	RIG	10859	10859			CIRC BTM UP @ 3 BPM & INCREASE GRADUALLY TO 4 BPM, PRESSURE STABILIZED AT 1,150 PSI WHILE NPS BATCH MIXING CMT SLURRY. > RIG PUMPED 150 BBLS 130 PCF LOW RHEOLOGY OBM.
1430 - 1500	0.5	0-1	8 3/8	N	CSG	PJSM	LINR	NCS	10859	10859			HPJ SAFETY & OPERATION MEETING, DISCUSSED GAME PLAN, HIGHLIGHTED RISKS & MITIGATIONS.
1500 - 1700	2	0-1	8 3/8	N	CSG	CMC	LINR	NCS	10859	10859			NPS PERFORMED 7" LINER CMT JOB UTILIZING WFD MPC. > PUMPED 100 BBLS LOW RHEOLOGY MUD > PUMPED 100 BBLS 134 PCF NESR SPACER AHEAD. > PUMPED 61 BBLS 142 PCF BATCH MIXED LEAD SLURRY FOLLOWED BY 30 BBLS 145 PCF BATCH MIXED TAIL SLURRY + ADDITIVES AS PER CMT PROGRAM. > HALLIBURTON DROPPED DART PLUG, FLAG TRIPPED. > NPS DISPLACE WITH 5 BBLS CMT + 10 BBLS 141 PCF NPS SPACER + 69 BBLS 141 PCF OBM + 30 BBLS 141PCF NPS SPACER + 149 BBLS 141 PCF OBM. > BUMP PLUG WITH 1,000 PSI, HELD 10 MIN - BLEED OFF AND CHECKED FLOATS, HOLDING OK
1700 - 1730	0.5	0-1	8 3/8	N	CSG	SET	HGRL	HLH	10859	10859	7934	7934	HPJSM, SET 7" X 9-5/8" -10M HALL XTREME-GRIP LINER HANGER AS FOLLOWS: > P/U STRING, KEPT SAME UNDER TENSION, PRESSURED UP STRG TO 6,300 PSI & SET LINER HANGER, OBSERVED PRESSURE DROPPED AND GOT RETURN. > APPLY 50 KLB MAX OVER PULL ABOVE P/U WT, CONFIRMED SET THE LINER HANGER. > SLACK DOWN 30 KLB BELOW NEUTRAL WEIGHT TO RELEASE THE RUNNING TOOL. > P/U 20' TO REMOVE RUNNING TOOL FROM LINER HANGER AND PLACE IT AT

LIMITED MORNING REPORT

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HRDH-632 WORKOVER-4 BI-60

10/16/2025 - 02/05/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													TOL. > REAMER SHOE @ 10,856', F. COLLAR @ 10,774' & L.COLLAR @ 10,698'. > 7" TOL@ 7,934' (1200' OVERLAP & 205 FT ABOVE OLD 7" LINER).
1730 - 1930	2	0-1	8 3/8	N	CSG	CIRC	MPMP	RIG	10859	10859			PERFORMED NORMAL CIRCULATION & CONDITIONING MUD UTILIZED 141 PCF OBM, FINALLY MW IN/OUT: 141 PCF. > RECOVERED ON SURFACE: 30 BBL CONTAMINATED MUD/SPACER, 90 BBL SPACER, 20 BBLS CONTAMINATED CMT & SPACER, 20 BBLS PURE CMT, 100 BBLS, CONTAMINATED CMT, SPACER & MUD.
1930 - 2000	0.5	0-1	8 3/8	N	DRLG	CIRC	MPMP	RIG	10859	10859			FLOW CHECK. WELL STATIC.
2000 - 2100	1	0-1	8 3/8	N	CSG	HT	PEL	RIG	10859	10859			HPJSM, DISCONNECTED & L/D SURFACE LINE AND HALL CEMENT HEAD.
2100 - 2215	1.25	0-1	8 3/8	N	CSG	CIRC	MPMP	RIG	10859	10859			POOH HALL SETTING TOOLS ON 5 1/2" D.PS (10 STDS), DROPPED 2 FOAM BALLS, C & C MUD 2 STRING VOL UTILIZED 141 PCF OBM.
2215 - 2230	0.25	0-1	8 3/8	N	CSG	PJSM	LINR	RIG	10859	10859			HPJSM, DISCUSSED REMOVEING WFD MPD BEARING, INSTALL MODIFIED BELL NIPPLE PERCUATION & HAZARDS.
2230 - 0045	2.25	0-1	8 3/8	N	BOP	ND	RCD	WUD	10859	10859			R/D WFD RCD BEARING, INSTALL MODIFIED BELL NIPPLE AND CONNECT FLOW LINE. > MONITOR WILL THROUGH TRIP TANK.
0045 - 0345	3	0-1	8 3/8	N	CSG	TO	STDP	RIG	10859	10859	7934	500	POOH HALL LNR HGR RUNNING TOOL ON 5-1/2" DP TO 500 FT (5 STDS BEFRORE SURFACE).
0345 - 0430	0.75	0-1	8 3/8	N	CSG	CIRC	MPMP	RIG	10859	10859			FLOW CHECKED, WELL STATIC, FLUSHED MPD SYSTEM & CHOKE MANIFOLD FOR RIGGING DOWN
0430 - 0459	0.5	0-1	8 3/8	N	CSG	HT	PEL	RIG	10859	10859			POOH HALL LNR HGR RUNNING TOOL ON 5-1/2" DP TO SURFACE.... IN PROGRESS @ RPT - MONITORED WELL VIA TRIP TANKS AND TRIP SHEETS AS PER BEST PRACTICE.

Workover Objectives

Foreman Remarks

> ORKB FOR RIG P-202: 26.8 FT, CURRENT RKB FOR RIG PA-622S: 36 FT, ODF DIFFERENCE: 9.2 FT.
========== ERP-STAGING AREA ==========
> ERP POSTED IN ARAMCO FOREMAN OFFICE; EMERGENCY CONTACT NUMBERS VERIFIED.
> STAGING AREA #1: 655 M NE
> STAGING AREA #2: 601 M SE
> RELIEF WELL: HRDH-2543 PRIMARY (1.8 KM NE)
========== ARAMCO PERSONNEL ==========
> ARAMCO MATERIAL EXPEDITOR, SAAD ALJOHAR #8107696 ON LOC.
========== SERVICE COMPANY PERSONNEL & TOOLS ==========
> EMEC MUD ENG. ON LOCATION.
> TAQA 6 1/2" HMDJ S/N DJ6-650-505 ON LOC. SINCE 13-JAN- 2026. @ 11:30 HRS & RELEASED ON 26-JAN @ 01:00 HRS.
> TAQA 4-3/4" HMDJ S/N DJ10-500-123 ON LOC. SINCE 26-JAN- 2026. @ 16:00 HRS.
> SINOPEC H2S/LEL STANDALONE SYSTEM & TECHNICIAN IN PLACE MONITORING ADJACENT WELL : HRDH-446
> 1 VACUUM TANKERS ON LOCATION SINCE JAN 01, 2026 (DRSS# 3000371769)
> 2 X SLB FRAC TANKS ON LOCATION SINCE DEC 26, 2025.
> 2 X SLB FRAC SILO ON LOCATION SINCE DEC 26, 2025.
> HLB SPERRY DIRECTIONAL DRILLING SERVICES ON LOCATION SINCE 01/09/2026.
> SAMAA PBL & ENG. ON LOCATION SINCE 01/14/2026.
> WFD MPD SERVICES ON LOCATION SINCE 01/10/2026.
> SLB CENTRIFUGE ON LOCATION SINCE 01/12/2026.

> 100 BBLS OF NESR VDA 20% ACID ON LOCATION SINCE 01/21/2025 @ 17:30.
========== SAFETY==========
> DAILY RIG CREW MEETING: PRE-TOUR MEETING.
> DRILLS: TRIP DRILL & PIT DRILL.
> NEAR MISS: NONE.
> HSE ALERTS: 08-26 ROUSTABOUT ANKLE TWISTED, 09-26 TRUCK ROLLOVER, 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
========== CLOSED LOOP SYSTEM ==========
> IMPLEMENTING CLOSED LOOP SYSTEM (ABANDONMENT, USING 3-SIDED BIN)
> LINED CEMENT PIT & CUTTING PIT.
> WATER PIT & WASTE PIT ARE NOT USED.
> "PITLESS LOCATION GUIDELINE (N)"

> TRANSFERED 500 BBLS OF 139PCF WBM MILLING FLUID TO RIG NBR-115
> TRANSFERED 500 BBLS OF 141 PCF WBM MILLING FLUID TO RIG AD-67L.
> TRANSFERED 250 BBLS OF 141 PCF WBM MILLING FLUID TO RIG NA-18S.
> TRANSFERED 500 BBLS OF 141 PCF WBM MILLING FLUID TO RIG SND-2004.
> TRANSFERED 500 BBLS OF 141 PCF WBM MILLING FLUID TO RIG ADC-16.
> TRANSFERED 500 BBLS OF 141 PCF OBM TO RIG NBR-115.
==========NEXT WELL==========
> NEXT WELL: HRDH-2201 (BI-60 WO, TO FIX TCA COMMUNICATION) PRE-WO MEETING HELD ON 7/7/2025. STRIP-OUT 100%. LOCATION READY 95%. WOCP IS APPROVED.
> 2ND NEXT WELL: MNJR-8, PRESET UNZA, PRE-WO MEETING IS REQUIRED. STRIP-OUT IS NOT REQUIRED. LOCATION READY 0%. WOCP IS NOT ISSUED YET.
> 3RD NEXT WELL: MNJR-11, PRESET UNZA, PRE-WO MEETING IS REQUIRED. STRIP-OUT IS NOT REQUIERD. LOCATION READY 0%. WOCP IS NOT ISSUED YET.
==========CONTRACTOR MANAGEMENT VISIT==========

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-632 WORKOVER-4 BI-60

10/16/2025 - 02/05/2026

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DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	10,859	45.02	268.6	0	10,668	-7.31	-222.45	730.21	1.44

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
141 PCF	1	0API	49	590 Volts	6.4	0	172,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
145	1HTHP	6	15	0	9 / 11	INOVRT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
76	0	80	45	7 / 8	0	6,400	2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
141 PCF	1	0API	49	600 Volts	6.4	0	172,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
147	1.2HTHP	6	16	0	9 / 11	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
77	0	80	45	7 / 8	0	6,400	1

MUD TREATMENT

ADAPTA	BCTRN	GELTONE	BDF 513	SLIK-5-DR	FACTANT	STELSEALFN
4 (55LB)	11 (5GL)	17 (50LB)	19 (55LB)	8 (55GL)	1 (55GL)	63 (50LB)
LESUPERMUL	**STELSL400**					
6 (55GL)	21 (50LB)					

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/12/2026	N/A	N/S	N/A	SEASONAL	3,842	PRE-TOUR SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	SWK	SPS	RIG	BAR	EMC	MJH	SNS	HLH	WUD	RIG	ARM	NCS	SCM	BHE	MI2	ARM
Category	CTRG	DPDS	RIG	DFMS	DFMS	SEC	H2S	LHES	MPD	OTHR	OTHR	PCS	PCS	VAC	SCS	WSC
No. of Persons	14	4	43	1	1	8	1	2	6	21	3	10	1	1	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	12	12	0	24	24	24	12	12	5	12	10	12	24

Total
120

TRUCKS/BOATS

Standby/Tankers
E-779

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	858	200	22	740

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

NJYN-118 DEVELOPMENT DRILLING BI-60

12/21/2025 - 03/02/2026

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PA-70S @ NJYN-118 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
PA-70S	(66-25535-0118)	(GAS-EVALUATION DELINEATION IN NJYN.)	WHITEHURST, NATHAN GLEN / MOHAMED, REDA KAMAL GHANNAM, HATEM ABDULMOHSEN OMRAN, MOHAMMAD JAFFAR
Well: NJYN-118	Wellbores: (0-1) NJYN_118_1		
Wellbores: (0-1) NJYN_118_1			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-88-216- 777-110-67	013-577-96 10	013-577-96 98
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-804963 2(CLINIC)	013-577-96 11	

Last 24 hr operations
CONT. WORKING TIGHT HOLE ACROSS OPEN HOLE SECTION.

Next 24 hr plan
POOH 16" DIR. BHA TO SHOE, CIRC. AT CSG SHOE AND CONT. POOH TO SURFACE, L/D DIR. TOOLS, MU & RIH 16" REAMING BHA TO BTM, CHC, POOH TO SURFACE FOR CSG.

Location
THE WELL IS LOCATED 0.786 KM S71E OF NJYN-48 AND 1.221 KM N28W OF HRDH-2136.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,199	18 5/8	3648	3648				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6199	25 (01/03/2026@0459)	0	0	290	290

Formation Tops

Formations	Top Depth	Comments
SHUB	4,850	10 FT SHALLOWER.
BYDH	5,043	63 FT SHALLOWER.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1530	10.5	0-1	16	N	DRLG	RW	BIT	RIG	6199	6199	4730	4682	POOH W/ 16" DIREC. DRLG BHA WITH WFD MMTR/MWD ON 5-1/2" DP STDS WORKING TIGHT HOLE FROM 4,730' TO 4,682'. * UNABLE TO WORK THRU. * WORK STRING BACK DOWN TO 4,718', ATTEMPT TO WORK STRING UP, UNABLE TO PASS 4,710' * WORK STRING DOWN.
1530 - 1800	2.5	0-1	16	N	DRLG	CIRC	MPMP	RIG	6199	6199			WORK STRING DOWN FROM 4,718' TO 4,994' (BELOW LOSS ZONE). *PUMP 100 BBL WEIGHTED PILL, FOLLOWED BY 100 BBL. HI VIS FOLLOWED BY 100 BBL. PHPA MUD FOLOOWED BY 100 BBL. HIV IS. *CONTINUE TO PUMP PHPA MUD WHILE WORKING STING. *OBSERVBED MUD LEVEL DROPPING IN ANNULUS, COMMENCE PUMP 80 PCF MUD CAP DOWN BACK SIDE.
1800 - 0000	6	0-1	16	N	DRLG	BR	STRG	RIG	6199	6199	4994	4827	POOH W/ 16" DIREC. DRLG BHA WITH WFD MMTR/MWD ON 5-1/2" DP STDS FROM 4,994' TO 4,827'. * HAD TIGHT HOLE FROM 4,860' TO 4,827', WORKED SAME HARD BACKREAMING, * UNABLE TO WORK THRU @ 4,827', HAD STRG STALLED AND HELD UP, WORKED ON SAME DOWN T/4,860' TILL FREE. * TRIED TO POH AGAIN HAD SAME TIGHT SPOTS WITH HARD BACKREAMING AND STRG HELD UP @ 4,842' (COULDN'T PASS). * OBSERVED AT 4,860 WHILE POH, HAD FLUID LEVEL STEADY AT FLOW LINE LEVEL, CONT. LINE UP TRIP TANK TO BACK SIDE AND KEEP MONITORING.
0000 - 0230	2.5	0-1	16	N	DRLG	CIRC	MPMP	RIG	6199	6199			WORK STRING DOWN FROM 4,827' TO 5,050' (BELOW LOSS ZONE). * PUMP 100 BBL WEIGHTED PILL, FOLLOWED BY 100 BBL. HI VIS FOLLOWED BY 100 BBL. PHPA MUD FOLOOWED BY 100 BBL. HIV IS. * CONTINUE TO PUMP PHPA MUD WHILE WORKING STING. * OBSERVBED MUD LEVEL DROPPING IN ANNULUS, COMMENCE PUMP 80 PCF MUD CAP DOWN BACK SIDE.
0230 - 0459	2.5	0-1	16	N	DRLG	RW	BIT	RIG	6199	6199	5050	4990	RESUME POOH 16" WFD DIREC. BHA ON 5.5" DP STD'S WHILE BACKREAMING TIGHT SPOTS T/4,990' .....ONGOING @ RT. * POH FROM 5050' TO 4995' THEN FACED TIGHT HOLE, WORKED SAME BACKREAMING TO 4,990. * OBSERVBED MUD LEVEL DROPPING IN ANNULUS, COMMENCE PUMP 80 PCF MUD CAP DOWN BACK SIDE.

Foreman Remarks

OBJECTIVE:-
MMK-1 VERTICAL PILOT HOLE WELL TO 150 FT INTO BUZA. BASED ON THE OPEN-HOLE LOG, THE WELL WILL BE TWINNED OR SIDETRACKED TARGETING THE MOST DEVELOPED ZONES OF UNAYZAH-A. THE WELL WILL BE COMPLETED WITH CONVENTIONAL SAND SCREENS.
========== ARAMCO PERSONNEL==========
> ARAMCO FOREMAN FAISAL ALOWAIS#809221 ON LOCATION (01/26/2026).
> ARAMCO MATERIAL EXPEDITOR YOUSEF, N ALNUKHAYLAN #8381443 ON LOCATION (01/26/2026).
> WAEL REHAB #8510534 ARAMCO SGGDD HSE ADVISOR ON LOCATION SINCE 01/24/2026.
========== OPERATION ==========
> NONE.
========== SCE CO.==========
> HOOKED UP WELL-LINK REAL TIME DATA ON 12/31/2025.

LIMITED MORNING REPORT

NJYN-118 DEVELOPMENT DRILLING BI-60

12/21/2025 - 03/02/2026

> 2 X RAWABI MUD ENGINEER ON LOCATION.
> EXLOG CREW FOR XRD/XRF ON LOCATION ON 01/02/2026.
> W.F. DD & MWD CREW ON LOCATION ON 01/19/2026.
> ITS CREW ON LOCATION ON 1/26/2026.
> BKR CMT CREW ON LOC. ON 1/26/26, RELEASED ON 1/28/26.
> WFD DVT ENG. ON LOC. ON 1/26/2026, RELEASED ON 1/28/26.
> CIW WELLHEAD ENG. ON LOC. ON 1/26/2026, RELEASED ON 1/28/26.
========== RIG VISIT ==========
> ALEX KLYMOVETS SANAD OPRATIONS DIREECTOR VISITED RIG 01-26-2026
> HARSHIT KUDRA SANAD OERATION SUPERINTENDAT VISITED RIG ON 01-26-2026
========== SAFETY SUMMARY ==========
> DRILLS: 1 X FIRE DRILL.
> NEAR MISS: NONE.
> SAFETY OBSERVATIONS: 10.
> ALERTS: NONE.
> ENTRY POINT FROM BLACK TOP ROAD TO SKID ROAD CORDINATIONS LAT.: 23.863853, LONG.: 49.196442.
========== RENTAL EQPT ==========
> 8.5" OILSERV JAR (S/N: HMJ-850-0013) ON LOCATION (01/20/2026), P/U ON 01/21/26 AT 19:30 PM.
========== MUD TRANSFERS ==========
> REC. 1300 BBLS WBM 83 PCF FROM M-1212.
> REC. 500 BBLS WBM 99 PCF FROM NA-393S.
> REC. 1000 BBLS WBM 83 PCF FROM SND-2006.
> REC. 2000 BBLS WBM 78 PCF FROM SND-2022.
========== DRLG BIT OPTIMIZATION ==========
> 16" REFURBISHED PDC BIT, (SMITH, TYPE: MSI716-C-C, S.N:SM2879).
> 8-3/8" REFURBISHED PDC BIT, (ULTERRA, TYPE:U616, S.N:65313).
> 8-3/8" REFURBISHED PDC BIT, (NOV, TYPE:SK616M4D, S.N:S308418).
> 8-3/8" REFURBISHED PDC BIT, (SMITH, TYPE:ZR616-C, S.N:SM2994).
> 5-7/8" REFURBISHED PDC BIT, (NOV, TYPE:TK63M-1A, S.N:S292430).
==========
> WATER WELLS SUPPORTING FOR NJYN-118:- NJYN-805 (DISTANCE: 4.4 KM) / NJYN-809 (DISTANCE: 6.6 KM).
========== NEXT LOCATION ==========
> NJYN-121, LOCATION READY 100%.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	3.52	9.3	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	0	0	0 / 0	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	0	5	0 / 0	0	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	3.52	9.3	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	0	0	0 / 0	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	0	5	0 / 0	0	240	0

MUD TREATMENT

BENT	CAUST	DUOVIS-NS	S-PHPA-S
2 (2500L)	54 (50LBP)	20 (55LB)	68 (55LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5	5,074	6,199	DP Av	DC Av	Bit HHP	N/A	20	M223	16	SMT
Pressure	**GPM**	**Jet Vel**	65.14	88.72	81	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,600	600	175				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
SM2879R	MSI716C	10 x 12 /	1.104							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	260	277	220	5,000		10.3
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	30	1,407.86	XT54	XT54	24.7	138,700.41	S135	PREM	
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	465	1,377.86	XT54	XT54	52.56	137,959.41		CONV	
13	Crossover	RIG	8	1	8	2.813	2.65	912.86	6 5/8 FH	XT54	52.51	113,519.01			7013-1
12	Heavy Weight Drillpipe (HWDP)	RIG	6.625	12	6.625	4.5	370.79	910.21	6 5/8 FH	6 5/8 FH	70.8	113,379.859		CONV	TALLY
11	Crossover	RIG	8.5	1	8.5	2.813	2.14	539.42	6 5/8 REG	6 5/8 FH	243	87,127.927			9392-6
10	Drillcollar	RIG	8.25	3	8.25	3	92.16	537.28	6 5/8 REG	6 5/8 REG	164.8	86,607.907		SPRL	TALLY
9	Hydro-Mechanical	OJR	8.5	1	8.5		18.72	445.12			0	71,419.939			HMJ-850-0013

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NJYN-118 DEVELOPMENT DRILLING BI-60

12/21/2025 - 03/02/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
	Jar														
8	Drillcollar	RIG	8.25	9	8.25	3	270	426.4	6 5/8 REG	6 5/8 REG	168.8	71,419.939		SPRL	TALLY
7	Crossover	RIG	8.5	1	8.5	3	2.59	156.4	7 5/8 REG	6 5/8 REG	0	25,843.939			3747
6	Drillcollar	RIG	9.5	3	9.5	3	90.2	153.81	7 5/8 REG	7 5/8 REG	246	25,843.939		SPRL	TALLY
5	Float Sub	WDS	9.5	1	9.5	3	2.46	63.61	7 5/8 REG	7 5/8 REG	0	3,654.739			1699222-026
4	Measurement While Drilling (MWD)	WDS	9.5	1	9.5		18.26	61.15			200.15	3,654.739			AK260057
3	Stabilizer	WDS	16	1	16	3	7.69	42.89	7 5/8 REG	7 5/8 REG	0	0			9200
2	Mud Motor	WDS	9.625	1	9.625		33.72	35.2			0	0			960-2765
1	Bit	SMT	16	1	16		1.48	1.48				0			SM2879R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/12/2026	01/12/2026	NORMAL	N/A	SEASONAL	4,980	PRE-TOUR SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	ITS	GOS	WDV	BR1	WDS	RIG	RO4	MJH	XLG	RIG	ARM	BCM	ARM	CAM
Category	CSR	CTRG	DV	RINS	DPDS	RIG	DFMS	SEC	MLS	OTHR	OTHR	PCS	WSC	WHES
No. of Persons	8	16	1	0	4	35	2	8	4	12	3	3	2	1
Personnel on Loc. Hrs.	14	24	14	0	24	24	24	24	24	24	24	24	24	14
Operating Hours.	0	0	0	0	24	24	12	12	24	12	12	14	24	0

Total
99

TRUCKS/BOATS

Standby/Tankers
Aramco Truck (F066)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	340	142	42	5500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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QTIF-858 WORKOVER-2 BI-90

12/26/2025 - 01/28/2026

PA-785S @ QTIF-858 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-785S
Well: QTIF-858
Wellbores: (0) QTIF_858_0

Charge #: (61-25012-0858)
Wellbores: (0) QTIF_858_0

Objective : (O | CASING LEAK REPAIR (GWI/PWI/SWD/WS): RPR CSG/LINER LEAKS CAUSED BY CORROSSION OR DUE TOMECH FAILURE)

Foreman(s): DILMI, YOUCEF / ALMUHANA, ABDULELAH AHMED / ALAWI, RAKAN ABDULLAH
Engineer Manager: ABDELHADY, MAHMOUD ABDELHADY
AKBAR, HUSSAIN QASSIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-882-167 -771-1131	673-5729	673-5723
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
CONTRACTOR : 804-9631	673-5723	

Last 24 hr operations: SECURE AND RELEASE RIG.

Next 24 hr plan:

Location: 57 KM FROM DMG

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,554	9 5/8	4554	4553				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4554	25.3 (01/02/2026@1000)	0	0	57	57

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0930	4.5	0	EOW	C	WH	OTH	NA	RIG	4600	4600			HPJSM, SECURED WELLHEAD WITH MASTER BALL VALVE. > WELLHEAD PRESSURE: 180 PSI. > INSTALLED PRESSURE GAUGES ON WING VALVE, TCA 9 X 7 AND CCA 13 X 9. > ALL PRESSURE ZERO.
0930 - 1700	7.5	0	EOW	C	WH	OTH	NA	RIG	4600	4600			HPJSM, REMOVED SCAFFOLD AROUND WELLHEAD, RIG DOWN SURFACE LINES AND TESTING MANIFOLD. > CLEANED CELLAR AND X-TREE. > INSTALLED WELL NAME PLATE. > CLEANED MUTANKS. > HAND OVER WELL QTIF-858 PART-1 TO FIELD SERVICE AND PRODUCTION
1700 - 1700	0	0	EOW	S	OT	RELS	NA	RIG	4600	4600			RELEASED RIG FROM QTIF-858 TO MOVE TO QTIF-225 ON 27 JAN 2026 @ 17:00 PM.

Workover Objectives

Foreman Remarks

>> ODF.
---------- X-TREE DIRECTION ----------
- DIRECTION OF WING VALVE:
---------- PAD STATUS ----------
-
----------SIMOPS----------
- NONE
---------- WINDOWS/LATERALS DATA ----------
- NONE.
---------- ARAMCO PERSONAL ON BOARD ----------
- SHLASH ALAJMI #8460877 MATERIAL EXPEDITOR ON LOCATION SINCE 12/29/2025.
- MATERIAL EXPEDITOR RAYAN ALGHAMDI #8337907ON LOCATION SINCE 01/26/2026.
- PDP ZEYAD ALHOMEIDA #900106 ON LOCATION SINCE 01/26/2025.
- FCT YOUSIF ZAHRANI #288241 ON LOCATION SINCE 01/26/2025

---------- HSE ----------
- ERP STAGING AREA COORDINATES: STAGING AREA A: N 26.47203, E 49.55148 AND STAGING AREA B: N 26.47546, E 49.58356 .
- DISCUSSED SAFETY TOPIC: D&WO HAND AND FINGER SAFETY CAMPAIGN.
- SLS: 10 OBSERVATIONS.
- SAFETY DRILLS:
---------- EMERGENCY EQUIPMENT ON LOCATION ----------
- SANAD 55-SEATER BUS W/ DRIVER FOR 24 HR COVERAGE.

---------- RENTAL TOOLS & EQUIPMENT ----------
- RAWABI H2S/ LEL STAND-ALONE MONITORING RIG UP ON 25 DEC-2025.
- OIL SERV 4-3/4" DRILLING JAR S/N: HJDA-475-0045 RECIVED ON 1/5/2026 AT 21:00.
---------- NEXT LOCATION READINESS ----------
- QTIF-225: KOM HELD ON 11/12/25. FS: 100%, WS: 10%
- QTIF-308: KOM HELD ON 05/15/25. FS: 0%, WS: 0%
---------- INFORMATION FOR DISPATCHING GROUP ----------
- ALHABAS RAW WATER TRUCK: DOOR NO (HB1906, HB1908) ON SITE.
- WELLSITE CONTRACTOR TAMMIMI, REPAIRED LOCATION QTIF-663 & QTIF-858 AFTER HEAVY RAIN.
---------- WELLS WITH CENTRALIZED MAIN CAMP ----------
> YEAR 2025: QTIF-300, QTIF-237, QTIF-338, QTIF-342, QTIF-341, QTIF-340, QTIF-663. (TOTAL AVOIDED: 7 MOVES)
---------- ARAMCO IT EQUIPMENT ----------
> ARAMCO VHF RADIO (RX443194 & RX439829) WERE SEND TO RT IT RADIO SHOP SINCE 09/02/2025 FOR REPAIR
----------SANAD VISITORS ----------

DAILY SURVEY

MUD DATA

LIMITED MORNING REPORT

Username: YUAYANAL
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QTIF-858 WORKOVER-2 BI-90

12/26/2025 - 01/28/2026

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MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	N/A	N/A	N/A	2,325	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RIG	RIG	BDF	MJH	ASH	RUE	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	SEC	FLD	H2S	OTHR	OTHR	WSC
No. of Persons	17	40	1	8	2	1	28	4	3
Personnel on Loc. Hrs.	12	12	12	12	12	12	12	12	12
Operating Hours.	0	12	12	0	10	12	12	12	12

Total
104

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
B832	ARM MUD DIESEL = 292 BBL	ARM GASOLINE = 0 BBL	MAIN CAMP DIESEL= 260 bbl

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	238	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
ARAMCO VHF RADIO (RX443194 & RX439829) WERE SEND TO RT IT RADIO SHOP SINCE 09/02/2025 FOR REPAIR		

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LIMITED MORNING REPORT

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QTIF-225 WORKOVER-1 BI-60

01/28/2026 - 05/24/2026

PA-785S @ QTIF-225 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-785S
Well: QTIF-225
Wellbores: (0) QTIF_225_0

Charge #: (71-25012-0225)
Wellbores: (0) QTIF_225_0

Objective : (KILL AND DECOMPLETE THE WELL, CHECK CSG INTEGRITY REPAIR LEAK IF NECESSARY, P&A THE MB)

Foreman(s): DILMI, YOUCEF / ALMUHANA, ABDULELAH AHMED / ALAWI, RAKAN ABDULLAH
Engineer Manager: ABDELHADY, MAHMOUD ABDELHADY
AKBAR, HUSSAIN QASSIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-882-167 -771-1131	673-5729	673-5723
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
CONTRACTOR : 804-9631	673-5723	

Last 24 hr operations	Next 24 hr plan
R/D ON QTIF-858	CONT. R/D ON QTIF-858

Location	Next Location
59 KM FROM DMG	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
17,420	7	11998	8450				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
17420	0 (@)		0	61	59

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
1700 - 0459	12	0	PRE	M	RM	RD	NA	RIG	17420	17420			HPJSM, DISCUSSED SAFE WORK PROCEDURES (WORK AT HEIGHT, STOP WORK AUTHORITY, PTW & CRANE OPERATIONS). - R/D ON QTIF-858: 10 % - R/M TO QTIF-225: 0 % - R/U ON QTIF-225: 0 % >> RIG DOWN PROGRESS: - GENERAL R/D, HOUSE KEEPING & CLEANING IN PROGRESS. - PRPEPARING TO LOWER SUBBASE AND MAST. >> NO CRITICAL LIFT ALLOWED OR TRUCKS MOVEMENTS AT NIGHT.

Workover Objectives

Foreman Remarks

>> ODF.
---------- X-TREE DIRECTION ----------
- DIRECTION OF WING VALVE:
---------- PAD STATUS ----------
-
----------SIMOPS----------
- NONE
---------- WINDOWS/LATERALS DATA ----------
- NONE.
---------- ARAMCO PERSONAL ON BOARD ----------
- SHLASH ALAJMI #8460877 MATERIAL EXPEDITOR ON LOCATION SINCE 12/29/2025.
- MATERIAL EXPEDITOR RAYAN ALGHAMDI #8337907ON LOCATION SINCE 01/26/2026.
- PDP ZEYAD ALHOMEIDA #900106 ON LOCATION SINCE 01/26/2025.
- FCT YOUSIF ZAHRANI #288241 ON LOCATION SINCE 01/26/2025

---------- HSE ----------
- ERP STAGING AREA COORDINATES: STAGING AREA A: N 26.47203, E 49.55148 AND STAGING AREA B: N 26.47546, E 49.58356 .
- DISCUSSED SAFETY TOPIC: D&WO HAND AND FINGER SAFETY CAMPAIGN.
- SLS: 10 OBSERVATIONS.
- SAFETY DRILLS:
---------- EMERGENCY EQUIPMENT ON LOCATION ----------
- SANAD 55-SEATER BUS W/ DRIVER FOR 24 HR COVERAGE.

---------- RENTAL TOOLS & EQUIPMENT ----------
- RAWABI H2S/ LEL STAND-ALONE MONITORING RIG UP ON 25 DEC-2025.

---------- NEXT LOCATION READINESS ----------
- QTIF-308: KOM HELD ON 05/15/25. FS: 0%, WS: 0%
---------- INFORMATION FOR DISPATCHING GROUP ----------
- ALHABAS RAW WATER TRUCK: DOOR NO (HB1906, HB1908) ON SITE.
- WELLSITE CONTRACTOR TAMMIMI, REPAIRED LOCATION QTIF-663 & QTIF-858 AFTER HEAVY RAIN.
---------- WELLS WITH CENTRALIZED MAIN CAMP ----------
> YEAR 2025: QTIF-300, QTIF-237, QTIF-338, QTIF-342, QTIF-341, QTIF-340, QTIF-663. (TOTAL AVOIDED: 7 MOVES)
---------- ARAMCO IT EQUIPMENT ----------
> ARAMCO VHF RADIO (RX443194 & RX439829) WERE SEND TO RT IT RADIO SHOP SINCE 09/02/2025 FOR REPAIR
----------SANAD VISITORS ----------
> SANAD SUPT. VISITED RIG FOR RIG MOVE OPERATION.

DAILY SURVEY
MUD DATA
MUD TREATMENT
BIT DATA

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

QTIF-225 WORKOVER-1 BI-60

01/28/2026 - 05/24/2026

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,325	N/A

PERSONNEL AND SERVICES INFORMATION

Company	ARM	ARM	RIG	RUE	ASH	MJH	BDF	RIG	RIG
Category	WSC	OTHR	OTHR	H2S	FLD	SEC	DFMS	RIG	CTRG
No. of Persons	3	4	57	1	2	8	1	40	17
Personnel on Loc. Hrs.	12	12	12	12	12	12	12	12	12
Operating Hours.	12	12	12	12	0	0	12	12	0

Total
133

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
B832	ARM MUD DIESEL = 292 BBL	ARM GASOLINE = 0 BBL	MAIN CAMP DIESEL= 255 bbl

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	220	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
ARAMCO VHF RADIO (RX443194 & RX439829) WERE SEND TO RT IT RADIO SHOP SINCE 09/02/2025 FOR REPAIR		

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LIMITED MORNING REPORT

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UTMN-1864 WORKOVER-1 BI-60

12/20/2025 - 02/02/2026

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PA-861S @ UTMN-1864 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-861S
Well: UTMN-1864
Wellbores: (0-1) UTMN_1864_1

Charge #: (71-24057-1864)
Wellbores: (0-1) UTMN_1864_1

Objective : (SIDETRACK THE WELL AND DRILL ONE HOLE SIZE TARGETING KHFB AS A PRESET FOR UBC)

Foreman(s): QUROONI, IBRAHIM ANWAR
Engineer: SAUER, PASCAL RAPHAEL
Manager: ALKURAYA, SIDDIQ BAKR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-88-216- 777-110-80	577-3942	577-3915

CONTRACTOR /CLERK VSA T: 577-3945

Last 24 hr operations: RIH 3-5/8" SLICK BHA, CIRCULATE HOLE CLEAN, POOH & L/D 3-5/8" SLICK BHA, P/U & RIH SAMAA WBCO BHA#2

Next 24 hr plan: RIH SAMAA WBCO BHA#2, POLISH 4.5" PBR, CIRCULATE HOLE CLEAN, CASING PICKLING, DISPLACE TO KILL BRINE. +VE TEST, SHORT TRIP TO 7" TOL AND BACK.

Location: THE WELL IS LOCATED 0.256 KM S12W OF UTMN-1126 AND 0.495 KM S49W OF UTMN-4021

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,145	9 5/8	12254		7	11,096	11,075	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12099	30 (12/29/2025@0500)	100	0	132	132

Formation Tops

Formations	Top Depth	Comments
SDDM	11,486	4' DEEPER
BSRD	11,507	16' SHALLOWER
KFBC	11,888	7' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
0500 - 0645	1.75	0-1	EOW	N	WBCO	TI	STDP	RIG	12145	12145	9300	12064	BHA	965545	CONTINUE RIH 3-5/8" SLICK BHA ON 5" DP. - MONITOR WELL THROUGH TRIP TANK.
0645 - 1200	5.25	0-1	EOW	N	WBCO	WBCO	WBCL	RIG	12145	12145			BHA	965545	S/O 5 KLB, D/O 2 FT CEMENT, PUMPED 50 BLS HI-VISC. CIRC 3 X BTMS UP THEN SWEPT HOLE W/ 50 BBLS HI WT/HI VIS PILL WITH 8.0 BPM & 3,400 PSI. > RECOVERED SMALL/FINE PIECES OF RUBBER AND CEMENT.
1200 - 1230	0.5	0-1	EOW	N	WBCO	WBCO	WBCL	RIG	12145	12145			BHA	965545	FLOW CHECK-WELL STATIC.
1230 - 1830	6	0-1	EOW	N	WBCO	TO	STDP	RIG	12145	12145	12116	1136	BHA	965545	POOH 3-5/8" SLICK BHA ON 5" DP, - MONITOR WELL THROUGH TT.
1830 - 1900	0.5	0-1	EOW	N	WBCO	HT	PEL	RIG	12145	12145			BHA	965545	CHANGE TO 4" PIPE HANDLING EQUIPMENT
1900 - 1915	0.25	0-1	EOW	N	WBCO	TO	STDP	RIG	12145	12145	1136	597	BHA	965545	POOH W/ 3-5/8" WBCO BHA ON 4" D/P . - MONITOR WELL THROUGH TT.
1915 - 1930	0.25	0-1	EOW	N	WBCO	WBCO	WBCL	RIG	12145	12145			BHA	965545	FLOW CHECK-WELL STATIC.
1930 - 2030	1	0-1	EOW	N	WBCO	HT	PEL	RIG	12145	12145			BHA	965545	HPJSM, R/U SAPESCO 2-7/8" HANDLING EQUIPMENT. > MONITOR WELL THRU TRIP TANK.
2030 - 2145	1.25	0-1	EOW	N	WBCO	HT	BHA	RIG	12145	12145			BHA	965545	POOH & L/D W/ 3-5/8" WBCO BHA. > MONITOR WELL THRU TRIP TANK.
2145 - 2330	1.75	0-1	EOW	N	WBCO	HT	STRG	RIG	12145	12145					HPJSM, M/U AND RIH WITH SAMAA WBCO BHA: 2-7/8" MULE SHOE, 5 JTS 2-7/8" PH-6, X/OVER, 4.5" SCRAPER, 4.5" MAGNET, 4.5" BRUSH, X/OVER, 6 JTS 2-7/8" PH-6, X/O - MONITOR WELL THRU TRIP TANK.
2330 - 0015	0.75	0-1	EOW	N	WBCO	HT	PEL	RIG	12145	12145					R/D SAPESCO 2-7/8" HANDLING EQUIPMENT. - CHANGE HANDLING TOOL TO 4".
0015 - 0030	0.25	0-1	EOW	N	WBCO	HT	STRG	RIG	12145	12145					M/U BAKER POLISH MILL (OD=4.95") WITH NO-GO SUB (OD=5.5"). > MONITOR WELL THRU TRIP TANK.
0030 - 0115	0.75	0-1	EOW	N	WBCO	HT	STRG	RIG	12145	12145					M/U SAMAA 7" WBCO BHA: > 7" SCRAPER, 7" STRING MILL, 7" MAGNET BAR, 7" WDR, 7" BRUSH , X/O. > MONITOR WELL THRU TRIP TANK.
0115 - 0130	0.25	0-1	EOW	N	WBCO	TI	STDP	RIG	12145	12145	489	1100			RIH W/ SAMAA WBCO & BAKER POLISH MILL BHA ON 4" DP. - MONITOR WELL THRU TRIP TANK.
0130 - 0200	0.5	0-1	EOW	N	WBCO	HT	PEL	RIG	12145	12145					CHANGE HANDLING TOOLS TO 5".
0200 - 0300	1	0-1	EOW	N	WBCO	HT	STRG	RIG	12145	12145					M/U 9-5/8" SAMAA WBCO BHA. - X/O, 9-5/8" SCRAPER, 9-5/8" STRING MAGNET, 9-5/8" WDR, 9-5/8" BRUSH, X/O.
0300 - 0459	2	0-1	EOW	N	WBCO	TI	STDP	RIG	12145	12145	1100	4800			RIH W/ SAMAA WBCO & BAKER POLISH MILL BHA ON 5" DP TO ABOVE 4.5" TOL...(ONGOING AT RT)

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

UTMN-1864 WORKOVER-1 BI-60

12/20/2025 - 02/02/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
															- FILL UP EVERY 20 STDS. - MONITOR WELL THRU TRIP TANK.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 2100	16.75	24.75	965545		BHA	FOT	WBCL	SAM	0	WHILE POOH & L/D SAMAA 9-5/8" WBCO BHA, OBSEREVED FCS PACKER DAMAGED AND SMALL PORTION OF RUBBER BROKEN.

Workover Objectives

Foreman Remarks

==========ODF CORRECTION==========
- RKB FOR RIG PA-861S = 37 FT
==========ARAMCO PERSONEL==========
> ARAMCO CLERK SALMAN ALSHEDDI #821475 ON LOCATION SINCE 01/21/2026
========== SAFETY ==========
> DISCUSSED WELLBEING PROGRAM CAMPAIGN(SALEM WITH GHANEM), CONTINUE PROVING AWARENESS ON THE USE OF HANDS-FREE TOOLS.
> DISCUSSED AWARENESS ON SLIP, TRIP AND FALL.
> DISCUSSED D&WO HSE ALERTS - WEEK #4.
> DISCUSSED HSE ALERT: 06-26- ANKLE INJURY WHILE RIH.
> DISCUSSED HSE ALERT: 07-26- CATWALK RAMP LIFTING POINT FAILURE.
> DISCUSSED PICK UP 2 7/8" TUBING USING POWER TONGS BY SAPESCO CO.
> COLD PTW: (3), HOT PTW: (1), CONFINED SPACE PTW: (2), FUEL TRANSFER: (0), LIFTING PERSONNEL: (0), BUFFER ZONE: (0), LIVE ACCESS PERMIT (0), JSA: (11), STOP CARDS: (25)
> DRILLS: SWAD (0), PIT DRILL (0), TRIP DRILL (0), FIRE DRILL (0) H2S / MUSTER DRILL (0), ACCUMULATOR DRILL (0), BOP DRIL (0), FIRE PUMP TEST DRILL (0), HAZARD HUNTS- (4), STOP WORK AUTHORITY- (4), NEAR MISS REPORT- (0)
LTI FREE DAYS 2668

> AMBULANCE ON LOCATION: YES.
========== RIG VISITS ==========

==========9-5/8" CSG WINDOW==========
TOW @ 11435'
BOW @ 11448'
==========DIRECTIONAL DATA==========
> FOLLOWING APPROVED DIRECTIONAL PLAN: UTMN-1864 L0-1 PLAN04 WP
> SENSOR OFFSET TO BIT: NEAR-BIT GR = 9.78' & DIRECTIONAL = 10.58'
> PROJECTION TO BIT DEPTH @ 12145' MD / 11900' TVD, 60 DEG INC, 233 DEG AZIMUTH, DISTANCE TO PLAN : 3.86' ABOVE, 2.24' RIGHT, CT-CT 4.47'
========== RENTAL TOOLS ==========

==========SAO&GDD COST OPTIMIZATION==========

> RECEIVED 750 BBL 150 PCF OBM KILL MUD FROM SP-98
> RECEIVED 1600 BBL 100 PCF OBM FROM SP-258
> RECEIVED 250 BBL 145 PCF OBM FROM PA-622S
> RECEIVED 1200 BLL 98 PCF CABR2/CACL2 BRINE FROM SINO-49
==========NEXT WELLS==========
1) UTMN-2204 (BI-90): FISH OUT 2 3/8" CT, PRE-WORKOVER MEETING DONE, STRIPPED OUT 100%, LOCATION 100%, WOCP APPROVED.
2) UTMN-3207 (BI-60): FISH OUT 11,538' OF 0.125" SLICKLINE & ISOLATE THE WELL, PRE-WORKOVER MEETING DONE, STRIPPED OUT 100%, W5 INITATED, LOCATION 80 %, WOCP RUNNING.
3) HWYH-956 (BI-90): RECOVER SCREEN HANGER, PRE-WORKOVER MEETING PLANNED ON 1/14/2026, STRIPPED OUT 100%, LOCATION 0 %, WOCP APPROVED.
4) HWYH-1212 (BI-60): TUBING PARTED, PRE-WORKOVER MEETING PLANNED ON 1/21/2026, STRIPPED OUT 100%, LOCATION 0 %, WOCP RUNING.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	12,145	60	233	0	11,905	-116.64	-232.34	852.95	2.57

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	1	0API	59	780 Volts	6.89	0	18,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2HTHP	11	17	0	12 / 16	OBM	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	30	30	10 / 11	0	0	2.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	1	0API	59	770 Volts	6.89	0	18,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
130	2HTHP	11	18	0	12 / 17	OBM	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	30	30	10 / 11	0	0	2.8

MUD TREATMENT

BARITE	VG6
1 (5000L)	4 (55LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
19RR	12,145	12,145	DP Av	DC Av	Bit HHP	N/A	N/A	M442	3.625	SEC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-1864 WORKOVER-1 BI-60

12/20/2025 - 02/02/2026

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Serial Num	Type	Jets	TFA
13899510	MMD53DH	POOH Reas	N/A

Gauge	Other
N/A	

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
N	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs

Mud Motor Seria	Mud Motor Hrs
	0

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
20	Drillpipe	RIG	5.5	1	5.5	4.67	1	1,059.96	XT54	XT54	24.7	14,668.999	XD105	PREM	
19	Junk Basket	SAM	8.25	1	8.25	2.5	19.91	1,058.96	NC50	NC50	57	14,644.299			WBS9-1624
18	String Magnet	SAM	8.125	1	8.125	2	6.19	1,039.05	XT54	XT54	0	13,509.429			WBS9-72127
17	String Magnet	SAM	8.125	1	8.125	2	6.17	1,032.86	XT54	XT54	0	13,509.429			WBS9-72112
16	Packer	SAM		1			7.4	1,026.69	XT39	NC50	57	13,509.429			OSCA-734835
15	String Mill	SAM	5.25	1	5.25	2.26	1.63	1,019.29	NC38	NC38	0	13,087.629			OSCA-734835
14	Crossover	RIG	4.625	1	4.625	2.25	1.64	1,017.66	XT39	NC38	15.7	13,087.629			1006927-2
13	Pup Joints	RIG	0	2			25	1,016.02			15	13,061.881			RIG
12	Drillpipe	RIG	4	14	4	3.24	439.5	991.02	XT39	XT39	15.7	12,686.881	G105	PREM	RIG
11	Junk Basket	SAM	5.75	1	5.75	2.25	13.95	551.52	NC38	NC38	28.27	5,786.731			OSCA-784243
10	Crossover	RIG	4.875	1	4.875	2.375	1.69	537.57	NC38	NC38	0	5,392.365			SAMAA-X1005
9	String Magnet	SAM	5.75	1	5.75	2.25	6.14	535.88	NC38	NC38	0	5,392.365			WBS7-52285
8	String Magnet	SAM	5.875	1	5	2	6.14	529.74	NC38	NC38	28.27	5,392.365			WBS7-52282
7	String Magnet	SAM	5.844	1	5.844	2.25	5.86	523.6	NC38	NC38	28.27	5,218.787			WBS6-71626-B
6	String Magnet	SAM	5.844	1	5.844	2.25	6.04	517.74	NC38	NC38	28.27	5,053.125			WBS7-52270
5	String Mill	SAM	5.875	1	5.875	2.25	5.67	511.7	NC38	NC38	0	4,882.374			WBS7-71617
4	Crossover	RIG	3.5	1	3.5	1.5	1.78	506.03	2 3/8 REG	NC26	8.7	4,882.374			RIG
3	Drillpipe	RIG	2.875	14	2.875	2.151	467.97	504.25	NC31	NC31	10.4	4,866.888	E75	PREM	
2	Mud Motor	BHI	3.5	1	3.5		35.51	36.28			0	0			WFD
1	Bit	SEC	3.625	1	3.625		0.77	0.77				0			13899510

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	N/A	N/A	N/A	N/A	2,672	YES

PERSONNEL AND SERVICES INFORMATION

Company	SPR	GOS	RIG	OES	SMI	MJH	RTF	BLH	RIG	ARM	OTH	ARM	SAM
Category	CSR	CTRG	RIG	DFMS	DFMS	SEC	FILT	LHES	OTHR	OTHR	RENT	WSC	WBCS
No. of Persons	3	16	42	1	1	7	3	2	10	1	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	8	0	24	12	12	0	24	0	12	24	12	24	8

Total
90

TRUCKS/BOATS

Standby/Tankers
f050

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
500	250	253	280	24	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

KTUF-3 EXPLORATION DRILLING BI-3300

11/08/2025 - 03/15/2026

أرامكو السعودية
saudi aramco

PA-866S @ KTUF-3 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PA-866S
Well: KTUF-3
Wellbores: (0) KTUF_3_0

Charge #: (75-24844-0003)
Wellbores: (0) KTUF_3_0

Objective : (PRIMARY OBJECTIVE HADRIYA RESERVOIR. SECONDARY OBJECTIVE ARAB-C, UPPER JUBAILA, HANIFA & BUWAIB.)

Foreman(s): TEDDAR, ABDELAZIZ / BELLAKHDAR, SALAHEDDINE
Engineer: GRUJOVIC, DRAGAN / ALBAIJI, ABDULAZIZ MANNAA / ALOTAIBI, SHAIMA FIHAN
Manager: OTAIBI, GHANNAM ABDULHADI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11072	577-6186	577-6184

CONTRACTOR /CLERK VSA T: 577-6183

Last 24 hr operations
POOH 8-3/8 C/TRIP BHA, RIH W/ BAKER 7" X 9-5/8" HLNR ON 5-1/2" DP TO BTM.

Next 24 hr plan
CIRC 2X BTM'S UP, SET LINER HGR & RELEASE RUNNING TOOLS, CIRCULATE, 7" LINER CEMENT JOB.

Location
F/BATHA, 293 KM ON SHAYBAH HWY, TURN RIGHT @ SHUBAYTAH & PROCEED 263 KM SKID ROAD

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,990	9 5/8	8425	8425				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9990	55.1 (12/04/2025@0300)	100	0	667	858

Formation Tops

Formations	Top Depth	Comments
HITH	8,410	30' SHALLOWER
HSRG	8,450	44' SHALLOWER
ABAR	8,710	39' SHALLOWER
ABBR	8,780	35' SHALLOWER
ABCR	8,940	14' DEEPER
ABDR	9,000	32' SHALLOWER
UJBR	9,100	38' SHALLOWER
BUJR	9,170	36' SHALLOWER
HNIF	9,780	9' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0645	1.75	0	8 3/8	N	DRLG	HT	BHA	RIG	9990	9990			POOH W/8-3/8" CONDITIONING TRIP BHA. R/BACK 5.5" HWDP AND 6.5" DC'S. L/D JAR, REAMERS & BIT.
0645 - 0745	1	0	8 3/8	N	DRLG	OTH	NA	RIG	9990	9990			CLEAN AND CLEAR RIG FLOOR.
0745 - 0915	1.5	0	8 3/8	N	CSG	HT	PEL	SPR	9990	9990			HPJSM. P/U & R/U 7" SAPESCO CASING RUNNING TOOLS, EQUIPMENT WITH JAM UNIT & PU & LD MACHINE > MONITOR WELL ON TRIP TANK
0915 - 1100	1.75	0	8 3/8	N	CSG	RCSG	CSTR	SPR	9990	9990	0	170	P/U & M/U SHOE TRACK; F/S, 2 X JTS 7" 32# VM95HCSS VTHC, F/C, 2 X JTS 7" 32# VM95HCSS VTHC, LANDING COLLAR, CHECK FLOATS - OK. BAKER LOCK ALL CONNECTIONS.
1100 - 1400	3	0	8 3/8	N	CSG	RCSG	CTRQ	SPR	9990	9990	170	2013	RIH 7" LNR JTS (32#, VM95HCSS, VTHC & TN95HS 3SB) TO 2013' (TOTAL 50/50 JT + 02 XO) > TORQUE ALL JTS USING JAM UNIT, FILL CSG EVERY 5 JTS
1400 - 1515	1.25	0	8 3/8	N	CSG	CIRC	MPMP	RIG	9990	9990			CUMULATIVE TIME TO FILL UP LINER WHILE RIH.
1515 - 1615	1	0	8 3/8	N	CSG	RCSG	HGRL	BLH	9990	9990	2013	2075	CHANGE ELEVATOR, P/U-M/U & RIH BKR 7" X 9-5/8" ZXHD HLNR ASSY AS PER BAKER REP.
1615 - 1715	1	0	8 3/8	N	CSG	CIRC	MPMP	RIG	9990	9990			CIRCULATE 1.5 LINER VOLUME AT 6 BPM 620 PSI. MANWHILE L/DOWN SAPSECO CSG RUNNING EQPT AND PU/LD MACHINE. > LINER WEIGHT 50 KLBS
1715 - 0030	7.25	0	8 3/8	N	CSG	RCSG	HGRL	BLH	9990	9990	2075	8425	RIH W/ BAKER 7" X 9-5/8" ZXHD HLNR ON DRIFTED 5-1/2" DP TO 9-5/8" CSG SHOE AT CONTROLLED SPEED. - FILL UP STRG & BREAK CIRCULATION EVERY 10 STDS.
0030 - 0145	1.25	0	8 3/8	N	CSG	CIRC	MPMP	RIG	9990	9990			CIRCULATE BTM UP, RECORED PARAMETERS. > RECORD SSP 750 PSI @ 252 GPM. > RECORD TORQUE 0.5-1.2 KLB.FT RPM 10, 15, 20 & 25.
0145 - 0345	2	0	8 3/8	N	CSG	RCSG	HGRL	BLH	9990	9990	8425	9802	RIH W/ BAKER 7" X 9-5/8" ZXHD HLNR ON DRIFTED 5-1/2" DP AT CONTROLLED SPEED IN OPEN HOLE TO 9,802' - HOLE IN GOOD CONDITION.
0345 - 0415	0.5	0	8 3/8	N	CSG	RCSG	HGRL	BLH	9990	9990	9802	9990	PRECAUTION WASH DOWN LAST STAND TO BTM, CONFIRMED TAG BTM BY 10 KLB @ 9990'
0415 - 0459	0.75	0	8 3/8	N	CSG	CIRC	MPMP	RIG	9990	9990			SPACE OUT, M/U BAKER CMT MANIFOLD, X.O, TIW VALVE & PJ'S. CONNECT TDS. CIRC & CONFIRM GOOD RETURN ON SHAKER. - ONGOING ART...

Foreman Remarks

KTUF-3 (KUTUF) IS A VERTICAL GAS DELINEATION WELL. LOCATED TO THE NORTH OF KTUF-1 AND KTUF-2 IN RUB' AL-KHALI AREA. THE WELL IS

LIMITED MORNING REPORT

KTUF-3 EXPLORATION DRILLING BI-3300

11/08/2025 - 03/15/2026

PROPOSED TO BE DRILLED TO A TOTAL DEPTH OF 10,444 FT MD/TVD (200 FT INTO BASE HADRIYA RESERVOIR.). THE PRIMARY OBJECTIVE IS TO EVALUATE THE HYDROCARBON POTENTIAL ACROSS HADRIYA RESERVOIR. THE SECONDARY TARGETS ARE ARAB-C, UPPER JUBAILA, HANIFA & BUWAIB RESERVOIRS.
****
24" CONDUCTOR SET AT 208'.
18-5/8" CSG PLANNED SET AT 928' (50' INTO RUS) (67 PCF SPUD MUD) / ACTUAL 948'
13 3/8" CASING PLANNED SET AT 4051' (50' INTO LAMS) (72 PCF NACL POLY WBM) / ACTUAL 3965'
9 5/8" CSG SET AT 8460' (20' INTO HITH) (78 - 80 PCF OBM) / ACTUAL 82 PCF OBM CSG SET AT 8425'
7" LINER SET AT 9971 (200' INTO HANIFA) (95 PCF WBM)
4-1/2" LINER SET AT 10444' (200' INTO BASE OF HADRIYA) (120 PCF OBM)
**********ARAMCO PERSONNEL**********
ARAMCO GEOLOGIST FAYEZ ALI ALHAZA # 271737 ON LOCATION 1/14/2026
ARAMCO CLERK BHIM BAHADUR MALLA # 8652330 ON LOCATION 3/09/2024
**********RENTAL EQUIPMENT**********
1 X OILSERV 8 HDA-JAR S/N HJDA-800-0040 ON LOCATION 12/16/2025
2 X SLB BARITE SILOS ON LOCATION SINCE 12/01/2025
2 X SLB CENT (BARITE RECOVERY) ON LOCATION SINCE 12/15/2025
1 X OILSERV 6-3/4" JARS S/N 675-022 & 675-008 ON LOCATION 12/31/2025
2 X SAMAA 4-3/4" PBL-SUB S/N HYD475BP86 & HYD475BP11 ON LOCATION 1/26/2026
1 X SAMAA 9-5/8" SCRAPER & 9-5/8" STRING MAGNET ON LOCATION 1/20/2026.
1X SAMAA 7"X 9-5/8" WBCO ASSY FOR INFLOW TEST ON LOCATION 1/26/2026.

**********SERVICE PERSONNEL**********
2 X RAWABI-EMEC MUD ENGINEER ON LOCATION
4 X SLB GEOSERVICE MUDLOGGING UNIT AND CREW ON LOCATION SINCE 11/30/2025
1 X SLB GEOSERVICE FLAIR ENG & EQUIPMENT ON LOCATION SINCE 12/14/2025
2 X SLB SILO OPERATOR ON LOCATION SINCE 12/01/2025
1 X SLB CENTRIFUGE OPERATOR ON LOCATION SINCE 12/15/2025
1 X TAQA H2S PERIMETER MONITORING / H2S SPECIALIST ON LOCATION SINCE 12/01/2025
3 X SLB CMT CREW ON LOCATION 11/21/2025
1 X SAMAA PBL ENGINEER ON LOCATION 1/11/2026
7 X SLB WIRELINE CREW ON LOCATION 1/15/2026
8 X SAPESCO CSG RUNNING & PULD CREW ON LOCATION 1/19/2026.

****
CREATE JOURNEY MANAGEMENT PLAN BEFORE LEAVING COMPANY BASE.
ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT / FULL TANK OF FUEL.
CALL RIG BEFORE ENTERING THE SKID ROAD ARAMCO FOREMAN'S OFFICE (013) 577-6186, CLERK OFFICE (013) 577-6183.
STAY RIGHT ON ALL HILLS AND NIGHTTIME DRIVING IS NOT ADVISABLE, 4X4 IS REQUIRED.
293 KM ON BATHA-SHAYBAH HWY. TURN RIGHT, SKID ROAD DISTANCE 263 KMS TO KTUF-3.
****
LITHOLOGY:
MAX FM GAS:
****
DRILLS:
ALERTS: HSE ALERTS 06-26 & 07-26
****
WATER WELL: KTUF-801
PRODUCTIVITY: 920 GPM & 300 PPM H2S
****
NEXT WELL: KIDN-28. STATUS: COMPLETED FEB.05 2026 AS PER WELLSITES 12/22/2025
NEXT WATER WELL: TBC.
PRODUCTIVITY & H2S @ DISCHARGE POINT: TBC.
LAST VISIT: NO.
PRE-MOVE MEETING: NO.
****
SANAD MANPOWER SHORTAGE: 0

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	1	2API	1	0 Volts	2.93	10.3	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	15HTHP	79	22	0	9 / 13	NCPOL	1.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0.5	35	20	8 / 9	5	240	15.6

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	1	2API	1	0 Volts	3.01	10.2	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	15HTHP	79	23	0	9 / 12	NCPOL	1.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0.5	35	20	8 / 9	5	240	15.4

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
6RR	9,990	9,990	DP Av	DC Av	Bit HHP	N/A	N/A	M443	8.375	SEC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				1	1	WT	A	X
Serial Numb	**Type**	**Jets**	**TFA**							

LIMITED MORNING REPORT

KTUF-3 EXPLORATION DRILLING BI-3300

11/08/2025 - 03/15/2026

	14403082	GT65DH1	6 x 14 /	0.902
	Gauge	Other	POOH Reas	
	0			

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/13/2026	N/A	N/A	NA	N/A	5,317	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SPR	SWK	RIG	EMC	MJH	MH2	BLH	SGR	RIG	ARM	SCM	MI2	SWF	OTH	ARM	SAM	SWL
Category	CSR	CTRG	RIG	DFMS	SEC	H2S	LHES	MLS	OTHR	OTHR	PCS	SCS	SFS	VAC	WSC	WBCS	WLS
No. of Persons	7	16	43	2	4	1	2	5	9	2	3	1	2	1	2	1	8
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	24	24	24	24	24	0	0	24	12	24	0	0

Total 109

TRUCKS/BOATS

Standby/Tankers
C264

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	939	315	35	2700

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

12/27/2025 - 12/13/2027

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PN-11 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PN-11
Well: *RIG MAINTENANCE*
Wellbores:

Charge #: ()
Wellbores:

Objective : (RIG MAINTENANCE.)

Foreman(s): GAMEA, MOHAMED MOUSTAFA / KHARASHY, YOUSSEF MOHAMMED
Engineer: ALDAWSARI, SALLAL ARAR
Manager: HAWSAWI, ABDULLAH OMAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4150	013-378 82 83	013-378 82 86

CONTRACTOR /CLERK VSA T: 013-378 82 84

Last 24 hr operations	Next 24 hr plan
RIG MAINTENANCE.	RIG MAINTENANCE.

Location	Next Location
IMI SHIPYARD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					RIG MAINTENANCE AT IMI SHIPYARD COMMENCED ON 02 JAN 2026. - 26 OUT OF 30 MAINTENANCE DAYS. - DDM GUIDE RAILS REPLACEMENT AND ALIGNMENT: 100%. - BOP ACC. RIGID LINES REPLACEMENT: 100%. - BOP CRANE FORK CYLINDERS: 100%. - DW CALLIPERS OVERHAUL:30%. - C&K LINES INSPECTION AND RECERTIFICATION: 100%. - C&K MANIFOLD REPLACEMENT: 100%. - H2S SENSORS INSTALLATION 20 %. - PDPH CRANE- 80%.

Foreman Remarks

** PERSONNEL ONBOARD:
* ARAMCO CLERK ANWAR, MOHD AKHLAD ID# 8618643 ONBOARD SINCE 29-10-2025.

** NEXT LOCATION: MRJN-590 (MLS).
** EXPECTED RIG MOVE ON 25 JAN 2026.
** RIG MOVE MEETING ON 20 JAN 2026
** RIG MOVE REQUEST RM-2026-4014037.
** RIG MOVE POSITIONING REQUEST #8800025354.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	614	N/A

PERSONNEL AND SERVICES INFORMATION

Company	ARM	ARM	
Category	OTHR	WSC	
No. of Persons	3	1	Total 4
Personnel on Loc. Hrs.	24	24	
Operating Hours.	12	24	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-293 DEVELOPMENT DRILLING BI-60

04/18/2025 - 01/05/2027

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PN-13 @ ABSF-293 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PN-13
Well: ABSF-293
Wellbores: (0) ABSF_293_0

Charge #: (66-25019-0293)
Wellbores: (0) ABSF_293_0

Objective : (THE WELL WILL BE DRILLED AS A SINGLE LATERAL OIL PRODUCER TARGETING ARAB-D RESERVOIR.)

Foreman(s) OSMAN, AHMED FAISSAL / ELSAIY, EHAB ABDELAATY AHMED
Engineer BASARI, EFFENDHY ABIT
Manager HAWSAWI, ABDULLAH OMAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14283	013-673256 1	013-673256 4

CONTRACTOR /CLERK VSA T: 013-673256 3

Last 24 hr operations: M/U DUAL ESP-PDHMS UPPER COMPLETION ASSY.

Next 24 hr plan: M/U AND RIH DUAL ESP-PDHMS UPPER COMPLETION ASSY. ON 4-1/2" N.VAM TBG.

Location: ABSF 290/299, 506 PF

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,664	9 5/8	6770	5924	7	6,202	8,633	6,466

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11664	48.9 (01/17/2026@0800)	100	0	81	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	EOW	C	COMP	HT	PDHMS	WCS	11664	11664			SECURE WELL WITH FOSV & SPOT WFD UPPER GAUGE CABLE REEL.
0600 - 0615	0.25	0	EOW	C	COMP	PJSM	PDHMS	WCS	11664	11664			HELD PJSM PRIOR TO WFD PDHMS CABLE SPLICING.
0615 - 1200	5.75	0	EOW	C	COMP	HT	PDHMS	WCS	11664	11664			WFD PDHMS PERFORM CABLE SPLICING.
1200 - 1230	0.5	0	EOW	C	COMP	PJSM	TBG	RIG	11664	11664			HELD SAFETY STAND-DOWN MEETING, DISCUSSED HSE ALERT 08-26, 09-26 & 10-26. -PERFORMED TDS ZONE MANAGEMENT ANTI-COLLISION TESTS.
1230 - 1500	2.5	0	EOW	C	COMP	HT	PDHMS	WCS	11664	11664			CONT'D WFD PDHMS CABLE SPLICING, CONNECT GAUGE TO MANDREL & FUNCTION TESTED SAME. * UPPER PDHMS GUAGE READING: (P : 11 PSI & TEMP. : 18.6 DEG C). * LOWER PDHMS GUAGE READING: (P : 88 PSI & TEMP. : 20.5 DEG C).
1500 - 1530	0.5	0	EOW	C	COMP	PJSM	TBG	RIG	11664	11664			HELD PJSM PRIOR TO RUNNING WFD PDHMS ASSEMBLIES ON 3-1/2" TBG.
1530 - 1600	0.5	0	EOW	C	COMP	HT	TBG	SPR	11664	11664			RIH WFD PDMHS ON 3-1/2" 9.3# N.VAM L-80 TBG TO 348'.
1600 - 1700	1	0	EOW	C	COMP	DTU	DRFT	SPL	11664	11664			R/U SAPESCO SLICKLINE LUBRICATOR & BOP, PT TO 1000 PSI - OK, DRIFT 3-1/2" TBG WITH 2.867" DRIFT TO 55', POH & R/D SAPESCO SLICKLINE.
1700 - 1715	0.25	0	EOW	C	COMP	PJSM	ESP	BAL	11664	11664			HELD PJSM PRIOR TO R/U BAKER ESP EQUIPMENT
1715 - 1845	1.5	0	EOW	C	COMP	HT	ESP	BAL	11664	11664			R/U BAKER ESP EQUIPMENT.
1845 - 0000	5.25	0	EOW	C	COMP	HT	ESP	BAL	11664	11664			M/U BAKER LOWER ESP ASSY: MOTOR W/ ZENITH SENSOR, INTAKE, SEAL, PUMP, Y-TOOL, & 2-7/8" ZENITH TBG BY-PASS W/XO. FILL MOTOR WITH OIL & TEST SAME. CONNECT ESP MLE CABLE TO MOTOR & PT TO 2500 PSI - OK. CHECK READINGS, PH-PH 2.5 OHMS PH-GR, 5 MIN 20.1 GOHMS, 10 MIN 26.6 GOHMS.
0000 - 0030	0.5	0	EOW	C	COMP	PJSM	ESP	BAL	11664	11664			HELD SAFETY STAND-DOWN MEETING, DISCUSSED HSE ALERT 08-26, 09-26 & 10-26.
0030 - 0130	1	0	EOW	C	COMP	HT	ESP	BAL	11664	11664			RIH BAKER LOWER ESP Y-TOOL ASSY, INSTALLING BYPASS NECK CLAMP & SECURE MLE SHIELD WITH WFD PDHMS CABLE.
0130 - 0215	0.75	0	EOW	C	COMP	HT	TBG	SPR	11664	11664			RIH BAKER LOWER ESP Y-TOOL ASSY ON 3-1/2" EUE 9.2# L-80 TBG TO 500'.
0215 - 0300	0.75	0	EOW	C	COMP	DTU	DRFT	SPL	11664	11664			R/U SAPESCO SLICKLINE LUBRICATOR & BOP, PT TO 1000 PSI - OK, DRIFT 3-1/2" TBG WITH 2.867" DRIFT & TAG Y-TOOL @ 59', POH & R/D SAPESCO SLICKLINE.
0300 - 0459	2	0	EOW	C	COMP	HT	ESPL	BAL	11664	11664			M/U UPPER ESP SADDLE ASSY. WITH ROTARY UNION ASSY., XO, 2-7/8" ZENITH BYPASS...INC.@RT.

Foreman Remarks

WELL ABSF-293 WILL BE DRILLED FROM PF-290/299, 506 AS A MAINTAIN POTENTIAL WELL IN ARBD. THE WELL WILL BE COMPLETED AS SINGLE LATERAL OIL PRODUCER. RESERVOIR SECTION WILL BE DRILLED TO WELL TD AT 11,674FT MD/ 6,445FT TVD AND COMPLETED WITH ICDS TO EQUALIZE FLOW. THE UPPER COMPLETION WILL BE EQUIPPED WITH DUAL ESPS WITH PRESSURE AND TEMPERATURE GAUGES. THIS WELL IS PART OF 10 WELLS TO BE DRILLED ON THIS PLATFORM.

==========PLATFORM SEQUENCE==========

ABSF-298: (SUSPENDED FOR FLOW BACK) L0.
ABSF-297: (SUSPENDED FOR FLOW BACK) L0.
ABSF-295: (SUSPENDED FOR FLOW BACK) L0.
ABSF-293: (CURRENT EOW HS) L0.
ABSF-290: (SUSPENDED FOR 8-1/2" HS) L0.
ABSF-291: (SUSPENDED FOR 8-1/2" HS) L0.
ABSF-292: (SUSPENDED FOR 8-1/2" HS) L0.

LIMITED MORNING REPORT

ABSF-293 DEVELOPMENT DRILLING BI-60

04/18/2025 - 01/05/2027

ABSF-294: (SUSPENDED FOR 8-1/2" HS) L0. DUAL LAT.
ABSF-296: (SUSPENDED FOR 8-1/2" HS, L-1)
ABSF-299: (SUSPENDED FOR 8-1/2" HS, LO) DUAL LAT.
ABSF-506: (COMPLETED TIE-BACK OPERATION), SUSPENDED FOR COMPLETION AND FLOW BACK.
==========CASING SETTING DEPTH==========
32" CONDUCTOR CASING - SET @ 304 FT (+/- 56 FT BELOW ML).
18-5/8" CASING - PLANNED DEPTH IS +/- 653 FT, ACTUAL = 670 FT (+/-50 FT IN RUS).
13-3/8" CASING - PLANNED DEPTH IS +/- 3,640 FT, ACTUAL = 3,633 FT (+/- 50 FT IN PAMU).
9-5/8" CASING - PLANNED DEPTH IS +/- 6,519 FT, ACTUAL = 6,770 FT (+/-100 FT TVD IN HITH).
7" LINER PLANNED DEPTH IS +/- 8,686 FT, ACTUAL = 8,633 FT (ARAB-D MEMBER).
==========HSE==========
* SAFETY STAND-DOWN MEETING HELD X 2 DAILY. DISCUSSED RECENT HSE ALERTS.
* PERFORMED DAILY TDS ZONE MANAGEMENT & ANTI-COLLISION TESTS.
* H2S, FIRE AND ABANDON DRILL CONDUCTED ON JAN-24-2026.
* NEAR MISS#10802928 REPORTED ON JAN-07-2026 IN SLS.
* HAND AND FINGER SAFETY/ HFT CAMPAIGN IS ONGOING.
========== ======PERSONNEL ==========
* ARAMCO CLERK RAJU GOPALI ID #8638153 ONBOARD SINCE DEC-09-2025.
* ARAMCO MATERIAL EXP, ZAIED ALKHALDI ID# 8582991 ONBOARD FROM DEC-30-2025 TO JAN 13, 2026.
* ARAMCO DOECD, MOTAZ ISTANBULI ID# 285794 ONBOARD SINCE JAN 20, 2026.
* ARAMCO PDP TALAL ALSHAMMARI ID#810260 ONBOARD FROM JAN 20, 2026 TO JAN 24, 2026 (DUE TO COURSE)
* ARAMCO FCT, KHALID ALOTAIBI ID# 791388 ONBOARD FROM JAN 22, 2026 TO JAN 27, 2026.
* ARAMCO MATERIAL EXP, ABDULLAH ALJUAID ID# 820924 ONBOARD FROM JAN 13, 2026 TO JAN 25, 2026.
* ARMACO HSE ADVISOR YERZHAN ABDRAKHMANOV ID# 8636305 ONBOARD FROM JAN 06, 2026 TO JAN 19, 2026.
==========CONTRACTOR MANAGEMENT VISIT==========
* RIG MANAGER, MICHELE COLOMBO ID# 8303697, ON RIG SINCE OCT-16-2025 AND LEFT ON OCT-21-2025.
* RIG MANAGER, STEFANO TRINCHERO ID# 8850739, ON RIG SINCE DEC-07-2025 & LEFT ON DEC-08-2025.
* RIG MANAGER, LUCA MICHELOTTO ID# 8436424, ON RIG FROM JAN-01-2026 TO JAN-03, 2025.
* SAIPEM HSE MANGER, SIMONE BUONAIUTO ID# 8488727, ON RIG FROM JAN 22, 2026 TO JAN 25, 2026.
==========RIG DATA==========
* RIG HEADING: 334.5 DEG.
* RIG POSITION: LATITUDE: 26 DEG 56.73' N / LONGITUDE: 050 DEG 32.63' E.
* AIR GAP: 44 FT.
* WATER DEPTH: 113.85 FT.
* RKB TO MSL: 135 FT.
* PORT LEG PENETRATION: 2.29 FT.
* STBD LEG PENETRATION: 4.27 FT.
* BOW LEG PENETRATION: 3.94 FT.
* ANCHORING RESTRICTIONS -NO ANCHORING WITHIN 100 M OF PIPELINE ON PORT SIDE.
==========LC-50 SAMPLES==========
* LC-50 WBM SAMPLE FOR WELL ABSF-296 MN# 2400726812 SENT ON JAN/18/2025 ON PACIFIC AVANGER VESSEL.
* LC-50 OBM SAMPLE FOR WELL ABSF-296 MN# 2400733699 SENT ON FEB/21/2025 ON RAWABI-2 VESSEL.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	11,664	89.5	329	0	6,448	1115.71	-1808.45	6,971.52	0.56

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
71 PCF	0	0API	0	0 Volts	0	9.8	116,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	0HTHP	94	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	6	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
71 PCF	0	0API	0	0 Volts	0	9.7	117,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	0HTHP	94	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	6	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
7RR	11,664	11,664	DP Av	DC Av	Bit HHP	N/A	N/A	517	6.125	VAR
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				2	2	WT	A	E
Serial Numl	**Type**	**Jets**	**TFA**							
7500611	CM24MRS	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-293 DEVELOPMENT DRILLING BI-60

04/18/2025 - 01/05/2027

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	PIT / TRIP DRILLS	3-4 KNOTS SE	1-2 FT	SEASONAL	606	2 X PRE TOUR MEETINGS.

PERSONNEL AND SERVICES INFORMATION

Company	BAL	SPR	LIG	WCS	RIG	EMC	RTF	ARN	WCS	NCS	SPL	ARM	DEL
Category	ALS	CSR	CTRG	PSSC	RIG	DFMS	FILT	OTHR	PDHMS	PCS	SLS	WSC	WHES
No. of Persons	11	4	16	1	69	1	1	2	6	2	3	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	24	0	0	24	12	12	12	24	0	0	24	0

Total
119

TRUCKS/BOATS

Standby/Tankers	Others
RAWABI-201	RAWABI-213

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2173	1353	2032	8036	0	4196

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/20/2026 - 02/04/2026

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PN-7 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: PN-7
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (MLS)

Foreman(s): GIACCHINO, IVANO / LOVE, BARKLEY WADE
Engineer: OKE, OMOLOLU OLALOWO
Manager: FARTAS, ZAHIR EL AMAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088-2167- 771-2104	378-6382	013-378-78 49 (CLERK)

OTHER VSAT	CONTRACTOR /CLERK VSA T
013-378-63 82 (RR)	+39 02010 24052 (RR)

Last 24 hr operations: OFFLOAD CARGO, N/U COFLEX HOSES

Next 24 hr plan: OFFLOAD CARGO, N/U COFLEX HOSES

Location: MARJN-600

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0500 - 0700	2		PRE	M	MAIN	RU	NA	RIG					CONTINUE WITH SKIDDING CANTILEVER INTO POSITION TO INSTALL COMBO SHAKER HOSE.
0700 - 0730	0.5		PRE	M	MAIN	RU	NA	RIG					INSTALL COMBO SHAKERS HOSE SECURING FLANGE MAKE-UP.
0730 - 0830	1		PRE	M	MAIN	RU	NA	RIG					SKID CANTILEVER BACK TO WELL CENTER.
0830 - 0930	1		PRE	M	MAIN	RU	NA	RIG					RIG UP HOSES AROUND TRIP TANK AND SHALE SHAKER. OFFLOAD MATERIALS FROM BOAT. ARRANGE SPACE ON PIPE DECK. INSTALL PLUGS ON MUD STANDPIPE HARD LINES
0930 - 1300	3.5		PRE	M	MAIN	RU	NA	RIG					ARAMCO, AND SAIPEM MANAGEMENT ON BOARD. HELD PRE-SPUD MEETING. STAND DOWN SAFETY MEETING WITH CREWS. DISCUSSED SAFETY TOPICS, COVERED ARAMCO AND SAIPEM CONCERNS AND EXPECTATIONS FOR UPCOMING OPERATIONS.
1300 - 1400	1		PRE	M	MAIN	RU	NA	RIG					SIMULATE DEAD SHIP DRILL AS PART OF DOC&ED VERIFICATIONS TO PREVIOUS PCI FINDINGS (ALL OK)
1400 - 2015	6.25		PRE	M	MAIN	RU	NA	RIG					HPJSM. TRANSFER PRODUCTION COFLEX FROM PIPE DECK, ROUTED IT VIA RIG FLOOR, AND LOWERED IT FOR INSTALLATION ON TEXAS DECK
2015 - 0300	6.75		PRE	M	MAIN	RU	NA	RIG					INSTALL PRODUCTION COFLEX. - MEANWHILE PREPARE 5 1/2" DRILL PIPE ON CANTILEVER. - CONTINUE WITH OFFLOADING DRILLING MATERIAL FROM URDANETA-TIDE. - ASSIST MECHANICAL TEAM TO SERVICE HYDRA RACKER, HYDRA TONG AND CAT WALK.
0300 - 0459	2		PRE	M	MAIN	RU	NA	RIG					TRANSFER CHOKE LINE HOSE FROM MAIN DECK TO PIPE DECK. AND THEN TO RIG FLOOR. - CONTINUE WITH OFFLOADING DRILLING MATERIAL FROM URDANETA-TIDE.

Foreman Remarks

WELL OBJECTIVE: MRJN-600, WHICH WILL BE DRILLED AS OIL-EVALUATION/PRODUCER IN MRJN. THE WELL IS LOCATED 10.8 KM S12W OF MRJN-186 AND 11.598 KM S1W OF MRJN-44.

SAFETY:
- DAILY ARAMCO RADIO CHECK WITH ECC:
- WEEKLY RUN E-GENERATOR: 24/JAN/2026
- WEEKLY THURAYA CHECK:
- WEEKLY SAFTEY DRILLS: HELD H2S & ABANDON 21/JAN/2026
- TOURLY SAFETY MEETING AS PER SAIPEM AND SAUDI ARAMCO.

PERSONNEL:
- ARAMCO MATERIAL EXPIDITER SATHIYA MOORTHY, RAMKUMAR #8054948 ON BOARD 14/JAN/2026.
- DOECD AUDITOR DIJITH NELLERI BADGE # 8559001 ONBOARD FOR PCI SINCE 26 JANUARY 2026.
- DOECD AUDITOR ABDULAZIZ ALMALKI BADGE # 785999 ONBOARD FOR PCI SINCE 27 JANUARY 2026

- SAIPEM MANAGEMENT VISIT:
- SAIPEM RIG MANAGER - FABIO GORLA FABIO VISITED RIG 27/JAN/2026
- SAIPEM RIG HSE MANAGER -

DAILY SURVEY
MUD DATA
MUD

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/20/2026 - 02/04/2026

أرامكو السعودية
saudi aramco

TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SE 0.14	0.6	CALM	6,291	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	BDF	ARM	SCM	ARM	
Category	CTRG	RIG	DFMS	OTHR	PCS	WSC	
No. of Persons	14	66	1	3	3	2	Total 89
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers
RAWABI-209

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

MAINTENANCE BI-RM

12/15/2025 - 01/01/2027

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PN-8 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig PN-8 Well *RIG MAINTENANCE* Wellbores:	Charge #: () Wellbores:	Objective : (OIL-PRODUCER SINGLE LATERAL.)	Foreman(s) Engineer Manager

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088-2167- 771-4133	673-6990	673-9949 (CLERK)
OTHER VSAT	OTHER VSAT	CONTRACTOR /CLERK VSA T
673-9950 (RR)	673-3858 (HSE)	003-902102 1303 (OIM)

Last 24 hr operations	Next 24 hr plan
RIG MAINTENANCE.	

Location	Next Location
MNIF-570/579 PLATFORM.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					RIG MAINTENANCE.

Foreman Remarks

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	1,153	N/A

PERSONNEL AND SERVICES INFORMATION

Total

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
555	1204	2376	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

MAINTENANCE BI-RM

02/23/2018 - 09/09/2028

RBP-50A @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

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THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12115	013-378-63 27	013-378-63 35 (RR)
CONTRACTOR /CLERK VSA T 013-510622 3 (OIM & R F)	CONTRACTOR /CLERK VSA T 013-510-62 22 (RR)	CONTRACTOR /CLERK VSA T 013-378 63 26 (CLERK)

Last 24 hr operations	Next 24 hr plan
PLANNED RIG MAINTENANCE	PLANNED RIG MAINTENANCE

Location	Next Location
RAS TANURA	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0		0	0		0	0	0

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)	0			

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					RIG MAINTENANCE AT SHIPYARD.

Foreman Remarks

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	5,055	N/A

PERSONNEL AND SERVICES INFORMATION

Total

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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MAINTENANCE BI-RM

11/11/2017 - 06/05/2026

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RM-74A @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s)
RM-74A	()	(MAINTENANCE)	Engineer
Well	Wellbores:		Manager FARTAS, ZAHIR EL AMAR
RIG MAINTENANCE			
Wellbores:			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12704	013-378-83 65	013-378-83 67 (RR)

CONTRACTOR /CLERK VSA T
013-378 83 66 (CLERK)

Last 24 hr operations	Next 24 hr plan
PLANNED RIG MAINTENANCE	PLANNED RIG MAINTENANCE

Location	Next Location
RAS TANURA ANCHORAGE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0		0	0		0	0	0

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)	0			

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					RIG MAITENANCE AT SHIPYARD.

Foreman Remarks

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,685	N/A

PERSONNEL AND SERVICES INFORMATION

Total

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1615	1535	2580	2075	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-787 WORKOVER-4 BI-90

01/20/2026 - 02/12/2026

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RPKU-3 @ UTMN-787 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: RPKU-3
Well: UTMN-787
Wellbores: (0) UTMN_787_0

Charge #: (61-26057-0787)
Wellbores: (0) UTMN_787_0

Objective : (W | ABANDON: WELL NOT SUITABLE FOR PRODUCTION, INJECTION OR OBSERVATION)

Foreman(s) ACHOUR, FATEH / TOUARES, ABDESSATTAR
Engineer NGO, TUAN ANH
Manager SAAD, SAAD RASHED

THURAYA	RIG FORMAN VSAT
0088216777 11344	0135726889

Last 24 hr operations	Next 24 hr plan
RIH CMT BAILLER & SPOT CMT ON TOP OF TTBP.	WOC, TAG TOC.

Location	Next Location
190 KM FROM DHAHRAN MAIN GATE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
3,449	13 3/8	2247	2247	9 5/8	709	2,839	2,839

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
3449	4.7 (01/23/2026@1130)		0	160	190

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	POST	N	PA	OTH	NA	SWL	0	0			RIH WITH SLB CMT BAILER'S TOOL ON W/L CABLE, SPOT 20' OF CMT ON TOP OF TTBP.

Workover Objectives

Foreman Remarks

========== SAFETY ==========
>> HELD RIG SAFETY MEETING WITH ALL PERSONNEL.
>> CONDUCT SECONDARY COMBINED EMERGENCY DRILL. ON 01-22-26

==========ARAMCO POB==========
-SAOWOD SAFETY ADVISOR ALLAN KIRBY GANELO #8451165 ON LOCATION FOR SUPPORT ON CRETICAL WELL DAY-SHIFT.
-SAOWOD SAFETY ADVISOR ZUBAIR KHAN ID # 8071178 ON LOCATION FOR SUPORT ON CRETICAL WELL NIGHT-SHIFT.
-ALBLWEI, AHMED, J ON LOCATION
-WOED FAWAZ, FAWAZ WOE # 826649 ON LOCATION.

==========SERVICE COMPANY ON LOCATION ==========
-SLB SLICKLINE CREW & EQUIPMENT ON LOCATION FROM 01/21/2026 @ 04:00PM TO 01/24/2026@ 10AM.
-SLB CMT CREW & EQUIPMENT ON LOCATION FROM 01/21/2026@ 11:00AM.
-SLB W/L ON LOCATION FROM 01/24/2026@ 08:00AM.
-SINOPEC GAS MONITORING SERVICE, OPERATOR AND MATERIAL ON LOCATION FROM 01/20/2026 @ 13:00PM.

========== NEXT WELLS ==========
>> UTMN-571 (WH): KOM HELD ON 5/6/2025 STRIPPING OUT 100% LOCATION READINESS 90%. WHIT PERFORMED ON 01/22/2025. MV PASSING, NEED TO INSTALL ADDITIONAL CV.
>> ANDR-259 (P&A): KOM HELD ON 11/9/2025 STRIPPING OUT 100% LOCATION READINESS 90%, REQUIRED WHIT.
>> HRDH-1734 (STUCK HEX PLUG): KOM HELD ON 11/13/2025 STRIP OUT 100% LOCATION READINESS 0% (REQUIRED WHIT).
>> HRDH-1721 (WH): KOM HELD ON 11/13/2025 STRIP OUT 50% LOCATION READINESS 0% (REQUIRED WHIT).
>> HRDH-304 (WH): KOM HELD ON 12/22/2025 STRIPPING OUT 0% LOCATION READINESS 0%, WHIT DONE ON 11/19/2025, CV & WV HOLDING, MV PASSING, INSTALLED ADDITIONAL CV.
>> ABQQ-289 (WH): KOM HELD ON 7/15/2025 STRIP OUT 100% LOCATION READINESS 0% (REQUIRED WHIT).
>> ABQQ-496 (WH): KOM HELD ON 7/15/2025 STRIP OUT 100% LOCATION READINESS 0% (REQUIRED WHIT).
>> ABQQ-71 (P&A): STRIP OUT 100% LOCATION READINESS 80% (REQUIRED WHIT). NEED TO MOVE BEDOUIN CAMPS OUT OF LOCATION.
>> KHRS-429 (CESP): KOM HELD ON 11/26/2025 STRIP OUT 100% LOCATION READINESS 100% (REQUIRED WHIT).
>> KHRS-196 (CESP): KOM HELD ON 11/26/2025 STRIP OUT 100% LOCATION READINESS 100% (REQUIRED WHIT).
>> KHRS-154 (CESP): KOM HELD ON 11/26/2025 STRIP OUT 100% LOCATION READINESS 0% (REQUIRED WHIT). RESTRICTED AREA ACCESS REQUIRED.
>> SDGM-91 (WH): STRIP OUT 100%, LOCATION READINESS 100% (ALREADY PERFORMED WHIT AND REQUIRING PE/FS TO FIX WV PASSING).
>> SDGM-133 (WH): STRIP OUT 0%, LOCATION READINES 0% (REQUIRED WHIT) REQUIRING PE/FS TO FIX WV PASSING).
>> UTMN-1532 (CCA): KOM TO BE SCHEDULED AS PRIORITY.
>> ANDR-363 (WH): KOM TO BE SCHEDULED.
>> ANDR-92 (P&A): KOM TO BE SCHEDULED.
>> HWYH-83 (WH): KOM HELD ON 12/18/2025 STRIP OUT 0%, LOCATION READINESS 0%, REQUIRED WHIT.
>> HWYH-136 (WH): KOM HELD ON JAN 06, 2026. STRIP OUT 0%, LOCATION READINESS 0%, REQUIRED WHIT.
>> HRDH-82 (WH): KOM TO BE SCHEDULED.
>> ANDR-161 (WH): KOM TO BE SCHEDULED.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	692	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RIG	SNS	SCM	SLL	ARM	Total
Category	RIG	H2S	PCS	SLS	WSC	33

LIMITED MORNING REPORT

UTMN-787 WORKOVER-4 BI-90

01/20/2026 - 02/12/2026

	No. of Persons	17	2	6	6	2
	Personnel on Loc. Hrs.	24	24	24	24	24
	Operating Hours.	24	24	24	24	24

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

KIDN-27 EXPLORATION DRILLING BI-3300

07/23/2025 - 03/03/2026

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RTC-2 @ KIDN-27 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: RTC-2
Well: KIDN-27
Wellbores: (0) KIDN_27_0

Charge #: (75-24771-0027)
Wellbores: (0) KIDN_27_0

Objective : (CONDUCT 3 CASED HOLE TESTS TO EVALUATE THE HYDROCARBON POTENTIALS)

Foreman(s) ACHIRI, SAMIR / KHADRA, SOLIMAN AFIFY
Engineer KARUNAKARAN, PRASAD
Manager HARBI, MAGBEL MENAWER

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12223	013-574-64 15	013-574-64 17

OTHER VSAT: 013-578-84 05 TESTING ENG.

Last 24 hr operations
SLB W/L RUN DUMMY GUNS. SLB W/L RUN CHDST#1 PERF. GUNS INTERVAL 30 FT.

Next 24 hr plan
SLB W/L RUN CHDST#1 PERF GUNS TOTAL INTERVAL 60 FT. SLB S/L RUN & SET DH GAUGES. R/U & P/T SLB CTU EQUIPMENT.

Location
F/BATHA, 293 KM ON SHAYBAH HWY, TURN RIGHT @ SHUBAYTAH & PROCEED 163 KM SKID ROAD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,707	9 5/8	8105	8105	4 1/2	9,017	10,909	10,909

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10707	89.5 (01/25/2026@0700)	100	0	601	758

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	EOW	E	TEST	OTH	NA	SWL	10912	10912			PJSM, CONTINUE R/U SLB W/L 10K LUBRICATOR & BOPS, CONNECT LUBRICATOR, FLUSH & P/T BOP'S & LUBRICATOR TO 6,000 PSI, OK.
0530 - 1430	9	0	EOW	E	TEST	OTH	NA	SWL	10912	10912			PJSM, SLB W/L RIH W/ 40' DUMMY GUN ON (GR-CCL-PRESSURE-TEMPRATURE) TOOLS, TO 10717' (W/L DEPTH), RECORD CORRELATION PASS, POOH TO SURFACE & L/D TOOLS.
1430 - 2330	9	0	EOW	E	TEST	PERF	PGUN	SWL	10912	10912	10650	10620	PJSM. SLB W/L M/U 40 FT 3-3/8" CSG GUNS & GR-CCL TOOL, CHECK TOOLS, OK. R/U SLB W/L LUBRICATOR, LOADED WITH GUNS, P/T QUICK TEST SUB TO 6,000 PSI, OK. SLB W/L RIH W 40 FT 3-3/8" W/L CSG GUNS (6 SPF, 60 DEG PHASING, POWER JET NOVA HMX CHARGES) ON GR-CCL TOOLS, APPLY 50 PSI IN TBG SIDE & 300 PSI IN TCA, CORRELATE GUN DEPTH, PERFORATE CHDST#1 INTERVAL AT (10,650'-10,620') 30 FT. CONFIRM GOOD INDICATION AT SURFACE. POOH TO SURFACE, FLUSH LUBRICATOR, L/D LUBRICATORS & TOOLS, CHECK ALL GUNS SHOTS FIRED. - MONITOR WELL ON WELL TESTING CHOKE MANIFOLD.
2330 - 0459	5.5	0	EOW	E	TEST	PERF	PGUN	SWL	10912	10912	10620	10590	PJSM. SLB W/L M/U 40 FT 3-3/8" CSG GUNS & GR-CCL TOOL, CHECK TOOLS, OK. R/U SLB W/L LUBRICATOR, LOADED WITH GUNS, P/T QUICK TEST SUB TO 6,000 PSI, OK. SLB W/L RIH W 40 FT 3-3/8" W/L CSG GUNS (6 SPF, 60 DEG PHASING, POWER JET NOVA HMX CHARGES) ON GR-CCL TOOLS TO 10620', SLB W/L TOOLS LOST COMMUNICATIONS, TROUBLESHOOT ACQUISITION SYSTEM, POOH FOR CHANGING TOOLS ONGOING AT RPT. - MONITOR WELL ON WELL TESTING CHOKE MANIFOLD.

Foreman Remarks

---------- OBJECTIVES ----------
- OBJECTIVE: CONDUCT 3 CASED HOLE TESTS TO EVALUATE HDRR & UJBR RERSERVOIRS ON EXPLORATION WELL KIDN-27
---------- ARAMCO PERSONNEL ----------
- ARAMCO TESTING ENG SAUD HAJRI #297791 ON LOCATION SINCE 1/24/26
- ARAMCO TESTING ENG MOHANA ALJABRI #813925 ON LOCATION SINCE 1/24/26
---------- THIRD PARTY ----------
* SLB MAIN & MINICAMP ARRIVE ON LOCATION 1/1/26 & PARTIALLY FUNCTIONAL ON 1/3/26 DUE TO SEVERE REPAIR & MISSING ITEMS COMLETE 100% 1/15/26. CLOSED P1 AUDIT FINDINGS ON 1/20/26.
* SLB TESTING PACKAGE EQUIPMENT START ARRIVING ON 1/1/26 & COMPLETE EQUIPENT ON 1/8/26 CREW START ON 1/1/26 & COMPLETED ON 1/9/26. CLOSED P1 AUDIT FINDINGS ON 1/19/26.
* SLB CTU & BSP EQUIPMENT START ARRIVING ON 1/4/26 & PARTIALL EQUIPENT ON 1/7/26 (WAIT FOR INJECTOR STAND) CREW START ON 1/3/26 & COMPLETED ON 1/8/26. CLOSED P1 AUDIT FINDINGS ON 1/14/26.
* SLB S/L & W/L CREWS AND EQUIPMENT ON LOCATION ON 1/7/26. CLOSED P1 AUDIT FINDINGS ON 1/20/26.
* WELLLINK ENGINEER ON LOCATION 1/7/26.
* RAWABI MUD ENGINEER ON LOCATION 1/7/26.
---------- JOURNEY MANAGEMENT ----------
CREATE JOURNEY MANAGEMENT PLAN BEFORE LEAVING COMPANY BASE. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT / FULL TANK OF FUEL. DISTANCE FROM DHAHRAN TO RIG 758 KM INCLUDING "SKID ROAD 163 KM" SKID ROAD HAS NO MOBILE SIGNAL CALL RIG BEFORE ENTERING THE SKID ROAD SLB OFFICE (013) 813-7218, CLINC (013) 813-7801 & ARAMCO OFFICE (013) 574-6415. STAY RIGHT ON ALL HILLS AND NIGHTTIME DRIVING IS NOT ADVISABLE, 4X4 IS REQUIRED.
* 293 KM ON BATHA-SHAYBAH HWY. TURN RIGHT, SKID ROAD DISTANCE 163 KMS TO KIDN-27.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	4,428	N/A

PERSONNEL AND SERVICES

Company	OTH	SCT	BR1	EMC	ARM	SLL	ARM	SWT	SWL	SWL	Total
											135

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

KIDN-27 EXPLORATION DRILLING BI-3300

07/23/2025 - 03/03/2026

أرامكو السعودية
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INFORMATION

Category	CTRG	COIL	RINS	DFMS	OTHR	SLS	WSC	WTSE	WLS	LPS
No. of Persons	30	27	1	1	3	4	2	56	8	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	12	12	12	0	24	24	24	24

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2500	500	539	25	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-3267 WORKOVER-1 BI-60

01/11/2026 - 02/12/2026

أرامكو السعودية
saudi aramco

SCTD-1 @ UTMN-3267 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SCTD-1
Well: UTMN-3267
Wellbores: (0-1) UTMN_3267_1

Charge #: (71-25057-3267)
Wellbores: (0-1) UTMN_3267_1

Objective : (RE-ENTER THE PRESET WELL UTMN-3267 BY DRILLING THREE LATERALS ACROSS KHUFF-B RESERVOIR.)

Foreman(s): ALZOWAYED, ALAA JASSIM / ALZAHRANI, AHMAD SALEM / ALMUQRIN, MUATH ADEL
Engineer Manager: RAMDHAN, HUSSAIN SALMAN / ALDOSARI, ABDULRAHMAN MUTLAQ

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 1178	577-3573	COIL CAB: 013-664-89 06

CONTRACTOR /CLERK VSA T: 013-664-89 01

Last 24 hr operations: 2-PHASE TURBINE DRLG KHUFF-B1 L 0-1 AS PER GOC, POH, BI-WEEKLY BOP PT.

Next 24 hr plan: BI-WEEKLY BOP PT, RIH BHA#2, 2-PHASE TURBINE DRLG KHUFF-B1 L 0-1 AS PER GOC.

Location: UTMN-3267 AT 10 KM TO UDHALIYAH MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,055	9 5/8	9886	9886	4 1/2	10,181	13,165	11,552

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14560	11.3 (01/16/2026@2200)	100	70	146	145

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0-1	3 5/8	N	DRLG	DMS	TBINE	SDM	14985	15000			2-PHASE TURBINE DRILLING KB01 L 0-1 AS PER GOC. ~ PR: 71 GPM, N2: 750 SCFM, ELV: 119 GPM, 3,040 RPM, CP: 2,665 PSI, DIFF: 1,565 PSI. ~ WEIGHT CHECKS & SWEEPS AS REQU'D. RG AT 0.75%. ~ G/R: 1.2 MMSCFD, WHP: 105 PSI, TCA: 255 PSI, BHP: 2,590 PSI, BHT: 313 F. H2S: 2.4%, CO2: 1.0%. ~ TREAT WITH: SCAV-W=0.5 BPH: CAUSTIC 0.5 BPH.
0530 - 0630	1	0-1	3 5/8	N	DRLG	ST	CTBG	RIG	15000	15000	15000	14650	PERFORM SHORT WIPER (PU/DN: 67/46 KLBS). ~ INSPECT JUNK CATCHER: CLEAN.
0630 - 0930	3	0-1	3 5/8	N	DRLG	DMS	TBINE	SDM	15000	15055			2-PHASE TURBINE DRILLING KB01 L 0-1 AS PER GOC. ~ PR: 71 GPM, N2: 750 SCFM, ELV: 119 GPM, 3,040 RPM, CP: 2,710 PSI, DIFF: 1,566 PSI. ~ WEIGHT CHECKS & SWEEPS AS REQU'D. RG AT 1%. ~ G/R: 1.4 MMSCFD, WHP: 80 PSI, TCA: 251 PSI, BHP: 2,600 PSI, BHT: 312 F. H2S: 2.2%, CO2: 1.0%. ~ TREAT WITH: SCAV-W=0.5 BPH: CAUSTIC 0.5 BPH. * AT 15,044 FT MD, INCREASED RG TO 1.0% DUE TO WEIGHT STACKING. * AT 15,055 FT MD, PU FOR WEIGHT CHECK, HAD 5 KLB DRAG, CONTINUE FOR LONG WIPER.
0930 - 1130	2	0-1	3 5/8	N	DRLG	ST	CTBG	RIG	15055	15055	15055	13700	PERFORM LONG WIPER (PU/DN: 65/46 KLBS). ~ INSPECT JUNK CATCHER: CLEAN. ~ AT 13,700 FT, D&M LOST COMMUNICATION WITH ORIENTOR AND MWD TOOLS. TROUBLESHOOT WITHOUT SUCCESS, POH TO CHANGE BHA.
1130 - 1700	5.5	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	15055	15055	13700	160	POH WITH TURBINE DRLG ASSY TO CHANGE BHA. ~ PASS STP & SHOE WITHOUT ISSUES. ~ STOP N2 & DISPLACE COIL VOLUME. ~ SHUT IN WELL AT 6,000 (SIWHP @ 50 PSI). ~ INSPECT JUNK CATCHER: CLEAN.
1700 - 1800	1	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	15055	15055	160	0	ENGAGED X-TAG AT 160 FT ~ TAG STRIPPER AT -21.66 FT W/ 5 KLBS.
1800 - 1930	1.5	0-1	3 5/8	N	DRLG	HT	BHA	RIG	15055	15055			HPJSM, UNDEPLOY BHA#1 (APP). (SIWHP 538 PSI) ~ FLUSH STACK WITH 30 BBLS CAUSTIC WATER. ~ RUN COIL TO GROUND AND CHECK MINIMUM COIL THICKNESS ON UTT READING: "0.185" (ABOVE MINIMUM).
1930 - 2200	2.5	0-1	3 5/8	N	BOP	BOP	RAMS	RIG	15055	15055			HPJSM, PERFORM RAM CHECK APP. ~ OPEN & INSPECT LOWER BLIND/SHEAR RAMS- OK. ~ CHANGED REAR SEALS AND BONNET O RINGS, CLOSE & FUNCTION TEST SAME. * GREASE ALL VALVES. FLUSH ALL EQUIP WITH WATER.
2200 - 0459	7	0-1	3 5/8	N	BOP	BOPT	BOP	RIG	15055	15055			HPJSM, BI-WEEKLY HYDRO-TEST BOPE & UBD FLOW PACKAGE (APP), REPAIR LEAKS, GREASSING VALVES, CYCLE VALVES AND FLUSH LINES AS REQUIRED... ONGOING AT RT. * 10K EQUIPMENT/STRIPPERS: 300/8500 PSI * ANNULAR: 300/7000 PSI * COLD FLARE LINE: 300/1200 PSI * UBD EQUIP TO RATED PRESSRE LOW/HIGH.

Workover Objectives

Foreman Remarks

SGA1: 1.5 KM NE, SGA2: 1.6 KM SW.

LIMITED MORNING REPORT

UTMN-3267 WORKOVER-1 BI-60

01/11/2026 - 02/12/2026

COIL STRING #41168:
~ COIL LENGTH: 17,271', E-LINE LENGTH: 17,786', SLACK: 2.98%, CT VOLUME: 61.2 BBL.
~ TOTAL DRILLED FOOTAGE: 21,730 FT, DAILY RUN FOOTAGE: 974 FT, ACCUM RUNNING FOOTAGE: 545,927 FT, HIGHEST FATIGUE: 28.5% AT (12,226').
---
* RUNS SINCE LAST SLACK MANAGEMENT: 1

LATERAL FOOTAGE:
~ L 0 KHUFF-B1 93.03 DEG AZIM = 1,901 FT.
~ L 0-1 KHUFF-B1 71.57 DEG AZIM = 1,445 FT.

BHA#1: NEW SMITH BIT (SN: SA01690) & =1.25 DEG AKO DP2 TURBINE (SN: TBE006/TBS006), 25.4 REV/GAL, DCD 20K.
~ D+I @ 38.50 FT, GR @ 42.41 FT.

GENERAL WELL INFO:
~ DAILY FLARED: 0.960 MMSCF, (TTL: 8.722) MMSCF.
~ DAILY CONDENSATE PRODUCED: 0 BBLS (TTL: 0 BBLS); BURNED: 0 BBLS (TTL: 0 BBLS).
~ H2S @ 2.2%, CO2 @ 1.0%.
~ TREAT WITH: SCAV-W: 0.5 BPH; CAUSTIC= 0.5 BPH
~ PRODUCTION LINE: EXPORT LINE IS NOT READY AS IT REQUIRES REVALIDATION AS PER PRODUCING.
~ CORROSION INHIBITOR: DAILY PUMPED: 0 GAL.

~ MIN AV: 4 1/2 TBG X 2 3/8 CT= 381 FPM, CTR =0.869; 3-5/8 OH X 2-3/8 CT = 464 FPM, CTR=0.936

~ N2 ON LOCATION: 23,800 GALLONS, DAILY N2 USAGE: 5,200 GALLONS, N2 USAGE (PT & METER FACTOR)= 7,000 GAL. CUMULATIVE N2 USAGE FOR DRILLING: 102,400 GAL.

VACUUM TANKERS ON LOCATION: 8, DAILY LOADS: 7 TOTAL 227 LOADS.
~ DRSS #3000369523, 3000369526
+ 3557-RSA/376, + 7821-NSA/028
+ 8623-JDA/010, + 7947-NSA/030
+ 1116-EJA/041, + 3310-HRA/541
+ 7798-XDA/036, + 3883-JDA/015

DRILLS: 1-MAN DOWN DRILL
---
* NEXT WELLS:
~ UTMN-1971: PRE-WORKOVER MEETING HELD ON 11/12/2025, NO STRIP OUT WORK NEEDED, CIVIL WORK: 90%, EXPORT LINE STATUS: FL REQUIRE REVALIDATION.
~ UTMN-1923: PRE-WORKOVER MEETING HELD ON 11/27/2025, NO STRIP OUT WORK NEEDED, CIVIL WORK: 80%, EXPORT LINE STATUS: NOT EXISTING.
~ UTMN-3171: PRE-WORKOVER MEETING HELD ON 12/25/2025, NO STRIP OUT WORK NEEDED, CIVIL WORK: 0%, EXPORT LINE STATUS: UNDER PMT CONSTRUCTION.
---
* ARAMCO PERSONNEL:
~ THABIT, KHALID #284775 ON LOCATION SINCE 01/21/2026
~ HSE ADVISOR AHMED ISHTIAQ #7276960 ON LOCATION SINCE 01/23/2026 PREPARE RIG FOR RHSEI & WELL CONTROL INSPECTION.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	15,000	91.88	77.43	30	11,654	-468.48	800.73	3,043.65	10.96

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	Volts	0	0	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
118	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
27	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	Volts	0	0	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
118	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
27	0	0	0	0 / 0	0	0	0

MUD TREATMENT

RADIAGREEN	CAUST	DUOVIS-NS	S-SCAV W
9 (55GL)	5 (50LBP)	1 (25KG)	13 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
9	13,168	15,069	DP Av	DC Av	Bit HHP	1	3,040	M143	3.625	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,640	119	N/A				1	1	WT	S	X
Serial Numi	**Type**	**Jets**	**TFA**							
SA01690	MDSI509V4MC	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	174	N/A	63	48	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-3267 WORKOVER-1 BI-60

01/11/2026 - 02/12/2026

أرامكو السعودية
saudi aramco

	Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	01/15/2026	SEASONAL	NA	SEASONAL	4,099	2X PRE-TOUR + PJSMS

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SCT	SDM	RUE	STO	RIG	ARM	STO	OTH	ARM
Category	CTRG	COIL	DPDS	H2S	IOS	OTHR	OTHR	UBD	VAC	WSC
No. of Persons	27	16	4	6	2	12	4	16	8	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	10	24

Total
98

TRUCKS/BOATS

Standby/Tankers
f-086

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2000	377	379	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-1881 WORKOVER-2 BI-60

01/15/2026 - 02/16/2026

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SCTD-2 @ UTMN-1881 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SCTD-2
Well: UTMN-1881
Wellbores: (0-1-1) UTMN_1881_2, (0-1) UTMN_1881_1

Charge #: (71-25057-1881)
Wellbores: (0-1-1) UTMN_1881_2, (0-1) UTMN_1881_1

Objective : (DRILLING THREE UBCTD LATERALS ACROSS KHFB RESERVOIR)

Foreman(s): ALELWEET, SULAIMAN ABDULLAH / GHAMDI, BADER ABDULMOHSEN / ALKHLIFAH, MOHAMMED MOFEED
Engineer Manager: ALQAHTANI, ABDULLAH NASSER / OTAIBI, MUKHLED FARAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 2366	576-3027	013-664-89 98

Last 24 hr operations
TURBINE DRLG L-0-1 AS PER GOC, TD L-0-1, POH TO VERTICAL, INITIATE & TIME DRILL SIDETRACK L-0-1-1

Next 24 hr plan
TIME DRILL SIDETRACK L-0-1-1, TURBINE DRLG L-0-1-1 AS PER GOC

Location
UDH TRAFFIC LIGHT TURN SOUTH, AFTER 6 KM RIG ON RIGHT SIDE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,141	9 5/8	12515	12174	4 1/2	11,700	12,690	12,045

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14322	7.7 (01/20/2026@1300)	100	107	160	160

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1800	13	0-1	3 5/8	N	DRLG	DMS	TBINE	SDM	14322	14428			SINGLE PHASE TURBINE DRLG L-0-1 AS PER GOC. ~ PR @ 84 GPM, CIRC PRESS @ 3,950 PSI, DIFF @ 1,380 PSI, WOB @ 1.1 KLB. ~ WHP @ 45 PSI, TCA @ 300 PSI, BHP @ 5,270 PSI, DHT @ 295 DEG.F. ~ GR= 0 MMSCFD, H2S @ (0 %) 0 PPM, CO2 @ 0 %. ~ HVP 5 BBLS/HR, WT CHECKS AS REQUIRED, RG @ 1%. ** MULTIPLE TURBINE STALLS - W/ 8 KLBS OP. ** TD L-0-1 DUE TO HOLE INSTABILITY ISSUES (MD= 14,428 FT , TVD= 12,082.39 FT, INC= 87 DEG, AZM= 57 DEG) .
1800 - 2130	3.5	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	14428	14428	14128	7700	POH TO VERTICAL FOR NEW ST. ** UBD INSPECT JC - FOUND 30 KG OF FORMATION DEBRIS.
2130 - 0100	3.5	0-1	3 5/8	N	DRLG	TI	CTBG	RIG	14428	14428	7700	13140	RIH TO NEW OHST, PASS SHOE, OK, RUN GR CORRELATION, REAM & WASH TO NEW STP.
0100 - 0230	1.5	0-1	3 5/8	N	DRLG	RW	BIT	RIG	14428	14428	13140	13110	TROUGH UP/DOWN AS PER SLB D&M.
0230 - 0300	0.5	0-1	3 5/8	N	DRLG	CIRC	MPMP	RIG	14428	14428			PARK COIL, D&M SETUP ST DATA BASE FOR L-0-1-1. UBD INSPECT JUNK CATCHER - CLEAN.
0300 - 0300	0	0-1-1	3 5/8	S	OT	TINL	NA	RIG	13140	13140			TIE-IN NEW LATERAL L-0-1-1.
0300 - 0459	2	0-1-1	3 5/8	N	DRLG	DMS	TBINE	SDM	13140	13141			INITIATE & TIME DRILL SIDETRACK L-0-1-1 AS PER SLB D&M. ~ PR @ 92 GPM, CIRC PRESS @ 3,666 PSI, DIFF @ 1,190 PSI, WOB @ 0 KLB. ~ WHP @ 42 PSI, TCA @ 300 PSI, BHP @ 5,300 PSI, DHT @ 295 DEG.F ~ GR= 0 MMSCFD, H2S @ (0%) 0 PPM, CO2 @ 0 %.

Workover Objectives

Foreman Remarks

SG#1: 1.6 KM NE.
SG#2: 1.6 KM NW.

COIL STRING #41223, INFO:
~ COIL LENGTH = 18,616 FT, E-LINE LENGTH = 19,083 , COIL VOLUME = 65.9 BBL, SLACK= 2.5 %, MAX COIL LIFE = 16.1 % @ 12,931 FT.
~ COIL DRILLING FT = 14,773 FT, CT CUM FT = 466,799 FT
~ TRIPS SINCE LAST SLACK MANAGEMENT: 7 RUNS
~ CT REEL SWAP COMPLETED ON OCT-3-2025

GAS INFO AT 5:00 HR
~ GAS: DAILY FLARED: 0 MMSCF (TTL: 0 MMSCF); TOTAL FLARED: 0 MMSCF (TTL: 0 MMSCF)..
~ GAS: DAILY EXPORTED: 0 MMSCF (TTL: 0 MMSCF); TOTAL EXPORTED: 0 MMSCF (TTL: 0 MMSCF)..
~ CONDENSATE: DAILY PRODUCED: 0 BBLS (TTL: 0 BBLS); DAILY BURNED: 0 BBLS (TTL: 0 BBLS); TOTAL BURNED: 0 BBL (TTL BURNED: 0 BBLS).
~ CONDENSATE: DAILY EXPORTED: 0 BBLS (TTL: 0 BBLS); TOTAL EXPORTED: 0 BBL (TTL BURNED: 0 BBLS).
~ H2S = 0 PPM, CO2= 0%
~ PRODUCTION LINE: (NOT READY) - F/L BINDED & MATHBALLED.
~ CORROSION INHIBITOR: DAILY PUMPED: 0 GAL (NO EXPORTING / NO F/L)
~ FLARING REASON: F/L NOT AVAILABLE

HOLE CLEANING:
~ DAILY FORMATION DEBRIS: 30 KG (TTL: 82 KG)
~ AV IN OH: 324 FPM, CTR: 0.912 / AV IN 4-1/2": 250 FPM, CTR: 0.885

LATERAL INFO:
~ L-0-1: (KB, 91.71 DEG AZM, FROM 12,693 FT MD) = 1,735 FT
~ L-0-1-1: (KB, 92.53 1 DEG AZM, FROM 13,140 FT MD) = 1 FT

LIMITED MORNING REPORT

UTMN-1881 WORKOVER-2 BI-60

01/15/2026 - 02/16/2026

BHA:
~ BHA#1 (C/O,BUS,LATERAL1): HTC BIT #7919657 W/DP3 1.5 AKO.

N2 :
N2 ON LOCATION =30,500 GAL, DAILY N2 USAGE =0 GAL, RECEIVED = 0 GAL, CUMULATIVE N2 USAGE =49,700 GAL / (N2 FOR PT = 4300 GAL, PURGE = 0 GAL)

SERVICE SUPPORT FOR JANUARY 2026:
~ 3000368558 & 3000368559 (TUWAIRESH) - VACUUM TRUCKS: 8
~ 3000381101 (TAMIMI) - VACUUM TRUCKS: 4
SERVICE SUPPORT FOR FEBRUARY 2026:
~ 3000379128 & 3000379129 & 3000381740 (TUWAIRESH) - VACUUM TRUCKS: 12

SAFETY:
~ INFORMED SECURITY & NEAR BY RIGS ON 1/20/2026 FOR FLARING AND UNDER-BALANCE OPERATIONS

PERSONNEL:
~ ARAMCO MATERIAL EXPEDITER ALOBAID, AHMED #8509383 ON LOCATION 01/19/2026

NEXT WELLS:
~ UTMN-3098: PRE-WORKOVER MEETING NOT YET, WORK PROGRESS: 70%, TCA & CCA= 0 PSI, PRODUCTION LINE STATUS: AVAILABLE WAIT FOR CONFIRMATION.
~ UTMN-3129: PRE-WORKOVER MEETING HELD ON 1/25/2026, WORK PROGRESS: 0%, TCA & CCA= 0 PSI, F/L NOT AVAILABLE.
~ UTMN-3246: PRE-WORKOVER MEETING HELD ON 1/25/2026, WORK PROGRESS: 0%, TCA & CCA= 0 PSI, F/L IS UNDER CONSTRUCTION.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
180	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	N/A	N/A	0	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	N/A	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
180	N/AHTHP	100	N/A	0	N/A /	WATER	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	N/A	N/A	0	/	N/A	N/A	N/A

MUD TREATMENT

CAUST	DUOVIS-NS	RADIAGREEN
5 (50LBP)	2 (25KG)	17 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
20RR	13,140	13,141	DP Av	DC Av	Bit HHP	N/A	N/A	M243	3.625	HTC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
7919657	P205Y	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
10	Coil Tubing	SCT	2.375	1	2.375	2.05	18,616	18,694.58	2 3/8 PAC	2 3/8 PAC	0	407.981			PT-41223
9	HUK (Head-up Kit)	SDM	3.125	1	3.125	1.3	2.02	78.58	DC	ACME	0	407.981			SLB
8	Drilling Head	SCT	3.125	1	3.125	1.3	7.73	76.56	ACME	ACME	2.5	407.981			SLB
7	Dual Ball Valve Sub	SDM	3.125	1	3.125	1	4	68.83	2 3/8 ACME	2 3/8 ACME	0.5	388.656			SLB
6	Orienter	SDM	3.125	1	3.125	1	16.5	64.83	ACME	ACME	2.2	386.656			SLB
5	Measurement While Drilling (MWD)	SDM	3.125	1	3.125		17.92	48.33			18.86	350.356			SLB
4	Float Sub	SDM	3.125	1	3.125	1	1.38	30.41	ACME	REG	0.5	12.385			SLB
3	Drilling Cycle Disconnector	SDM	3.125	1	3.125	1.75	3.95	29.03	2 3/8 REG	REG	0.5	11.695			SLB
2	Turbine	NEY	3.125	1	3.125	2.12	24.3	25.08	2 3/8 REG	2 3/8 PAC	0.4	9.72			SLB
1	Bit	HTC	3.625	1	3.625		0.78	0.78				0			7919657

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	NORMAL	NA	COLD	1,004	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	RUE	RIG	ARN	ARM	OTH	ARM	Total
									96

LIMITED MORNING REPORT

UTMN-1881 WORKOVER-2 BI-60

01/15/2026 - 02/16/2026

	Category	CTRG	RIG	H2S	OTHR	OTHR	OTHR	VAC	WSC
	No. of Persons	25	39	6	8	2	1	12	3
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
	Operating Hours.	0	24	24	24	24	12	12	24

TRUCKS/BOATS	Standby/Tankers
	ARAMCO TRUCK

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	2000	450	400	N/A	N/A	N/A

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2518 WORKOVER-1 BI-60

01/21/2026 - 02/21/2026

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SCTD-6 @ HRDH-2518 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SCTD-6	(71-25058-2518)	(DRILLING THREE LATERALS ACROSS KHUFF-C)	GHAMDI, BAKR ABDULRAHIM / AITHAN, ABDULLAH IBRAHIM ALSHUAIBI, ABDULLAH ABDULAZIZ ALI, ALI MOHAMMAD
Well: HRDH-2518	Wellbores: (0-1) HRDH_2518_1		
Wellbores: (0-1) HRDH_2518_1			

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 4152	013-577-43 28	013-577-43 29

Last 24 hr operations	Next 24 hr plan
MOTOR DRILL BUS. POH, RIH LATERAL BHA#2, TURBINE DRILL L 0-1.	TURBINE DRILL KC04/05 L 0-1 AS PER GOC.

Location	Next Location
HRDH-2518, 222 KMS FROM DMG	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,540	9 5/8	9835		4 1/2	9,957	12,406	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12415	1.9 (01/26/2026@0500)	100	125	222	222

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1130	6.5	0-1	3 5/8	N	DRLG	DMS	MMOT	SDM	12415	12520			MOTOR DRILL L 0-1 BUS AS PER PLAN. ~ PUMP @ 84 GPM, RPM @ 285 RPM, CP @ 2,700 PSI, WOB @ 2.0 KLB, RG AT 0.15 %. ~ BHP @ 5,220 PSI, DIFF PRESSURE @ 480 PSI, WHP @ 22 PSI, TCA @ 0 PSI, BHT @ 272 DEG F. ~ GR @ 0.0 MMSCFD, H2S @ 0 PPM, CO2@ 0% * INSPECT JUNK CATCHER- RECOVERED 22 KG OF FORMATION CUTTING.
1130 - 1330	2	0-1	3 5/8	N	DRLG	RW	BIT	RIG	12520	12520	12520	12400	REAM BUS IN MULTIPLE TF. (52 KLBS UP / 41 KLBS DN)
1330 - 1830	5	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	12520	12520	12520	160	POH WITH BUS BHA#1 TO SURFACE. ~ INSPECT JUNK CATCHER; 6 KG MIXTURE OF FORMATION CUTTINGS AND CEMENT.
1830 - 1900	0.5	0-1	3 5/8	N	DRLG	HT	BHA	RIG	12520	12520			POH & X-TAG , TAG STRIPPER (18.5 FT). SIWHP= 0 PSI.
1900 - 2000	1	0-1	3 5/8	N	DRLG	HT	BHA	RIG	12520	12520			HPJSM, UNDEPLOY BUS BHA#1 APP: ~ SIWHP @ 0 PSI. ~ INSPECT 20 FT COIL. MIN THICKNESS: 0.2". ~ INSPECT & CHANGE STRIPPERS. ~ BIT GRADING: 1-2-WT-A-X-1-RR-BHA.
2000 - 2100	1	0-1	3 5/8	N	DRLG	HT	BHA	RIG	12520	12520			HPJSM, M/U & DEPLOY BHA #2: RR SECURITY BIT (SN: 14288935) WITH 1.25 AKO DP2 TURBINE BOX DRLG ASSY APP, SIWHP = 0 PSI. ~ D&M PERFORMED CONTINUITY AND INSULATION TEST- OK. ~ D&M TEST TOOLS IN RISER - OK.
2100 - 0200	5	0-1	3 5/8	N	DRLG	TI	CTBG	RIG	12520	12520	0	12520	HPJSM, RESET DEPTH & RIH W/ BHA #2: ~ PACK COIL WITH 10 GPM. ~ PUMP COIL TREATMENTS CORROSION INHIBITOR INTERNAL CORTRON RN-477 (1:5 INHIBITOR:DIESEL). ~ WEIGHT AND TOOL CHECK EVERY 3,000 FT. ~ RE-LOG FROM 12,100 FT TO 12,150 FT. CORRECTION: +39 FT. ~ AT 12,495 FT MD: ANNULAR PACK OFF APRS BY 430 PSI, PU 30 FT TO RESET PARAMETERS. WHILE RUNNING BACK AT 12,472 FT MD ANNULAR PACK OFF APRS BY 500 PSI, TURBINE STALL ~ PU SLOWLY WHILE CHANGE T/F AND OBSERVED MULTIPLE ANNULAR PACK OFF UNTIL 12,430 FT MD. PU TO 12,370 FT MD. ~ RIH , AT 12,500 FT MD, ANNULAR PACK OFF AT APRS BY 470 PSI AND IPRS BY 400 PSI ~ INCREASE PR= 2.3 BPM. PU ABOVE THE SHOE AT 12,370 FT MD AND RUN BACK TO BOTTOM AND TRY WITH 2.3 BPM, TAG BOTTOM.
0200 - 0459	3	0-1	3 5/8	N	DRLG	DMS	TBINE	SDM	12520	12540			TURBINE DRILL L-0-1 KC4/5 AS PER GOC. ~ PUMP @ 84 GPM, RPM @ 2415 RPM, CP @ 4,480 PSI, WOB @ 0.5-1.0 KLB, RG AT 0.15 %. ~ BHP @ 5,340 PSI, DIFF PRESSURE @ 1,940 PSI, WHP @ 70 PSI, TCA @ 0 PSI, DTF @ 284 DEG F. ~ GR @ 0.0 MMSCFD, H2S @ 0 PPM, CO2@ 0% ** 03:00 HRS: UBD INSPECT JUNK CATCHER - COLLECTED 28 KG OF FORMATION CUTTINGS AND CEMENT. ** 03:45 HRS: UBD INSPECT JUNK CATCHER - COLLECTED 23 KG OF COARSE FORMATION

LIMITED MORNING REPORT

HRDH-2518 WORKOVER-1 BI-60

01/21/2026 - 02/21/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													** 04:15 HRS: UBD INSPECT JUNK CATCHER - COLLECTED 36 KG OF COARSE FORMATION.

Workover Objectives

Foreman Remarks

~ SGA #1: 0.9 KM NE.
~ SGA #2: 0.9 KM SW.

~ ELEVATIONS: ODF SP-58: 41 FT, SCTD-6 DF: 94.2 FT, CORRECTION: -53.2 FT.

COIL STRING # PT-41178 (TENARIS 0.204" HT-110 MONOBORE).
~ COIL LENGTH: 18917 FT, E-LINE LENGTH: 19318 FT, SLACK 2.12%, VOL: 67 BBLS. HIGHEST FATIGUE PT: 9.16 % AT 12,555 FT.
~ TTL DRILLED FOOTAGE: 9371 FT ; DAILY RUN FOOTAGE: 14,346 FT; ACCUM RUNNING FOOTAGE: 151,157 FT.
~ TRIPS F/ LAST SLACK MGT: 7.
~ CT REEL SWAP COMPLETED ON 12/24/2025.

GENERAL WELL INFO:
~ GAS: DAILY FLARED: 0 MMSCF (TTL: 0 MMSCF); TOTAL FLARED: 0 MMSCF (TTL: 0 MMSCF)..
~ GAS: DAILY EXPORTED: 0 MMSCF (TTL: 0 MMSCF); TOTAL EXPORTED: 0 MMSCF (TTL: 0 MMSCF)..
~ CONDENSATE: DAILY PRODUCED: 0 BBLS (TTL: 0 BBLS); DAILY BURNED: 0 BBLS (TTL: 0 BBLS); TOTAL BURNED: 0 BBL (TTL BURNED: 0 BBLS).
~ CONDENSATE: DAILY EXPORTED: 0 BBLS (TTL: 0 BBLS); TOTAL EXPORTED: 0 BBL (TTL BURNED: 0 BBLS).
~ PRODUCTION LINE: READY.
~ REASON FOR FLARING: NO GAS PRODUCED.
~ PRODUCTION LINE PRESSURE: 820 PSI.
~ GAS COMPRESION UNDER REVALIDATION: EXPECTED TO BE READY 10 FEB 2026.
~ CORROSION INHIBITOR: DAILY PUMPED: 0 GAL (NO EXPORTING). / TYPE: CRW-9133SA; DOSE: (0.38 GALLON/MMSCFD).
~ 4.5 TUBULAR ANNULAR VELOCITY: 233 FT/MIN (CTR: 0.98); OPEN HOLE VELOCITY: 302 FT/MIN (CTR: 0.98).

~ N2 ON SITE: 28,000 GAL; DAILY USED: 00 GAL; TTL TO DATE: 00 GAL (4,500 GAL FOR P/T, CALB & PURGE).

BHA:
~ BHA#1: RR SEC BIT (SN: 14288935) WITH 1.53 BH MOTOR
- GR @ 30.16 FT, D+I @ 25.25 FT.
~ BHA#2: RR SEC BIT (SN: 14288935) WITH 1.25 AKO TRBN
- GR @ 42.56 FT, D+I @ 38.65 FT.

LATERAL INFO:
- L-0-1 KC03/04 AZI 292DEG (FROM 12,409 FT MD)= 131 FT

SERVICE SUPPORT : EQUIPMENT/PERSONNEL DRSS# 3000371452: 3000371453 (JAN 2026)
~ VACUUM TRUCKS (HRDH-2539) : 8 TRUCKS - DAILY LOADS HAULED: 16. TOTAL: 456 LOADS HAULED.
SERVICE SUPPORT : EQUIPMENT/PERSONNEL DRSS# 3000380543: 3000380544 (FEB 2026)

DRILLS: 1X H2S DRIL

NEXT LOCATIONS:
- HRDH-2542 (W5): PWM ON (N/A). LAST VISIT (01/10/2026), NO STRIP OUT WORK NEEDED, CIVIL WORK ; 95%. TCA= NA PSI & CCA= 0 PSI. PRODUCTION LINE AVAILABLE (MCC & PT CHART NOT PROVIDED, CHECK VALVE INSTALLED)- F/L NEED REVALIDATION.
- HRDH-2540 (W5): PWM ON (N/A). LAST VISIT (01/10/2026), NO STRIP OUT WORK NEEDED, CIVIL WORK ; 30%. TCA= NA PSI & CCA= 0 PSI. PRODUCTION LINE AVAILABLE (MCC & PT CHART NOT PROVIDED, CHECK VALVE INSTALLED).

~ FLARING NOTIFICATION LETTER SENT TO NEARBY FACILITIES, SA 911 & DWO ECC ON 01/24/2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	11	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
70	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	11	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
70	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	0	0	0 / 0	0	0	0

MUD TREATMENT

C-RN477	CAUST	S-BSOLV	RADIAGREEN
1 (55GL)	5 (50LBP)	4 (55GL)	1 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
11RR	12,409	12,520	DP Av	DC Av	Bit HHP	N/A	N/A	M444	3.625	SEC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**

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HRDH-2518 WORKOVER-1 BI-60

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N/A	N/A	N/A	1	2	WT	A	X	Serial Numl 14288935	Type MMD53DH2	Jets 5 x 12 /
								Gauge 1	Other	POOH Reas
TFA 0.552										

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
11RR	12,520	12,540	DP Av	DC Av	Bit HHP	N/A	N/A	M444	3.625	SEC
Pressure	GPM	Jet Vel	N/A	N/A	N/A	I-Row	O-Row	DC	Location	Bearings
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	Type	Jets	TFA							
14288935	MMD53DH2	POOH Reas	N/A							
Gauge	Other									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						
	5						

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
10	Coil Tubing	SCT	2.375	1	2.375	1.94	19,283	19,360.57	ACME	ACME	0	337.971			41300
9	HUK (Head-up Kit)	SDM	3.125	1	3.125	1.3	1.52	77.57	ACME	ACME	0	337.971			SN058
8	Drilling Head	SCT	3.125	1	3.125	1.3	7.73	76.05	ACME	ACME	0	337.971			SN055
7	Dual Ball Valve Sub	SDM	3.125	1	3.125	1	4	68.32	ACME	ACME	0	337.971			CRE1013
6	Orienter	SDM	3.125	1	3.125	1	16.49	64.32	ACME	ACME	0	337.971			SN057
5	Measurement While Drilling (MWD)	SDM	3.125	1	3.125	2.25	17.92	47.83	ACME	2 3/8 REG	18.86	337.971			CRE1008
4	Float Sub	SDM	3.125	1	3.125	1	1.38	29.91	2 3/8 REG	2 3/8 REG	0	0			SN067
3	Drilling Cycle Disconnector	SDM	3.125	1	3.125	1.75	3.94	28.53	2 3/8 REG	REG	0	0			SN020
2	Turbine	NTH	2.875	1	2.875	1.75	23.84	24.59	2-3/8" REG	2-3/8" PAC	0	0			58222K/58226K
1	Bit	SEC		1	3.625	1	0.75	0.75	2-3/8" PAC			0			14288935

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	N/A	N/A	N/A	N/A	1,033	N/A

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SCT	SDM	RUE	RIG	STO	OTH	ARM
Category	CTRG	COIL	DPDS	H2S	OTHR	UBD	VAC	WSC
No. of Persons	29	16	4	6	13	17	8	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	0	24

Total
95

TRUCKS/BOATS

Standby/Tankers
B965

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	440	340	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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SDGM-1261 WORKOVER-1 BI-60

01/21/2026 - 02/23/2026

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SCTD-7 @ SDGM-1261 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SCTD-7
Well: SDGM-1261
Wellbores: (0) SDGM_1261_0

Charge #: (71-25054-1261)
Wellbores: (0) SDGM_1261_0

Objective : (DRILLING THREE LATERALS ACROSS KHFB RESERVOIR)

Foreman(s): GUMSANI, ABDULLAH MUSTAFA / HARTHI, HANI MASAAD
Engineer: ALDOSSARY, MOHAMMAD SAFAR
Manager: ALI, ALI MOHAMMAD

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677713 974	577-4765	577-4763

Last 24 hr operations: N2 TEST UBCTD EQUIPMENT.

Next 24 hr plan: RIG ACCEPTANCE, RIH BHA#1, C/O CMT, TURBINE DRILL BUS

Location: 103 KM TO DHAHRAN MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,980	9 5/8	7464	7464	4 1/2	10,300	13,012	12,444

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12980	0 (@)	100	0	103	103

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 2000	15	0	PRE	N	RM	RU	NA	RIG	13012	13012			HPJSM,N2 TEST BOP EQUIPMENT (APP). REPAIR LEAKS AS REQUIRED - 10K EQUIPMENT: 300/7,500 PSI - ANNULAR : 300/7000 PSI - COLD FLARE LINE: 300/1200 PSI - FLOW PACKAGE (LOW/HIGH TO RATED PRESSURE)
2000 - 2200	2	0	PRE	N	RM	RU	NA	RIG	13012	13012			PERFORM GAS LINE MASS FLOW METER FACTOR WITH N2 ON LS & HS SEPARATORS WITH 500 SCFM, 700 SCFM AND 900 SCFM.
2200 - 0200	4	0	PRE	N	RM	RU	NA	RIG	13012	13012			HPJSM: UBD PERFORM EQUIPMENT FUNCTION TEST - PERFORM ESD FUNCTION TEST - PERFORM CHOKES INSPECTION - TEST HI-LO PILOT - UBD FUNCTION TEST SCAVENGER & CAUSTIC INJECTION PUMPS - UBD FUNCTION TEST SKIM TANK PUMPS - FUNCTION TEST FLARE STACK, COLD FLARE LINE & BURNER IGNITION SYSTEM - DRESS JUNK CATCHERS WITH 4 MM & 6 MM SCREEN - CTD FUNCTION TEST INJECTION CORROSION INHIBITOR PUMPS - NB: UBD CONT R/U PRODUCTION / EXPORT LINE
0200 - 0459	3	0	PRE	N	RM	OTH	NA	RIG	13012	13012			PJSM - UBD RESUME HYDRO PRESSURE TEST PRODUCTION / EXPORT LINE/ FLUSH LINES AND CYCLE VALVES, LOW 300 PSI / HIGH 1,500 PSI.

Workover Objectives

Foreman Remarks

RIG MOVE DISTANCE: 19 KM
~ RIG SINCE DATE OF RELEASE: 7.21 DAY.
~ RIG DOWN @ 100%, MOVED @ 100%, RIG UP @ 100%.
-

~ SGA #1: 1.2 KM NE
~ SGA #2: 1.2 KM NW
-

COIL STRING # PT-41409 (TENARIS 0.193" HT-110 MONOBORE)
- COIL LENGTH: 19,104 FT, E-LINE LENGTH: 19,413 FT, SLACK: 1.6%, VOL: 67.7 BBLS
- TTL DRILLED FOOTAGE: 825 FT, DAILY RUNNING FOOTAGE: 0 FT, ACCUM RUNNING FTG: 41,881 FT. HIGHEST FATIGUE: 4.19% @ 13,229 FT
- RUNS SINCE LAST SLACK MANAGEMENT: 1
-

GENERAL WELL INFO:
~ GAS FLARED: 0 MMSCF (TTL: 0 MMSCF).
~ GAS EXPORTED: 0.0 MMSCF (TTL: 0 MMSCF).
~ CONDI PRODUCED: 0 BBLS (TTL: 0 BBLS)
~ CONDI BURNED: 0 BBLS (TTL: 0 BBS).
~ CONDI EXPORTED: 0 BBLS (TTL: 0 BBLS).

** PRODUCTION LINE: AVAILABLE, WAITING FOR STRIP OUT, MCC & PT.
~ FLARING REASON:
~ CRW9133SA CORROSION INHIBITOR: DAILY PUMPED: 0 GAL.
-

N2 ON LOCATION = 19,900 GAL, DAILY N2 USAGE =4,900 GAL, RECEIVED =0 GAL, CUM N2 USAGE DH = 0 GAL / (N2 PT = 4,900 GAL, PURGE = 0 GAL)
-

NEXT LOCATION :
- SDGM-442:PRE-WORKOVER MEETING COMPLETED. CIVIL WORK 0%, STRIP OUT COMPLETED. PRODUCTION LINE STATUS: IN PLACE. LAST VISIT: 1/9/2026
-

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LIMITED MORNING REPORT

SDGM-1261 WORKOVER-1 BI-60

01/21/2026 - 02/23/2026

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SERVICE SUPPORT: EQUIPMENT/PERSONNEL: (DRSS# 3000365323 / 3000365324 / 3000365321) (3000370123/30003770122/3000372255):
- VACUUM TRUCKS: 16, DAILY LOADS HAULED: 16 LOAD, TTL: 559 LOADS.
-

- MOHAMMED AL-DARWISH # 8510588, MATERIAL EXPEDIATOR ON LOCATION SINCE 01/19/2026.
- HADI SAWIDAN #817146 ARAMCO PDP IS ON LOCATION SINCE 01/26/2026.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	13,012	65	94	0	12,444	-54.03	432.92	1,431.36	0.79

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/28/2026	N/A	SEASONAL	N/A	SEASONAL	960	YES

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SCT	SDM	RUE	STO	RIG	ARM	STO	ARM
Category	CTRG	COIL	DPDS	H2S	IOS	OTHR	OTHR	UBD	WSC
No. of Persons	28	17	4	6	2	28	1	16	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	0	0	0	0	0	24

Total
103

TRUCKS/BOATS

Standby/Tankers
e848

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	365	487	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

HRDH-2475 WORKOVER-1 BI-60

01/11/2026 - 02/12/2026

SCTD-8 @ HRDH-2475 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SCTD-8
Well: HRDH-2475
Wellbores: (0-1) HRDH_2475_1

Charge #: (71-25058-2475)
Wellbores: (0-1) HRDH_2475_1

Objective : (DRLG 4 UBCTD LATERALS ACROSS KHFB RESERVOIR)

Foreman(s) TURAIFI, MOHAMMED AHMED / BAKHOUYA, ABDERRAHMANE
Engineer RASHDI, HASSAN ALI
Manager OTAIBI, MUKHLED FARAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+822167771 4200	013-572-42 59	013-572-42 52

Last 24 hr operations
DEPLOY & RIH MOTOR BHA#4, WASH AND REAM, POH FOR NEW MOTOR.

Next 24 hr plan
CONT. POH & UNDEPLOY BHA#4, DEPOLY & RUN NEW MOTOR ASSEMBLY BHA#5, 2-PHASE MOTOR DRLG LATERAL L-0-1 (KHFB) AS PER GOC.

Location: 5 KM SOUTH OF HRDH CITY
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,675	9 5/8	9544	9544	7	9,252	11,370	11,160

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12675	10.1 (01/18/2026@0200)	100	0	270	270

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0630	1.5	0-1	3 5/8	N	DRLG	HT	BHA	SDM	12675	12675			BHA	965559	(LT: D&M) HPJSM, CONTINUE UNDEPLOY BHA #3 APP & FLUSH STACK WITH 20 BBLS CAUSTIC WATER. ~ SIWHP @ 0 PSI. ~ LAY DOWN BHA #3, PICK UP BHA #4. ~ LOWER COIL TO GROUND & INSPECT 20 FT COIL. MIN THICKNESS: 0.188"(WITHIN SPECS). ~ CHANGED STRIPPER RUBBERS, INSPECT M-SEALS & INJECTOR DRIVE CHAINS. ~ D&M CHECK HEAD & TEST TO BHA, OK.
0630 - 0830	2	0-1	3 5/8	N	DRLG	HT	BHA	SDM	12675	12675			BHA	965559	(LT: D&M) HPJSM, DEPLOY BHA #4 W/ RR SMITH PDC (#SA01383) + 1.15 DEG AKO MOTOR APP. ~ WHP = 0 PSI.
0830 - 1500	6.5	0-1	3 5/8	N	DRLG	TI	CTBG	RIG	12675	12675	0	11609	BHA	965559	(LT: D&M) RESET DEPTH AND RIH WITH BHA#4. ~ OPEN WELL AT 5000 FT ~ PUMP INTERNAL /EXTERNAL INHIBITOR APP. ~ PACK COIL W/ 20 GPM AND 500 SCFM ~ GR RELOG F/ 11,100 FT TO 11,200 FT. CORRECTION: +39 FT ~ WT CHECK AT 11,550'; 55 UP/ 49 DN
1500 - 2000	5	0-1	3 5/8	N	DRLG	RW	BIT	RIG	12675	12675	11609	12178	BHA	965559	(LT: D&M) SMOOTHLY PASS SHOE AND PRECAUTIONARY REAM IN OPEN HOLE TO 12,178 FT. ~ AT 12,178FT, ENCOUNTERED TIGHT SPOT AT 12,178 FT WITH MOTOR STALLED AND REGAIN VIBS W/ 3 KLBS OP, WORK ON TIGHT SPOT AND PASS FREELY. ~ CONTINUE REAM DOWN W/WORK ON TIGHT SPOTS AT CONTROLLED PARAMETERS.
2000 - 0430	8.5	0-1	3 5/8	N	DRLG	RW	BIT	RIG	12675	12675	12178	12420			WASH AND REAM DOWN TO 12,420 FT. ~ HAD MULITPLE MOTOR STALLS F/ 12,178 FT TO 12,220 FT. ~ WASH AND REAM DOWN AT DIFFERENT SPEED AND PASS THROUGH SIDETRACK AREA ~ REAM SIDETRACK AREA AT DIFFERENT TOOLFACES SEVERAL TIME UNTIL NO MOTOR WORK IS OBSERVED. ~ CONTINUE REAM DOWN TO BOTTOM AND REAM TIGHT SPOTS UNTIL NO MOTOR WORK IS OBSERVED. ~ PERFORM JUNK CATCHER INSPECTION : CLEAN. ** DISCUSSED OPT WITH TOWN. DECISION TO POOH FOR NEW MOTOR.
0430 - 0459	0.5	0-1	3 5/8	N	DRLG	TO	CTBG	RIG	12675	12675	12420	11700	BHA	965559	(LT: D&M) HPJSM, POH WITH BHA#4 FOR NEW MOTOR..

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 2200	15.5	22.5	965559		BHA	FOT	MWD	SDM	12675	D&M LOST COMMUNCATION WITH APRS TOOLS.

Workover Objectives

Foreman Remarks

~ SGA #1: 0.75 KM NW FROM LOCATION

LIMITED MORNING REPORT

HRDH-2475 WORKOVER-1 BI-60

01/11/2026 - 02/12/2026

~ SGA #2: 0.74 KM NE FROM LOCATION
==========
~ RIG ELEVATION: SND-2020 @ 37 FT, SCTD-8 @ 94.23 FT. CORRECTION: -57.23 FT
==========
COIL STRING # 41407 (TENARIS 0.204" HT-110 MONOBORE):
~ COIL LENGTH: 18912 FT, E-LINE LENGTH: 19362 FT, SLACK: 2.38%, VOL: 67.1 BBLS
~ TTL DRILLED FOOTAGE: 1335 FT, DAILY RUN FOOTAGE: 13,613 FT, ACCUM RUNNING FOOTAGE: 67,076 FT, HIGHEST FATIGUE: 7.4 % @ 12,337 FT
~ TOTAL RUNS SINCE LAST SLACK MANAGEMENT: 4
~ CT REEL SWAP COMPLETED ON 1/12/2026
==========
WELL INFO:
~ GAS: DAILY FLARED: 0 MMSCF (TTL: 0 MMSCF); TOTAL FLARED: 0 MMSCF (TTL: 0 MMSCF)..
~ GAS: DAILY EXPORTED: 0 MMSCF (TTL: 0 MMSCF); TOTAL EXPORTED: 0 MMSCF (TTL: 0 MMSCF)..
~ CONDENSATE: DAILY PRODUCED: 0 BBLS (TTL: 0 BBLS); DAILY BURNED: 0 BBLS (TTL: 0 BBLS); TOTAL BURNED: 0 BBL (TTL BURNED: 0 BBLS).
~ CONDENSATE: DAILY EXPORTED: 0 BBLS (TTL: 0 BBLS); TOTAL EXPORTED: 0 BBL (TTL BURNED: 0 BBLS).
~ 4.5 TUBULAR ANNULAR VELOCITY = 242 FT/MIN (CTR = 0.98); OPEN HOLE VELOCITY = 331 FT/MIN MINIMUM ANNULAR VELOCITY (CTR = 0.97)
==========
PRODUCTION LINE INFO:
~ PRODUCTION LINE: READY, MCC PROVIDED, PT REPORT PROVIDED (CONNECTED)
~ REASON FOR FLARING: NA
~ CORROSION INHIBITOR: DAILY PUMPED: 0 GAL (NO EXPORTING / NO F/L)
==========
LATERAL INFO:
~ L-0 (KHFB-1) @DEG 260 AZM : 830 FT
~ L-0-1 (KHFB-1) @DEG 270 AZM : 505 FT
==========
BHA INFO:
~ BHA#3: LATERAL - DRILLING (MOTOR): RR SEC PDC BIT(SN:14459842) AND XTH MOTOR 1.15 AKO (SN: 1633611)
D+I @ 25.59 FT, GR @ 29.47 FT
~ BHA#4: LATERAL - DRILLING (MOTOR): RR SMTH PDC BIT(SN: SA01383) AND XTH MOTOR 1.15 AKO (SN: 6363419)
D+I @ 25.59 FT, GR @ 29.47 FT
==========
N2 ON LOCATION: 37,000 GAL, DAILY N2 USAGE: 1,600 GAL, RECEIVED: 14,000 GAL,CUMULATIVE N2 USAGE: 50,100 GAL (N2 USED FOR PT & PURGE: 6,000 GAL)
==========
SERVICE SUPPORT FOR JAN 2026:
~ DRSS#3000371536; (4221 LJA/1112 EJA/4226 LJA/3307 HRA) ; DRSS#3000371534 (5958 EXA/9373 NSA/8194 LSA/8934 SJA)
~ VACUUM TRUCKS: 8 TRUCKS, DAILY LOADS HAULED: 16 LOADS TOTAL: 405 LOADS HAULED (HRDH-2578/HRDH-2475)
==========
SAFETY:
~ DRILLS: 1X H2S MUSTER DRILL
~ INFORM ARAMCO SECURITY OF FLARING ACTIVITY AT : 1/16/2026
==========
~ HRDH-2800: PWM @ NA, LAST VISIT: 1/26/2025, CIVIL WORK @ 100%, LOCATION DO NOT NEED STRIP OUT. PRODUCTION LINE AVAILABLE. MCC AND PT CHART NOT AVAILABLE.
~ HRDH-2476 : PWM @ NA, LAST VISIT: 1/28/2025, CIVIL WORK @ 85%, LOCATION DO NOT NEED STRIP OUT. PRODUCTION LINE AVAILABLE. MCC AND PT CHART NOT AVAILABLE.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	10.5	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
180	N/AHTHP	100	N/A	0	N/A /	WTRGEL	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	N/A	N/A	0	/	N/A	N/A	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	N/A	N/AAPI	0	Volts	0	10.5	N/A
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
180	N/AHTHP	100	N/A	0	N/A /	WTRGEL	N/A
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	N/A	N/A	0	/	N/A	N/A	N/A

MUD TREATMENT

DUOVIS-NS	CAUST	RADIAGREEN
1 (25KG)	3 (50LBP)	4 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
11RR	12,675	12,675	DP Av	DC Av	Bit HHP	3	341	M143	3.625	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA01383	MDSI509V4MC	POOH Reas	N/A							
Gauge	**Other**									
N/A										

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
9RR	12,170	12,675	DP Av	DC Av	Bit HHP	3	341	M444	3.625	SEC
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,238	63	N/A				1	3	WT	G	X
Serial Numi	**Type**	**Jets**	**TFA**							

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LIMITED MORNING REPORT

HRDH-2475 WORKOVER-1 BI-60

01/11/2026 - 02/12/2026

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	14459842	MMD53DH2	POOH Reas	N/A
	Gauge	Other		
	2			

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	59	49	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	72	N/A	59	49	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
10	Coil Tubing	RIG	2.375	1	2.375	2.05	18,912	18,977.37	2 3/8 PAC	2 3/8 PAC	0	342.215			41407
9	HUK (Head-up Kit)	SDM	2.875	1	2.875	1	2.02	65.37	ACME	ACME	1	342.215			SN028
8	Drilling Head	SDM	3.125	1	3.125	1.3	7.73	63.35	ACME	ACME	0	340.195			SN024
7	Dual Ball Valve Sub	SDM	3.125	1	3.125	1	4	55.62	2 3/8 ACME	2 3/8 ACME	0	340.195			CRE1022
6	Orienter	SDM	3.125	1	3.125	1	16.5	51.62	ACME	ACME	0	340.195			SN067
5	Measurement While Drilling (MWD)	SDM	3.125	1	3.125		17.92	35.12			18.86	340.195			SN035
4	Float Sub	SDM	3.125	1	3.125	1	1.38	17.2	2 3/8 REG	2 3/8 REG	0	2.224			SN040
3	Drilling Cycle Disconnector	SDM	3.125	1	3.125	1	3.95	15.82	2 3/8 REG	2 3/8 REG	0	2.224			CRE1004
2	Mud Motor	SDM	3.125	1	3.125		11.12	11.87			0.2	2.224			6363419
1	Bit	SMT	3.625	1	3.625	1	0.75	0.75	REG		0	0			SA01383

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	NORMAL	NA	SEASONAL	614	2X PRE-TOUR MEETING + PJSM.

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SCT	SDM	RUE	STO	RIG	ARM	STO	OTH	ARM
Category	CTRG	COIL	DPDS	H2S	IOS	OTHR	OTHR	UBD	VAC	WSC
No. of Persons	29	19	4	6	2	10	2	17	8	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	10	24

Total
99

TRUCKS/BOATS

Standby/Tankers	Others
b963	rig ambulance

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	364	513	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-3203 WORKOVER-1 BI-60

01/03/2026 - 02/05/2026

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SCTD-9 @ UTMN-3203 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SCTD-9
Well: UTMN-3203
Wellbores: (0-1-2) UTMN_3203_3, (0-1-1) UTMN_3203_2

Charge #: (71-25057-3203)
Wellbores: (0-1-2) UTMN_3203_3, (0-1-1) UTMN_3203_2

Objective : (RE-ENTER THE PRESET WELL UTMN-3203 BY DRILLING THREE LATERALS ACROSS KHUFF-B RESERVOIR)

Foreman(s): MAHMOUD, MOHAMMED ELSABAA / BENSALEM, MAKHLOUF ALJARALLAH, MOHAMMED JARALLAH / ALMAGHTHAWI, ABDULAZIZ SALEM
Engineer
Manager: OTAIBI, MUKHLED FARAH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 4284	0135774614	0135774616

Last 24 hr operations: 2-PHASE MOTOR DRILLING KB L-0-1-1 APP. TD LATERAL L-0-1-1, LONG WIPER, SIDETRACK L-0-1-2 APP.

Next 24 hr plan: SIDETRACK-TIME DRILL, 2-PHASE MOTOR DRILLING KB L-0-1-2 APP.

Location: 153 KM TO DHAHRAN MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,980	9 5/8	10454	10454	4 1/2	10,210	12,662	12,660

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12970	17.4 (01/10/2026@1700)	100	66	153	153

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0800	3	0-1-1	3 5/8	N	DRLG	DMS	MMOT	SDM	14250	14296			2-PHASE MOTOR DRILLING KB01 L-0-1-1 AS PER GOC. ~ PR: 58 GPM, N2: 800 SCFM, ELV: 105 GPM = 372 RPM, CP: 2,015 PSI. ~ WEIGHT CHECKS & SWEEPS AS REQU'D, RG : 0.75%. ~ G/R: 1.9 MMSCFD, WHP: 260 PSI, TCA: 850 PSI, BHP: 2,400 PSI, BHT: 283 DEG F, H2S: 2.2 %, CO2: 1 %. ~ TREAT WITH SCAV-W: 1 DPH & CAUSTIC: 1 BPH. * AT 06:45 HRS GOC INSTRUCTION TO HOLD 91 DEG INCLINATION.
0800 - 1030	2.5	0-1-1	3 5/8	N	DRLG	TO	CTBG	RIG	14296	14296	14296	10800	POH LONG WIPER TO VERTICAL WITH NO ISSUE.
1030 - 1430	4	0-1-1	3 5/8	N	DRLG	TI	CTBG	RIG	14296	14296	10800	14296	RIH TO BTM. ~ RUN GR CORRELATION FROM 12,150 FT TO 12,230 FT (CORRECTION + 22 FT). ~ WHILE RIH OBSERVED WELL IS LOADING UP , ADJUST PUMP RATE AND N2 RATE TILL REVIVE BACK. ~ CONTINUE RIH TOWARDS BTM WITH NO ISSUE. ~ UBD INSPECT JUNK CATCHER : CLEAN.
1430 - 1630	2	0-1-1	3 5/8	N	DRLG	DMS	MMOT	SDM	14296	14306			2-PHASE MOTOR DRILLING KB01 L-0-1-1 AS PER GOC. ~ PR: 58 GPM, N2: 800 SCFM, ELV: 105 GPM = 372 RPM, CP: 2,030 PSI. ~ WEIGHT CHECKS & SWEEPS AS REQU'D, RG : 0.75%. ~ G/R: 1.3 MMSCFD, WHP: 120 PSI, TCA: 630 PSI, BHP: 2,270 PSI, BHT: 284 DEG F, H2S: 1.6 %, CO2: 1 %. ~ TREAT WITH SCAV-W: 1 DPH & CAUSTIC: 1 BPH. * AT 14,306 FT MD - HAD PACK OFF WITH 500 PSI ANNULAR PRESSURE SPIKE AND MOTOR STALL . PU TO RESET PARAMETERS , CAUTIONARY RUN BACK TO BOTTOM & ATTEMPT TO DRILL , HAD PACK OFF WITH 900 PSI ANNULAR PRESSURE SPIKE , PICK UP HEAVY WITH 5 KLBS O/PULL. * TD L-0-1-1 AT 14,306 FT DUE TO HOLE STABILITY ISSUE . * TD L-0-1-1 AT 14,306 FT MD, TVD = 12,166.5 FT , INCLINATION = 87 DEG ; AZIMUTH = 55 DEG.
1630 - 1830	2	0-1-1	3 5/8	N	DRLG	TO	CTBG	RIG	14306	14306	14306	12150	POH TO THE CORRELATION DEPTH. ~ SLOW PASS AT SHOE. ~ PERFORMED JUNK CATCHER INSPECTION - FOUND FEW 1/4" TO 1/2" RUBBLE.
1830 - 2000	1.5	0-1-1	3 5/8	N	DRLG	TI	CTBG	RIG	14306	14306	12150	12970	RIH TO SIDETRACK POINT AT 12,970 FT. ~ CORRELATION FROM 12,150 FT TO 12,300 FT (CORRECTION: +12 FT), CONTINUE RIH. ~ WEIGHT CHECK AT 12,550' (UP/DN 63/55 KLBS) ~ SMOOTH PASS THROUGH SHOE , WASH/REAM TO SIDETACK POINT AT 12,970'.
2000 - 2100	1	0-1-1	3 5/8	N	DRLG	RW	BIT	RIG	14306	14306	12940	12970	CUT TROUGH F/12,970 T/12,940 FT (AS PER D&M). ~ PR: 50 GPM, N2: 1000 SCFM, ELV: 109 GPM, RPM: 386, CP: 2,300 PSI. ~ GAS: 1.3 MMSCFD, WHP: 350 PSI, TCA: 830 PSI, BHP: 2,380 PSI, BHT: 275 DEG, H2S: 1.8%, CO2: 1%.
2100 - 2130	0.5	0-1-1	3 5/8	N	DRLG	OTH	NA	RIG	14306	14306			PARK COIL AT 12,970 FT, D&M SETUP NEW DATA BASE FOR L-0-1-2. ~ INSPECT JUNK CATCHER: CLEAN
2130 - 2130	0	0-1-2	3 5/8	S	OT	TINL	NA	RIG	12970	12970			TIE IN NEW LATERAL L-0-1-2.
2130 - 0459	7.5	0-1-1	3 5/8	N	DRLG	DMS	MMOT	SDM	12970	12980			TIME DRILLING KB L-0-1-2 AS PER D&M. ..... ONGOING AT RT. ~ PR: 50 GPM, N2: 1000 SCFM, ELV: 109 GPM = 386 RPM, CP: 2,190 PSI. ~ WEIGHT CHECKS & SWEEPS AS REQU'D.RG: 0%.

LIMITED MORNING REPORT

UTMN-3203 WORKOVER-1 BI-60

01/03/2026 - 02/05/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													~ G/R: 1.2 MMSCFD, WHP: 390 PSI, TCA: 860 PSI, BHP: 2,400 PSI, BHT: 275 DEG F, H2S: 2 %, CO2: 1%. ~ TREAT WITH: SCAV-W =1 DPH: CAUSTIC 1 BPH.

Workover Objectives

Foreman Remarks

* SGA #1: NE 1.2 KM
* SGA #2: NW 1.2 KM

==========

CT STRING# PT-40995
~ COIL LENGTH= 18,033 FT, E-LINE LENGTH= 18,342 FT, COIL VOLUME= 63.9 BBL, SLACK= 1.71 %, MAX COIL LIFE=19 % @ 12,878 FT
~ CT DRLG FT: 14,895 FT, CT DAILY FOOTAGE: 5,294 FT, CT CUMULATIVE FT: 340,588FT.

==========

* RUNS SINCE LAST SLACK MANAGEMENT: 7

==========

LATERAL FOOTAGE:
~ KHUFF-B01 L-0 @ 109 DEG AZM : 298 FT
~ KHUFF-B01 L-0-1 @ 89 DEG AZM : 1480 FT
~ KHUFF-B01 L-0-1-1 @ 71 DEG AZM : 1056 FT
~ KHUFF-B01 L-0-1-2 @ 66 DEG AZM : 10 FT

==========

BHA #5 : RR HTC BIT (SN: SA01476) & 1.15 ABH, XTH MOTOR (SN: 1468629), 3.54 REV/GAL, DCD 25K.

==========

~ GAS: DAILY FLARED: 1.431 MMSCF; TOTAL FLARED: 14.007 MMSCF (TTL: 14.007 MMSCF)..
~ GAS: DAILY EXPORTED: 0 MMSCF (TTL: 0 MMSCF); TOTAL EXPORTED: 0 MMSCF (TTL: 0 MMSCF)..
~ CONDENSATE: DAILY PRODUCED: 0 BBLS (TTL: 125 BBLS); DAILY BURNED: 0 BBLS; TOTAL BURNED: 119 BBL (TTL BURNED: 119 BBLS).
~ CONDENSATE: DAILY EXPORTED: 0 BBLS (TTL: 0 BBLS); TOTAL EXPORTED: 0 BBL (TTL BURNED: 0 BBLS).

~ EXPORT LINE PRESSURE : NA
~ PRODUCTION LINE: UNAVAILABLE (CTD WILL NOT CONNECT RIG EXPORT LINE).
~ REASON FOR FLARING: AS PER PRODUCING, PRODUCTION LINE IS NOT READY FOR EXPORTING.
~ CORROSION INHIBITOR: DAILY PUMPED: 0 GAL.

==========

* N2 ON LOCATION: 17,800 GALLONS, DAILY N2 USAGE = 13,700 GALLONS, CUMULATIVE N2 USAGE = 135,100 GALLONS.

==========

* DRILLS:

==========

* SENT NOTIFICATION FOR SECURITY AND NEARBY FACILITES FOR UNDEBALANCE DRILLING ON : DEC. 30,2025.

==========

SERVICE SUPPORT : EQUIPMENT/PERSONNEL DRSS# : 3000373121 & 3000368600.
~ VACUUM TRUCKS: TRUCKS: 8, DAILY LOADS HAULED: 8, TTL LOADS HAULED: 100.

==========

NEXT LOCATIONS:

~ UTMN-1839 : LAST VISITED 01/26/2025, CIVIL WORK 95 %.
~ UTMN-2258 : PRE-WORKOVER MEETING: DEC. 04,2025 WITH WELL SITE AND DE.

==========

~ MATERIAL EXPEDIATOR MOHAMMED ALNOWAIS # 8547938 , ON LOCATION SINCE JAN 26, 2026.
~ SAGWD HSE CO-ORDINATOR BERNARD LYNCH #8554238 ON LOCATION.
~ SAGWOD HSE ADVISOR, EHSAN RAZA #8783074 ON LOCATION SINCE JAN 22ND , 2026.
~ SAGWOD FCT, AQEEL ALBAKHEET #780321ON LOCATION SINCE JAN 22ND , 2026.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1-1	13,261	87.07	91.71	-969	12,154	-140.26	505.76	1,721.94	7.97
0-1-1	13,280	88.5	92.15	19	12,155	-140.45	511.54	1,740.41	7.87
0-1-1	13,300	91.08	91.85	20	12,155	-140.66	517.64	1,759.87	12.99
0-1-1	13,330	89.04	88.72	30	12,155	-140.71	526.78	1,788.87	12.45
0-1-1	13,360	87.63	85.22	30	12,156	-140.23	535.9	1,817.41	12.57
0-1-1	13,390	89.58	82.54	30	12,156	-139.25	544.99	1,845.48	11.05
0-1-1	13,420	89.54	80.08	30	12,156	-137.87	554.03	1,873.12	8.2
0-1-1	13,450	89.22	78.64	30	12,157	-136.18	563.02	1,900.43	4.92
0-1-1	13,480	89.82	78.14	30	12,157	-134.34	571.97	1,927.62	2.6
0-1-1	13,510	92.22	76.98	30	12,157	-132.37	580.9	1,954.7	8.89
0-1-1	13,542	91.14	75.84	32	12,156	-130.08	590.38	1,983.39	4.91
0-1-1	13,570	89.97	74.19	28	12,155	-127.88	598.62	2,008.28	7.22
0-1-1	13,600	90.76	70.22	30	12,155	-125.08	607.32	2,034.35	13.49
0-1-1	13,630	89.74	65.9	30	12,155	-121.66	615.8	2,059.41	14.8
0-1-1	13,660	89.86	62.79	30	12,155	-117.71	624.04	2,083.49	10.37
0-1-1	13,690	90.79	60.73	30	12,155	-113.38	632.1	2,106.92	7.53
0-1-1	13,720	92.65	63.63	30	12,154	-109.12	640.18	2,130.63	11.48
0-1-1	13,750	91.43	67.91	30	12,153	-105.37	648.51	2,155.57	14.83
0-1-1	13,780	88.82	71.85	30	12,153	-102.22	657.1	2,181.76	15.75
0-1-1	13,810	88.33	76.28	30	12,154	-99.71	665.88	2,209.02	14.85
0-1-1	13,840	89.51	80.4	30	12,154	-97.87	674.84	2,237.19	14.28
0-1-1	13,870	89.14	85.21	30	12,155	-96.72	683.91	2,266.11	16.08
0-1-1	13,900	88.08	80.73	30	12,155	-95.6	692.98	2,295.08	15.34
0-1-1	13,930	87.58	75.52	30	12,156	-93.72	701.92	2,323.31	17.43
0-1-1	13,960	87.34	69.98	30	12,158	-91.02	710.64	2,350.53	18.47
0-1-1	13,990	88.01	65.29	30	12,159	-87.54	719.08	2,376.61	15.78
0-1-1	14,020	88.99	71.58	30	12,160	-84.18	727.58	2,403	21.21

LIMITED MORNING REPORT

UTMN-3203 WORKOVER-1 BI-60

01/03/2026 - 02/05/2026

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1-1	14,050	88.67	76.06	30	12,160	-81.63	736.36	2,430.67	14.97
0-1-1	14,080	86.59	80.33	30	12,162	-79.76	745.3	2,459.17	15.82
0-1-1	14,111	85.97	84.05	31	12,164	-78.48	754.64	2,489.2	12.14
0-1-1	14,140	86.34	80.15	29	12,166	-77.27	763.37	2,517.3	13.48
0-1-1	14,170	88.18	75.3	30	12,167	-75.33	772.29	2,545.8	17.27
0-1-1	14,200	86.4	69.95	30	12,168	-72.6	781.01	2,573.41	18.77
0-1-1	14,230	86.69	65.11	30	12,170	-69.12	789.44	2,599.93	16.13
0-1-1	14,260	87.08	61.29	30	12,172	-65	797.59	2,625.43	12.78

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	11	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
70	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	11	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
70	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	0	0	0 / 0	0	0	0

MUD TREATMENT

CAUST	DUOVIS-NS	RADIAGREEN	S-SCAV W
4 (50LBP)	2 (25KG)	7 (55GL)	24 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
8RR	14,306	14,316	DP Av	DC Av	Bit HHP	N/A	N/A	M143	3.625	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,250	109	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA01476	MDSI509V4MC	POOH Reas	N/A							
Gauge	**Other**									
N/A										

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
8RR	13,564	14,306	DP Av	DC Av	Bit HHP	2	372	M143	3.625	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,980	105	N/A				1	2	WT	A	X
Serial Numi	**Type**	**Jets**	**TFA**							
SA01476	MDSI509V4MC	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	76.5	N/A	N/A	N/A	N/A	**Shock Sub Serial**	**Shock Sub Hrs**
							0
Mud Motor Seria	**Mud Motor Hrs**						

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	76.5	N/A	67	50	N/A	**Shock Sub Serial**	**Shock Sub Hrs**
							0
Mud Motor Seria	**Mud Motor Hrs**						
	64						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
10	Coil Tubing	RIG	2.375	1	2.375	1.94	19,325	19,390.36	ACME	ACME	0	337.971			40995
9	HUK (Head-up Kit)	SDM	3.125	1	3.125	1.3	2.02	65.36	DC	ACME	0	337.971			SN054
8	Drilling Head	SDM	3.125	1	3.125	1.3	7.73	63.34	ACME	ACME	0	337.971			CRE1012
7	Dual Ball Valve Sub	SDM	3.125	1	3.125	1	4	55.61	ACME	ACME	0	337.971			007
6	Orienter	SDM	3.125	1	3.125	1	16.5	51.61	ACME	ACME	0	337.971			SN050
5	Measurement While Drilling (MWD)	SDM	3.125	1	3.125	0	17.92	35.11	ACME	ACME	18.86	337.971			CRE 1004
4	Float Sub	SDM	3.125	1	3.125	1	1.38	17.19	2 3/8 REG	2 3/8 REG	0	0			SN068
3	Drilling Cycle Disconnector	SDM	3.125	1	3.125	1	3.95	15.81	2 3/8 REG	2 3/8 REG	0	0			CRE1005
2	Mud Motor	SDM	3.125	1	3.125		11.24	11.86			0	0			1468629
1	Bit	SMT	3.625	1	3.625		0.62	0.62				0			SA01476

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting

LIMITED MORNING REPORT

UTMN-3203 WORKOVER-1 BI-60

01/03/2026 - 02/05/2026

	01/23/2026	AS REQUIRED	SEASONAL	N/A	SEASONAL	558	2 X PRE-TOUR+ PJSMS

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SCT	SDM	RIG	RUE	ARM	STO	OTH	ARM
Category	CTRG	COIL	DPDS	RIG	H2S	OTHR	UBD	VAC	WSC
No. of Persons	28	15	4	16	6	5	16	8	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	12	24	10	24

Total
100

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1600	176	686	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

NEW RIG MOBILIZATION BI-MOB

06/05/2023 - 01/30/2026

أرامكو السعودية
saudi aramco

SDH @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective : (MECHANICAL WORKOVER)	Foreman(s) BENMOUSSA, BRAHIM
SDH	()		Engineer MATAR, KHLOOD KHALID
Well	Wellbores:		Manager ZAHRANI, ALI IBRAHIM
MOBILIZATION			
Wellbores:			

RIG FORMAN VSAT	OTHER VSAT	CONTRACTOR /CLERK VSAT
6739972	6739971	6739975

Last 24 hr operations	Next 24 hr plan
MOVE RIG AND FINAL APPROACH TO MRJN-110/115 PLTF. JACKUP RIG . PRELOAD. JACK UP.	JACK UP. INSTALL MORNING LINE ON LEG. SKID RIG. GENERAL RIG UP, WORK ON CLOSING PCI ITEMS.

Location	Next Location
MRJN-110/115 PLTF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,977	9 5/8	7716	6827	4 1/2	7,122	10,970	6,816

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10977	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5		PRE	M	MAIN	RM	NA	RIG					WAIT ON DAYLIGHT TO CONTINUE RIG MOVE TO FINAL RIG APPROACH AT MRJN-110/115 PLTF. - CONTINUE PREPARING RIG FOR MOVE. - SECURE EQUIPMENT ON CANTILEVER .
0630 - 0700	0.5		PRE	M	MAIN	RM	NA	RIG					CONDUCTED PRE MOVE MEETING WITH ALL INVOLVED PARTIES, DISCUSSED MOVE PLAN.
0700 - 0800	1		PRE	M	MAIN	RM	NA	RIG					HPJSM, CONNECT BOW VESSEL AND JACK DOWN HULL TO 6 FT DRAFT. CONDUCTED HULL WATER INTEGRITY TIGHT, OK.
0800 - 1100	3		PRE	M	MAIN	RM	NA	RIG					JACK DOWN HULL TO FLOATING DRAFT. RIG MOVE AND FINAL APPROACH TO MRJN-110/115 PLTF. PIN LEG TO FINAL POSITION.
1100 - 1200	1		PRE	M	MAIN	RM	NA	RIG					POSITION RIG TO PF, JACKING DOWN ALL LEGS. - RELEASED MOVING BOATS STBD & PORT SIDES. - POSH SPRING BOK CONNECTED TO BOW BRIDAL.
1200 - 1315	1.25		PRE	M	MAIN	RM	NA	RIG					JACK UP RIG TO 0' AIR GAP. - INITIAL LEG PENETRATIONS: BOW -10.5', PORT - 10.1', STARBOARD - 9.1'.
1315 - 1915	6		PRE	M	MAIN	RM	NA	RIG					PRELOAD BOW LEG 100%. HOLD STATIC PRELOAD 2 HOUR. DUMP PRELOAD.
1915 - 0115	6		PRE	M	MAIN	RM	NA	RIG					PRELOAD STARBOARD & PORT LEG 100%. HOLD STATIC PRELOAD 2 HOUR. DUMP PRELOAD. - INITIAL LEG PENETRATIONS: BOW -10.5', PORT - 10.1', STARBOARD - 9.1'.
0115 - 0400	2.75		PRE	M	MAIN	RM	NA	RIG					JACK UP RIG TO 10' AIR GAP. RELEASE RAWABI-202 FROM BOW BRIDLE.
0400 - 0459	1		PRE	M	MAIN	RM	NA	RIG					PREPARE RIG AND START JACK UP RIG TO FINAL AIR.....INC@RPT

Foreman Remarks

** PLATFORM MRJN#110/115.
** CURRENT WELL MRJN-309, OBJECTIVE WELL SLIMMING & WELLHEAD ELEVATING FOR GAS LIFT INSTALLATION.
** ANCHORING RESTRICTION: XXXX.
** RIG HEADING: XXX DEG.
** WATER DEPTH: 159 FEET.
** GOR: 1850 SCF/STB.
** ODF TO TUBING SPOOL DIST = 59.2 FT
** RIG FLOOR TO TBG SPL DIST =XXXX FT, CORRECTION = XXXX FT
==========
** CURRENT PLATFORM MRJN-110/115.
** MRJN-309 CRITICAL WELL : GAS CAP AND HIGH GOR
** EIGHT CANDIDATE WELLS MRJN-309, MRJN-324, MRJN-115, MRJN-112, MRJN-111, MRJN-114, MRJN-113, MRJN-110.
** PLATFORM IS LOCATED @ MRJN FIELD.
** CCA = 0 PSI FOR ALL WELLS & TCA = 0 PSI. LATEST RECORD ON 01/23/2026.
==========
* ARAMCO FOREMAN AHMED ABDELRAZED ID#8595749 ONBOAD SDH FROM 04 JAN 2026 TO 22 JAN 2026.
* ARAMCO FOREMAN BRAHIM BENMOUSSA ID#896805 ONBAORD SINCE 20 JAN 2026.
* ARAMCO DOECD AUDITOR PATEL BEHRAM H ID#8865481 ONBOARD SINCE 25TH JAN 2026 FOR PCI CLOSING ITEMS.
* ARAMCO DOECD AUDITOR ABDULLAH ALABDRABALNABI BADGE #746354 ARRIVED ON 26-JAN-2026 FOR PCI CLOSING ITEMS.
* RIG MOVE MASTER CRAIG WATSON ID#8328445 DEPARTURE RIG ON 27-JAN-2026 @ 13:00 HRS.
==========
** DISCUSSED WITH CREW WELL CONTROL LESSON SHARING - ISSUE NO. EXT 1-26.

DAILY SURVEY
MUD DATA
MUD

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/05/2023 - 01/30/2026

أرامكو السعودية
saudi aramco

TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	20-22 KNOTS NW	2-3 FT	WINDY	939	PRETOUR

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	BDF	ARM	SJC	ARM	OWT	INW	NSL
Category	CTRG	RIG	DFMS	OTHR	PCS	WSC	WTSE	BRCR	SLS
No. of Persons	12	46	1	3	3	1	1	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	12	0	24	0	0	0

Total
69

TRUCKS/BOATS

Standby/Tankers	Others
rawabi-209	posh springbok

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
460	928	935	0	0	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
RED EMREGENCY RADIO NOT WORKING- NEED REPLACEMENT.		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

KHRS-463 WORKOVER-4 BI-90

01/17/2026 - 02/04/2026

أرامكو السعودية
saudi aramco

SINO-11 @ KHRS-463 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-11
Well: KHRS-463
Wellbores: (0) KHRS_463_0

Charge #: (61-25051-0463)
Wellbores: (0) KHRS_463_0

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): ALKALUF, MOHAMMED SAAD / ABDELLA, BADRELDIN ABDELHAKIM / ALNAIMI, MAJED ABDULLAH
Engineer Manager: ALOMAIR, HAZEM ABDULLAH / AKBAR, KITOS GEMINI LAHLAH, AZZEDINE

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
0088216777 12327	5746015	5746015
FAX VSAT	CONTRACTOR /CLERK VSA T	
8807482	5746014/57 46018	

Last 24 hr operations: CONT POH WITH NEW ESP COMPLETION, PREC BULLHEAD, P/U & M/U DP, RUN 8-1/2" C/O BHA

Next 24 hr plan: RUN 8-1/2" C/O BHA, CHC, POH, RUN NEW ESP COMPLETION.

Location: 253 KM DHAHRAN MG,3 KM WEST OF KHRS GOSP-3, 3.6 KM SKID ROAD FROM RIYADH-HASSA HIGHWAY

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,916	9 5/8	7953	4828				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11916	6.9 (01/21/2026@0800)	0	0	253	253

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	EOW	N	DCOM	RPCS	SPCOM	RIG	11941	11941	1084	245	CONT POOH SAWAFI ESP UPPER COMPLETION & L/D 4-1/2", 11.6#, J-55, N.VAM TBG TO TOP OF 9-5/8" PKR (TOTAL 168 JTS). - NO VISUAL DAMAGE ON CABLE. - L/D INTERWELL 4-1/2" PTP. - MONITOR & FILL WELL THROUGH TRIP TANK, LOSSES 50 BPH.
0630 - 1100	4.5	0	EOW	N	DCOM	OTH	NA	SBA	11941	11941			CHECKED & L/D PRAXIS 9-5/8" ESP PKR, L/D ESP ASSY. - FOUND MINOR SCRATCH IN ESP PKR PACKING ELEMENT. - FOUND FLAT CABLE COLLAPSED @ 0.7 FT ABOVE ESP MTR CONNECTION. - SMALL PIECE OF STRAP JAMMED IN FLAT CABLE FROM UPSIDE DIRECTION @ 1.5 FT ABOVE ESP MTR CONNECTION. - MONITOR & FILL WELL THROUGH TRIP TANK, LOSSES 50 BPH.
1100 - 1300	2	0	EOW	N	DCOM	CIRC	MPMP	RIG	11941	11941			PREC BULLHEAD THE WELL WITH VISC WTR, 480 GPM @ 277 PSI. FLOW CHECK, WELL IN LOSSES.
1300 - 1400	1	0	EOW	N	DCOM	HT	TBG	RIG	11941	11941			HPJSM, L/D SINO TUBING POWER TONG & R/U SINO DP TONG. HOUSEKEEPING RIG FLOOR.
1400 - 2230	8.5	0	EOW	N	CT	LDP	SPDP	RIG	11941	11941	0	0	HPJSM, P/U & M/U FLUSHED & DRIFTED 3-/2" HWDP/DP FROM PIPE RACK, STD BACK IN DRK. - MONITOR & FILL WELL THROUGH TRIP TANK, LOSSES 50 BPH.
2230 - 0130	3	0	EOW	N	CT	HT	BHA	RIG	11941	11941			HPJSM, P/U & M/U 8-1/2" CLEAN OUT BHA AS FOLLOW: 8-1/2" CP-MILL, FLAOT SUB W/ VLV, 1 JT X 3-1/2" HWDP, 8-1/2" STRG MILL, 1 JT X 3-1/2" HWDP, 8-1/2" STRG MILL, 9-5/8" SCRAPER, 8 STDS X 3-1/2" HWDP, 4-3/4" DRLG JAR, 4 JTS X 3-1/2" HWDP. - P/U & RUN 4-3/4" DRLG JAR @ 01:00 HR. - MONITOR & FILL WELL THROUGH TRIP TANK, LOSSES 50 BPH.
0130 - 0215	0.75	0	EOW	N	CT	TI	STDP	RIG	11941	11941	975	2500	RIH WITH 8-1/2" CLEAN OUT BHA ON 3-1/2"DP TO 2500' - FILL STRING & BREAK CIRC EVERY 10 STDS. - SMOOTHLY PASS 9-5/8" DV TOOL. - MONITOR & FILL WELL THROUGH TRIP TANK, LOSSES 50 BPH.
0215 - 0245	0.5	0	EOW	N	CT	CIRC	MPMP	RIG	11941	11941			CUMULATIVE TIME FOR FILLING STRG & BREAK CIRC.
0245 - 0459	2.25	0	EOW	N	CT	LDP	SPDP	RIG	11941	11941	2500	3824	RIH WITH 8-1/2" CLEAN OUT BHA ON FLUSHED & DRIFTED 3-1/2"DP FROM PIPE RACK TO 3824' ... ONGOING - FLUSH STRING & BREAK CIRC EVERY 10 STDS. - MONITOR & FILL WELL THROUGH TRIP TANK, LOSSES 50 BPH.

Workover Objectives

Foreman Remarks

>> ODF CORRECTION: +8.1 FT.
==========
>> SAFETY:
- GOR: 306 SCF/STB & H2S: 1.03%.
- 1/2 LFL= 116 M, 100 PPM= 289 M & 30 PPM= 539 M.
==========
========== JOURNEY MANAGEMENT ==========
- NIGHT DRIVING IS PROHIBITED. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
==========SAFETY==========
>> OPEN ITEMS FOR SAFETY INSPECTION & AUDIT:

LIMITED MORNING REPORT

KHRS-463 WORKOVER-4 BI-90

01/17/2026 - 02/04/2026

**** Q4 SAWOD IN-HOUSE CONDUCTED ON 8-DEC-2025: 02 OPEN ITEMS(P4).
>>SAFETY ALERTS DISCUSSED:
**** - DISCUSSED DAILY WALK AROUND OBSERVATION AND STOP CARD DISCUSSION.
- DISCUSSED STOP WORK AUTHORITY, ANYTHING WRONG STOP THE JOB.
- DISCUSSED NORM AWARENESS & REQUIRED PPE.
- DISCUSSED CRANE OPERATIONS HAZARDS, PINCH POINT HAZARDS & DROPS PRIOR TO RUN NEW COMPLETION.
==========
>> ARAMCO POB:
- ARAMCO FOREMAN OMAR ALSAYARI ID #808999 ON LOCATION.
- ARAMCO ME ZAID HARTHI, ID #8331490 ON LOCATION SINCE 01/14/2025.
==========
========== ARAMCO VEHICLE ==========
- ARAMCO VEHICLE NO: (H-527) ON LOCATION. NEXT PM DATE: 02/07/2026.
==========
>> WATER WELL NAME: KHRS-953.
>> DISTANCE TO WATER WELL: 6 KM.
==========
>> SERVICE COMPANY ON LOCATIONS:
- OES MUD ENG. ON LOCATION.
- 4 X RAW WATER TANKERS.
- NESR SLICKLINE ON LOCATION FOR DE-COMPLETION & RUNNING NEW COMPLETION SINCE 01/20/2026 17:15.
- INTERWELL ON LOCATION FOR DE-COMPLETION & RUNNING NEW COMPLETION SINCE 01/20/2026 20:00.
- SAWAFI ON LOCATION FOR DE-COMPLETION & RUNNING NEW COMPLETION SINCE 01/21/2026 13:30.
- ALGHAITH ON LOCATION FOR RUNNING NEW COMPLETION SINCE 01/23/2026 22:30.
==========
>> RENTAL EQUIPMENT
- NAPESCO 4-3/4" DRLG JAR (S.N: HMJ-475-101): RECEIVED ON 01/27/2026 @ 22:00 HR.
==========
>> NEXT LOCATIONS:
- KHRS-544, KOM DONE ON DEC. 05 2025, STRIP OUT: 100%, LOCATION READINESS: 80%.
- ABJF-251, KOM DONE ON OCT. 28 2025, STRIP OUT: 100%, LOCATION READINESS: 0%.
- ABJF-4, KOM DONE ON OCT. 28 2025, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-276, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-264, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-13, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-8, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-274, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-253, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- ABJF-20, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- FRHH-1, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
- MZLJ-182, KOM NOT DONE, STRIP OUT: 0%, LOCATION READINESS: 0%.
==========
>> VISITORS:
- N/A

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	11,941	87.9	310.3	0	4,971	2102.17	-1414	8,311.93	1.02

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	9.5	1,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	N/A	0 Volts	0	9.5	1,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	0	0	0	0 / 0	0	0	0

MUD TREATMENT

CAUST	XC
2 (55LB)	20 (50LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	SEASONAL	N/A	SEASONAL	4,195	MU & RIH WITH NEW ESP COMPLETION.

PERSONNEL AND SERVICES INFORMATION

Company	SBA	INW	TGC	JCT	RIG	GDF	NFM	ASH	ARM	NSL	GOC	ARM
Category	ALS	BRCR	CTRG	COIL	RIG	DFMS	WMFE	FLD	OTHR	SLS	PRS	WSC
No. of Persons	7	1	19	11	51	1	1	4	2	3	5	3
Personnel on Loc. Hrs.	24	24	24	3	24	24	3	24	24	24	24	24

Total
108

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LIMITED MORNING REPORT

KHRS-463 WORKOVER-4 BI-90

01/17/2026 - 02/04/2026

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	Operating Hours.	6	3	0	0	24	24	0	12	12	0	0	24

TRUCKS/BOATS

Standby/Tankers	Others	Others
ARAMCO CAR H726	4 X RAW WATER TANKERS	SINO AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
500	300	240	19	9	0

REPAIR ASAP

Instrumentation	Other
OK	

Reporter

Computer, Communication & V-Sat Issues

OK.

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LIMITED MORNING REPORT

HRDH-94 WORKOVER-2 BI-60

01/22/2026 - 02/26/2026

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SINO-12L @ HRDH-94 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-12L
Well: HRDH-94
Wellbores: (0) HRDH_94_0

Charge #: (71-25058-0094)
Wellbores: (0) HRDH_94_0

Objective : (ST AS SINGLE LATERAL OIL PRODUCER ACROSS ARBD.)

Foreman(s): HANACHI, MOHAMMED FAYCEL / CHATTHA, USMAN ZULFIQAR
Engineer: OMAIR, MOHAMMED ABDULLAH
Manager: SAEGH, ABDULLAH SULIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12699	(013)578-4 075	(013)578-4 036
OTHER VSAT	CONTRACTOR /CLERK VSA T	
(013)813-7 247 MEDIC	(013) 813- 7231 WFD D SV	

Last 24 hr operations
R/U, COMMENCE OPERATION, BULLHEAD WELL, P/T TCA & BNT SEALS, RUN G.C, PUNCH TBG, UNABLE TO BH TCA, SET PX PLUG.

Next 24 hr plan
P/T PX PLUG, CIRC THRU PUNCH POINT W/TOP KILL MUD, SET & P/T SHALLOW PLUG, DIG CELLAR, PERFORM WELLHEAD WORK, N/D TREE, N/U & P/T BOPE, RET PLUGS.

Location
250 KM FROM DHARAN MAIN GATE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,500	9 5/8	4266	4265	7	2,045	7,127	7,120

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7500	0.5 (01/27/2026@1700)	100	0	218	250

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0	PRE	N	RM	RM	NA	RIG	0	0			HELD PRE JOB SAFETY MEETING WITH ALL RIG PERSONNEL, DISCUSSED RIGGING UP OPERATIONS, WORKING AT HEIGHT, OPERATING CRANE & FORKLIFT, FLAGMAN, LIFTING HEAVY EQUIPMENT, STOP WORK AUTHORITY, REVIEW HSE ALERTS INCIDENTS DURING PREVIOUS RIGS MOVES (LESSON LEARNT). R/D 100%, R/M 100%, R/U 100% - COMPLETE R/U FLARE & VENT LINES, FLUSH & PRESSURE TEST EACH LINE SEPARATELY TO 300/1200 PSI, HOLD - OK. - R/U IGNITION SYSTEM & FUNCTION TEST SAME. - R/U FIRE PUMP & FUNCTION TEST SAME. - CALIBRATED H2S SYSTEM AND FUNCTION TEST SAME. - FLUSH & CONDUCTED FULL BOP STUMP TEST ON 01-27-2026. - FLUSH & PRESSURE TEST CHOKE MANIFLOD. - PRESSURE TEST SURFACE LINES & STAND PIPE MANIFOLD. - MIXED 1500 BBLS 87 PCF KILL FLUID, 500 BBLS 89 PCF TOP KILL MUD. - COMPLETED ARAMCO PRE-SPUD CHECKLIST. - HELD PRE-SPUD SAFETY MEETING WITH ALL INVOLVED PERSONNEL. - CONDUCTED PRE-SPUD H2S DRILL. ----------OFF LINE SLICK LINE OPERATIONS---------- HELD PJSM, R/U TAQA S/L EQUIPMENT & PCE, P/T SAME TO 300/2000 PSI, HOLD - OK. - RIH & RETRIEVE 4-1/2" WFD JUNK CATCHER @ 220 FT & POOH. - RIH W/ PRONG EQUALIZING TOOL & EQUALIZE PRESSURE (SIWHP = 800 PSI). - RIH W/ 4" GS PULLING TOOL, LATCH ON 4-1/2" WFD SLICK PLUG @ 220 FT, JAR UP & RETRIEVED PLUG - OK (SIWHP= 800 PSI).
1700 - 1700	0	0	PRE	S	OT	COMM	NA	RIG	0	0			ACCEPT RIG & COMMENCE OPERATIONS ON HRDH-94 ON 01-27-2026 AT 17:00 HRS.
1700 - 1730	0.5	0	POST	N	WH	OTH	NA	RIG	0	0			CHECK WELLHEAD MEASUREMENTS: - MARKED WELLHEAD ORIENTATION, WING VALVE FACING WES (CATWALK) & OPERATORS FACING NORTH (ARAMCO OFFICE). - MID CROWN VALVE TO GROUND = 5.42' - MID WING VALVE TO GROUND = 4.07' - MASTER VALVE TO GROUND = 2.67' - RIG FLOOR TO TBG HEAD SPOOL = 28.33' - RIG FLOOR TO GROUND LEVEL = 29.6'. - RIG FLOOR TO LANDING BASE= 30.1' >> OPENED WELL & CHECKED (SIWHP = 800 PSI, TCA = 0 PSI, CCA = 0 PSI).
1730 - 2000	2.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			HPJSM, BULLHEAD WELL W/1.2 WELLBORE VOLUME, 50 BBLS 87 PCF HI-VIS PILL, FOLLOWED BY 165 BBLS 87 PCF KILL BRINE @ 0.6 BPM/1700 PSI. > AFTER PUMPED 100 BBLS 87 PCF KILL BRINE, INJECTIVITY IMPROVED TO 6 BPM/1500 PSI. > MONITORED TCA & CCA'S PRESSURES WHILE BULLHEAD, NO PRESSURE BUILD-UP.
2000 - 2100	1	0	POST	N	DCOM	OTH	NA	RIG	0	0			FLOW CHECK FOR 1 HOUR, WELL DEAD.
2100 - 2200	1	0	POST	N	WH	OTH	NA	RIG	0	0			HPJSM, P/T TCA TO 1000 PSI FOR 10 MINS, HOLD - OK (MONITOR TBG & CCA'S REMAINED ZERO)). > P/T TBG HGR/BONNET SEALS TO 1,500 PSI FOR 10 MINS, HOLD - OK.
2200 - 0000	2	0	POST	N	DCOM	DTU	GAUG	MSL	0	0			HPJSM, R/U TAQA S/L EQUIPMENT & PCE, P/T SAME TO 300/2000 PSI, HOLD - OK. > RIH W/ 3.79" GC - TAGGED 4-1/2" XN-NIPPLE BELOW PKR @ 6906 FT, POH.

LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-94 WORKOVER-2 BI-60

01/22/2026 - 02/26/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													> RIH W/ 3.68" MECH TBG PUNCHER, PUNCHED 4-1/2" #11.6-J-55 TBG @ 6625 FT (163' ABOVE PKR), GOT GOOD INDICATION - TCA PRESSURE INCREASED TO 1500 PSI, POOH.
0000 - 0130	1.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			HPJSM, ATTEMPTED TO BULLHEAD TCA WITHOUT SUCCESS, PRESSURE REACHED 2000 PSI. - SWITCHED TO TBG AND BULLHEAD WELL W/ 87 PCF KILL BRINE, 4 BPM/1500 PSI.
0130 - 0245	1.25	0	POST	N	DCOM	DTU	GAUG	MSL	0	0			HPJSM, R/U TAQA S/L EQUIPMENT & PCE, P/T SAME TO 300/2000 PSI, HOLD - OK. > RIH W/ 3.68" MECH TBG PUNCHER FOR SECOND PUNCH, PUNCHED 4-1/2" #11.6-J-55 TBG @ 6615 FT (173' ABOVE PKR), GOT GOOD INDICATION. POOH.
0245 - 0330	0.75	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			HPJSM, ATTEMPTED TO BULLHEAD TCA WITHOUT SUCCESS, PRESSURE REACHED 2000 PSI.
0330 - 0459	1.5	0	POST	N	DCOM	SET	PLUGN	MSL	0	0			S/L RIH W/ 4-1/2" PX-PLUG AND SET SAME IN X-NIPPLE BELOW THE PACKER @ 6851' (THREE RUNS).....IN PROGRESS AT RPT.

Workover Objectives

Foreman Remarks

ODF: -11.1 FT.
==========ARAMCO PERSONNEL==========
> FALEH M ALAJMI MATERIAL EXPEDITOR ON LOCATION SINCE 01/18/2026.
==========WFD LSTK PERSONNEL==========
> WFD DSV: WALEED (DAY), MOHAMED SABAHI (NIGHT).
> WFD HSE ADVISOR: SHARAN.
==========NEXT LOCATION==========
>> HRDH-543: KOM HELD ON 12/11/2025, STRIPPING OUT 100%, LOCATION READINESS 50%
>> HWYH-162: KOM HELD ON 1/20/2026 (PERFORMED BY SINO-1L), STRIPPING OUT 00%, LOCATION READINESS 00%
==========WELLS WITH CENTRALIZED MAIN CAMP ==========
>> HRDH-94, HRDH-543.
========== RIG VISITS ==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	0	9.5	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	81	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
49	0	0	19	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	0	9.5	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	81	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
49	0	0	19	0 / 0	0	0	0

MUD TREATMENT

CACL2-80	UTG-XG	CAOH2	MARBLE-FINE
138 (2200L)	31 (55LB)	4 (40LB)	24 (2200L)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	N/A	N/A	N/A	N/A	5,565	PRE SPUD MEETING & PRE TOUR MEETINGS.

PERSONNEL AND SERVICES INFORMATION

Company	WBP	OTH	RIG	GDF	MJH	SNS	MSI	TK4	RIG	ARM	MSL	OTH	TK4	ARM	WWL
Category	BRCR	CTRG	RIG	DFMS	SEC	H2S	ISPCT	OTHR	OTHR	OTHR	SLS	VAC	WSC	WSC	WLS
No. of Persons	1	12	67	1	7	2	6	1	4	1	4	4	2	2	5
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	12
Operating Hours.	5	0	24	12	0	12	12	12	12	12	16	12	24	24	0

Total 119

TRUCKS/BOATS

Standby/Tankers
b-949

LIMITED MORNING REPORT

HRDH-94 WORKOVER-2 BI-60

01/22/2026 - 02/26/2026

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	N/A	N/A	N/A	400

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ANDR-447 WORKOVER-1 BI-60

01/11/2026 - 02/14/2026

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SINO-15L @ ANDR-447 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-15L
Well: ANDR-447
Wellbores: (0) ANDR_447_0

Charge #: (71-25056-0447)
Wellbores: (0) ANDR_447_0

Objective : (SIDETRACK AND RE-COMPLETE THE WELL AS A SINGLE LATERAL OIL PRODUCER IN THE GOOD POROSITY OF ABD1.)

Foreman(s) ZIANI, SAID / IBRAHIM, MOHAMED SAAD
Engineer PANNEERCHELVAM, P DHINESH KUMAR
Manager KHALDI, MOHAMMED SALEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2403	013-572-28 94	(013) 838- 7934 (DSV)
MOBILE	FAX VSAT	CONTRACTOR /CLERK VSA T
050-329-59 93 (RIG MG R)	(013) 838- 9820 (MEDI C)	(013) 572- 8506 (CLER K)

Last 24 hr operations
CONT. RIH 7" TIE-BACK CSG, HANG BOP & SET CSG SLIPS, PT, CMT 7" TIE-BACK, N/D BOP, N/U THS, N/U BOP & PT, RIH W/ 6-1/8" COA, PT CSG, D/O CMT, F/C & SHOE TRACK.

Next 24 hr plan
D/O CMT, CHC, RIH W/ 6-1/8" COA TO EZSV-CR, DISPLACE TO 83 PCF BRINE, POH & L/D CO ASSY, RIH WFD WHIPSTOCK & SET SAME, CUT WINDOW & DRILL RAT HOLE, CHC & POH.

Location
113 KM (DRIVING) FROM DHAHRAN MAIN GATE, 7.8 KM TO ANDR GOSP-4.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,000	7	6644	6644				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6000	10.7 (01/17/2026@1200)	100	0	123	123

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0600	1	0	POST	N	CSG	HT	PEL	ITS	6000	6000			TF	965563	CONT'D TROUBLE SHOOTING ITS POWER UNIT W/O SUCCESS, CHANGED POWER UNIT TO NEW & FUNCTION TEST SAME - OK. - KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0600 - 0645	0.75	0	POST	N	CSG	RCSG	CTRQ	ITS	6000	6000	1909	2300			CONT'D RIH W/ 7" 26# J-55 LTC CSG TO 2300' (TOTAL 60/60 JOINTS). - FILL UP EVERY JOINT. - KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0645 - 0715	0.5	0	POST	N	CSG	HT	PEL	RIG	6000	6000					CONT'D RIH F/ 2300' TILL PASS THRU 7" TBR @ 2325', CONFIRMED AND TAGGED NO-GO @ 2331' THREE TIMES.
0715 - 0800	0.75	0	POST	N	CSG	CIRC	MPMP	RIG	6000	6000					HPJSM. M/U CIRCULATING HEAD W/ SURFACE HARD LINES & CIRC 1.2 X CSG CAPACITY W/ 87 PCF MUD. - KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0800 - 1000	2	0	POST	N	WH	OTH	NA	RIG	6000	6000					HPJSM. HANG UP BOP & INSTALL 7"X 13" CIW MANUAL CSG SLIPS, LAND 7" CSG INTO CSG SPOOL & ENERGIZE CASING SLIPS SEALS. N/U BOP, P/T 7" CSG SLIPS TO 1000 PSI, HOLD.
1000 - 1030	0.5	0	POST	N	CSG	CMC	CSG	HCM	6000	6000					HPJSM. R/U & P/T CEMENT LINES TO 300/2500 PSI OK, CIRC. MEANWHILE HALL BATCH MIX CEMENT. - CLOSED ANNULAR BOP AND APPLY 500 PSI ON CSG SLIPS WHILE CIRC AND CMT JOB.
1030 - 1130	1	0	POST	N	CSG	CMC	CSG	HCM	6000	6000					HPJSM. HALL PERFORMED 7" TIE-BACK CMT JOB: - PUMP 25 BBL OF 102 PCF SPACER AHEAD. - PUMP 83 BBL 118 PCF CEMENT SLURRY (BATCH MIXED). - DROP 7" WIPER PLUG. - DISPLACE W/ 3 BBL 118 PCF CEMENT SLURRY. - DISPLACE W/ 10 BBL OF 102 PCF SPACER BEHIND. - CONT'D DISPLACING W/ 73 BBL 87 PCF MUD (TOTAL DISPLACEMENT: 86 BBLS). - BUMP PLUG W/ 1100 PSI (500 PSI OVER FINAL PUMP PRESSURE, HOLD 5 MIN), BLEED OFF. - FLOAT HOLDING & RECOVERED 12 BBLS PURE CMT AT SURFACE.
1130 - 1230	1	0	POST	N	CSG	HT	PEL	RIG	6000	6000					HPJSM. BLEED OFF PRESSURE ABOVE CSG SLIPS TO ZERO, FLUSH & CLEAN OUTLET VALVES ON CSG SPOOL & CEMENT LINE, R/D CEMENT HEAD & HARD LINES.
1230 - 1330	1	0	POST	N	BOP	ND	BOP	RIG	6000	6000					HPJSM. DISCONNECT & LIFT BOP. ROUGH CUT & L/D 7" CSG CUT OFF JT.
1330 - 1500	1.5	0	POST	N	WH	OTH	NA	RIG	6000	6000					FINAL CUT & DRESS 7" CSG TO 4-3/4" & BEVEL SAME.
1500 - 1630	1.5	0	POST	N	WH	NU	WH	RIG	6000	6000					HPJSM. INSTALLED NEW 13" X 11" 3M VG (BAKER) TBG SPOOL W/ 9" X 7" REDUCER BUSHING & 2 EA OF 2-1/16" GATE VALVES. - P/T SEALS & 7" CSG SLIPS TO 1500 PSI, HOLD.
1630 - 1800	1.5	0	POST	N	BOP	NU	BOP	RIG	6000	6000					HPJSM. N/U 13-5/8" CLASS "A" 5M BOP STACK & RELATED EQPTS, BELL NIPPLE AND FLOW LINE.
1800 - 1930	1.5	0	POST	N	BOP	BOPT	BOP	RIG	6000	6000					HPJSM. M/U TEST ASSY, PT BOP BREAK OUT CONNECTIONS AS PER ARAMCO STANDARDS, L/D TEST ASSY.

LIMITED MORNING REPORT

ANDR-447 WORKOVER-1 BI-60

01/11/2026 - 02/14/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
															- P/T TBG SPOOL SIDE-OUTLET VALVE W/ 7" CUP TESTER, OK.
1930 - 2000	0.5	0	POST	N	WH	SET	WBSH	RIG	6000	6000					HPJSM. INSTALL 11" VG WEAR BUSHING.
2000 - 2130	1.5	0	POST	N	CT	HT	BHA	RIG	6000	6000					HPJSM. P/U & M/U 6-1/8" CLEAN OUT BHA AS FOLLOW: 6-1/8" NEW MILL TOOTH BIT (TYPE: QH1R - SN: 840257-R), BIT SUB W/ FLOAT VLV, 1 JT 4-3/4" DC, 6 1/8" STRING MILL, X.O, 2 STDS 4" HWDP, 4 3/4" TUE JAR, 2 JT'S 4" HWDP. - KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
2130 - 0030	3	0	POST	N	CT	LDP	SPDP	RIG	6000	6000	190	2000			RIH W/ 6-1/8" CLEAN OUT BHA WHILE P/U 4" DP/HWDP TO 2000' PICKED UP FROM PIPE RACK. - FILL STRING EVERY 15 STDS & BREAK CIRCULATION. - KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0030 - 0100	0.5	0	POST	N	CT	CIRC	MPMP	RIG	6000	6000					CUMULATIVE TIME FOR FILL-UP STRING & BREAK CIRCULATION.
0100 - 0130	0.5	0	POST	N	CT	RW	BIT	RIG	6000	6000	2000	2240			CONNECTED TDS. WASH DOWN W/ 6-1/8" CLEAN OUT BHA TO 2240' (22' ABOVE 7" F/COLLAR).
0130 - 0230	1	0	POST	N	CT	CIRC	MPMP	RIG	6000	6000					SWEEPT HOLE W/ 20 BBLS HVP & CIRCULATE HOLE CLEAN TILL SHAKERS CLEAN & MW IN/OUT=87 PCF.
0230 - 0300	0.5	0	POST	N	CT	CIRC	MPMP	RIG	6000	6000					HPJSM. CLOSED BOP & P/T CSG TO 500 PSI (1500 PSI EQUIVALENT WATER @ EZSV-CR DEPTH) W/ 87 PCF MUD, HOLD.
0300 - 0459	2	0	POST	N	CT	RW	BIT	RIG	6000	6000	2240	2315			CONT. WASH DOWN W/ 6-1/8" C/O BHA TILL TAG TOC @ 2260', DRILL OUT CMT, F/COLLAR & SHOE TRACK CMT TO 2315' W/ 87 PCF MUD & 100% CIRC....ONGOING@RPT.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 0215	1	3.75	965563		TF	FOT	CTRQ	ITS	1909	ITS POWER TONG MALFUNCTION.

Workover Objectives

Foreman Remarks

- ODF CORRECTION = -14.5 .
==========
- RELIEF WELL: ANDR-217, DISTANCE 1.94 KM.
==========
SAFETY:
- DOE&CD PERFORMED RHSEI & WCEI AUDIT ON 1/26/2026.
==========
ARAMCO PERSONNEL ON LOCATION:
- NONE.
==========
HES LSTK PERSONNEL ON LOCATION:
- HSE: OMAR ALSHAMMARI ID#H308684 ON LOCATION SINCE 01/22/2025.
- DSV (DAY): SHADY SHAHEEN ID# H 141448 ON LOCATION SINCE 01/11/2025.
- DSV (NIGHT): HASAN RAMDANI ID# H143157 ON LOCATION SINCE 01/15/2025.
==========
FUEL CONSUMPTION:
- DIESEL CONSUMPTION FOR ENGINES (RIG + CAMP) = (DAILY: 21 BBLS / CUMMULATIVE FOR CURRENT WELL: 382 BBLS).
- RIG & CAMP DIESEL PROVIDED BY HALL LSTK.
==========
NEXT LOCATIONS:
- ANDR-3026 (ANDR GOSP-4): KOM HELD BY SP-101 ON 12/2/2025, STRIP OUT 100% (01/13/2026), LOCATION 30 % (W5 ON 01/13/2026, EQPT ARRIVED ON 01/22/2026). (CAMP CENTRELIZATION: YES)
- ANDR-3037 (ANDR GOSP-3): KOM (1/5/2025), STRIP OUT 0 % (22 DAYS SINCE KOM), LOCATION 0 %, (CAMP CENTRELIZATION: YES).
- ANDR-3025 (ANDR GOSP-4): KOM HELD BY SP-101 ON 12/2/2025, STRIP OUT 0 % (56 DAYS SINCE KOM), LOCATION 0 %, (CAMP CENTRELIZATION: YES).
==========
WELLS WITH CENTRALIZED MAIN CAMP:
- ANDR-3026, ANDR-3037 & ANDR-3025 WILL HAVE A CENCTRALIZED CAMP.
- TOTAL MAIN CAMP MOVES TO BE AVOIDED: 0.
==========
HES LSTK & SINO VISITOR:
- NONE.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	0	9.6	133,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	76	27	0	9 / 13	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0	21	24	8 / 10	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	0	9.7	135,000

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LIMITED MORNING REPORT

ANDR-447 WORKOVER-1 BI-60

01/11/2026 - 02/14/2026

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FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	0HTHP	76	28	0	9 / 13	NCPOL	0

Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
59	0	21	24	8 / 10	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	01/27/2026	18 KM/H, N	N/A	H: 18 DEG/L: 09 DEG	3,367	SWA, LOF, HAND FREE TOOLS & HOUSE KEEPING.

PERSONNEL AND SERVICES INFORMATION

Company	TGC	WWD	SPS	RIG	BAR	MJH	TK1	TK1	ARM
Category	CTRG	WPSTK	DPDS	RIG	DFMS	SEC	OTHR	WSC	WSC
No. of Persons	18	1	4	56	1	6	6	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	24	0	12	24	24

Total
98

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
B955 (last PM DEC 27).	AMBULANCE.	BUS.	MINI BUS.	RIG PICK UP.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1900	94	358	10	0	1300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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FDHL-120 WORKOVER-5 BI-90

01/23/2026 - 02/07/2026

SINO-16 @ FDHL-120 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-16
Well: FDHL-120
Wellbores: (0) FDHL_120_0

Charge #: (61-25018-0120)
Wellbores: (0) FDHL_120_0

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s) ALGURASHI, MOSTAFA ALI / ALASLANI, ANAS ALI
Engineer FALLATAH, ABDULAZIZ ABDULRAHMAN
Manager ALMUSTAFA, AHMED HASSAN

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 13767	013-378-21 94	013-378-21 95

Last 24 hr operations
S/L WORK TO RETRV. ZENITH PLUG, DRIFT & PUNCH TBG, BULHEAD TCA & TBG, S/L WORK TO SET SIMPLUG.

Next 24 hr plan
DISP TO 83 PCF BRINE, SET SHALLOW SIMPLUG, CLOSE TRSSSV, SET BPV, N/D TREE & N/U BOP, PT BOP, RET PLUGS, BULLHEAD, UNSET BAKER 9-5/8" PACKER, POH BAKER ESP ASSY

Location: 123 MK FROM DHAHRAN MAIN AGTE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
17,750	9 5/8	6503	6503	7	6,231	11,450	9,932

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
17750	1.2 (01/27/2026@0000)	0	0	123	123

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	POST	N	DCOM	PTST	MPMP	RIG	17965	17965			>> PT TCA TO 1,000 PSI FOR 15 MIN - GOOD TEST ON CHART. >> PT TBG BNT & HANGER SEALS TO 1,500 PSI FOR 15 MIN- GOOD TEST. >> PT 9-5/8" INTERFERENCE SEALS & CASING SLIPS TO 1,000 PSI,OK. >> PT 7" X9-5/8" CCA TO 1000 PSI WITH INHIBITED WATER. GOOD TEST.
0600 - 0100	19	0	POST	N	DCOM	DTU	GAUG	NSL	17965	17965			HPJSM, R/U NESR SL UNIT & LUBRICATOR. PT SAME TO 2,000 PSI.OK. >> RIH W/3" JDS PULLING TOOL TO ZENITH PLUG DEPTH 6061 FT, WORK ON SAME, NO SUCCESS, POH, L/D SAME. >> CHANGE S/L TO HEAVEY DUITY & RIH W/3" JDS PULLING TOOL TO ZENITH PLUG DEPTH 6061 FT, WORK ON SME, TILL RETREIVED SUCCESSFULLY. POH, L/D >> RIH W/3.7" GC TILL R-NIPPLE DEPTH @ 6003 FT PASS BELOW AND TAG 6036". POH, L/D SAME. >> RIH W/3.75" GC TILL R-NIPPLE DEPTH @ 6003 FT TAG. POH, L/D SAME. >> RIH W/4-1/2" MECHANNICAL PERFORATOR ATTEMPT MANY TIMES TO PASS TRSSSV AT 245 FT NO SUCCESS, POH, L/D SAME. >> FLUSH TUBING WITH 30 BBLS 67 PCF CACL2. >> RIH W/3.8 GC AND PASS TRSSSV, POH, L/D SAME. >> RIH W/ 4-1/2 MECHANICAL PERFORATOR ATTEMPT MANY TIMES TO PASS TRSSSV AT 245 FT NO SUCCESS, POH, L/D SAME. >> FLUSH TUBING WITH 30 BBLS 67 PCF CACL2. >> RIH W/ 4-1/2" RAZOR BLADE PUNCHER TO 5805 FT MD/0 DEG (MID OF 2ND JOINT ABOVE X-NIPPLE ABOVE PACKER). >> WAIT ON TIMER TO ACTIVATE PUNCH AT 5805 FT. POH, L/D SAME. GOOD INDICATION ON SURFACE.
0100 - 0400	3	0	POST	N	DCOM	CIRC	MPMP	RIG	17965	17965			BULLHEAD TCA VOLUME (TBG CLOSED) WITH 330 BBLS 67 PCF VISCOUS BRINE AT 6 BPM / 50 PSI. >> CLOSE TCA & BULLHEAD TUBING WITH 530 BBLS 67 PCF VISCOUS BRINE AT 6 BPM /50 PSI. >> STOP PUMP & OBSERVE WELL DEAD.
0400 - 0459	1	0	POST	N	DCOM	DTU	GAUG	NSL	17965	17965			S/L CONT. WORK AND RIH W/4-1/2" SLB SIMPLUG... ONGOING AT RPT.

Workover Objectives

Foreman Remarks

>> ODF CORRECTION = 4.66 FT
========== ARAMCO PERSONAL==========
>> FRANCIS JAY PURIFICACION RIG CLERK ID# 8046539 ON RIG SINCE AUG 4, 2025.
>> FCT ALI ALQAHTANI # 796796 ON LOCATION SINCE JAN 19, 2026.
========== RENTAL EQUIPMENT ==========
>> 3 X 150 BBL RAW WATER TANKERS#320/304/318- SNE ON LOCATION SINCE AUGUST 7, 2024.
>> RECIEVED 4-3/4" WFRD HYDR DRLG JAR S/N: 14001232 AT RIG SITE ON JANUARY 27 AT 6 PM.
========== ERP ========== ==========
>> 55 PASSENGER EMERGENCY ESCAPE BUS ON LOCATION.
>> STAGING AREA #1 (3.0 KM): N 27.00023 & E 49.17880 (3.00 KM NORTH- WEST).
>> STAGING AREA #2 (3.10 KM): N 27.02514 & E 49.21954 (3.10 KM SOUTH- EAST).
==========WELLS WITH CENTRALIZED MAIN CAMP==========
>> ABHD-181. ABHD-140. ABHD-166, ABHD-100
==========CURRENT LOCATION & ADJACENT WELLS STATUS==========
>> DRILLING SITE# FP10 HAS 3 X WELLS FDHL-120, FDHL-152 & FDHL-176 WERE SHUT IN & SECURED.
>> NO SIMOPS OPERATION INSIDE SITE.
>> ALL UPSTREAM LINES, HEADER LINES SECURED & BARRICADED.
==========NEXT LOCATIONS READINESS==========
>> FDHL-110: KOM DONE ON 12/22/2025; READINESS (100% FIELD SERVCES & 0% WELLSITE).
>> FDHL-108: KOM DONE ON 12/22/2025; READINESS (100% FIELD SERVCES & 0% WELLSITE).
>> FDHL-144 KOM DONE ON 01/04/2026; READINESS (0% FIELD SERVCES & 0% WELLSITE).
>> FDHL-106 KOM DONE ON 01/04/2026; READINESS (0% FIELD SERVCES & 0% WELLSITE).

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LIMITED MORNING REPORT

FDHL-120 WORKOVER-5 BI-90

01/23/2026 - 02/07/2026

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>> ABHD-132 KOM DONE ON 01/08/2026; READINESS (0% FIELD SERVCES & 0% WELLSITE).
>> ABHD-10 KOM DONE ON 01/08/2026 : READINESS (0% FIELD SERVCES & 0% WELLSITE).
>> ABHD-129 KOM DONE ON 01/14/2025; READINESS (100 % FIELD SERVCES & 0% WELLSITE).
>> ABHD-105: KOM DONE ON 09/24/2025; READINESS (0% FIELD SERVCES & 0% WELLSITE).
==========DRILLS & OBB==========
>> REPORTED IN ORBITS: 30 OBB.
>> DRILLS PERFORMED:
==========
>> DAILY DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): 28 BBLS & CUMMULATIVE FOR THE MONTH OF JAN, 2026 = 731 BBL.
>> DAILY POTABLE WATER CONSUMPTION FOR (RIG+CAMP): 131 BBLS & CUMMULATIVE FOR THE MONTH OF JAN, 2026 = 3257 BBL.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	0API	0	0 Volts	0	9.5	60,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
45	0	0	2	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	0API	0	0 Volts	0	9.5	60,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
45	0	0	2	0 / 0	0	0	0

MUD TREATMENT

XC	SAFE-SCAV	CACL2-80	CAOH2
6 (50LB)	2 (DRUM)	19 (2200L)	2 (50KG)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	CALM	N/A	COLD	6,313	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	SCB	OTH	SCC	RIG	OES	RUE	ARN	ARM	NSL	PW	BAL
Category	BRCR	VAC	CTRG	RIG	DFMS	H2S	OTHR	WSC	SLS	ISPCT	ALS
No. of Persons	1	3	13	60	1	1	1	2	4	4	5
Personnel on Loc. Hrs.	17	24	24	24	24	24	24	24	24	17	17
Operating Hours.	0	12	0	24	12	12	12	24	20	0	0

Total
95

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
PICK UP B-925	3EA SNE RAW WTR TRUCKS	DIESEL RIG RMAINING = 184	WTR RIG REMAINING = 249 B	GASOLINE = 7550 L

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	
OK		Reporter
Computer, Communication & V-Sat Issues		

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MHWZ-25 EXPLORATION DRILLING-1 BI-3300

06/03/2025 - 02/23/2026

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SINO-18 @ MHWZ-25 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SINO-18 Well MHWZ-25 Wellbores: (0-2-2) MHWZ_25_4	Charge #: (75-24644-0025) Wellbores: (0-2-2) MHWZ_25_4	Objective : (ARAMCO TRANSITION MINERALS - BRINE EXPLORATION AND DEVELOPMENT PROGRAM)	Foreman(s) HAMDI, BELKHIR / GUERFI, ABDELHAKEM / BENTIRECHE, LAMINE Engineer FADTARE, ASHISH Manager OTAIBI, GHANNAM ABDULHADI THURAYA 0088216777 12582 / RIG FORMAN VSAT 5776159 / CONTRACTOR /CLERK VSAT 577-6166

Last 24 hr operations	Next 24 hr plan
CONT. RIH ESP UPPER COMPLETION ON 5-1/2" TBG, PERFORM S/L DRIFT RUN.	CONT S/L DRIFT. RIH ESP UPPER COMPLETION ON 5-1/2" TBG, STING IN & SPACE OUT,M/U TBG HGR, LAND TBG HGR, P/T TCA & TBG, SET ME PLUG, INSTALL BPV, N/D BOP.

Location	Next Location
HARADH-ALKHARJ ROAD, REACH GHAZAL BRIDGE, TAKE RIGHT DRIVE 23KM BLACKTOP & 45 KM SKID ROAD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
18,310	9 5/8	10443	10443	7	7,702	11,197	10,341

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
18310	239.2 (06/02/2025@2300)	0	0	266	456

Formation Tops

Formations	Top Depth	Comments
MRRT	8,650	6' SHALLOWER (8635' TVD)
MNJR	8,908	6' SHALLOWER (8875' TVD)
JILH	10,047	14' SHALLOWER (9817' TVD)
JLDM	10,787	5 FT SHALLOWER (10232TVD).

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1600	11	0-2-2	EOW	C	COMP	RPCS	SPCOM	SPR	18310	18310	1270	4166	RIH ESP UPPER COMPLETION ON 5-1/2" TBG 20#, VM-95HCS, VAM TOP HC TO 4,166 ' (TOTAL 78 /178 JT'S) - CHECK ESP CABLE ELECTRICAL CONNECTIVITY EVERY 1000 FT. - INSTALL CABLE CLAMP AT EACH COUPLING. - ALL CONNECTIONS MONITORED WITH JAM UNIT. - FILL UP THE WELL FROM BACK SIDE W/ 73 PCF BRINE @ 1 BPM.
1600 - 1730	1.5	0-2-2	EOW	C	COMP	DTU	DRFT	SLL	18310	18310			R/U SLB S/L BOP & LUBRICATOR, P/T @ 1000 PSI, DRIFT 5-1/2" TBG WITH 4.653" TO 3036 FT. POOH. POOH AND R/D. - FILL UP THE WELL FROM BACK SIDE W/ 73 PCF BRINE @ 1 BPM.
1730 - 0400	10.5	0-2-2	EOW	C	COMP	RPCS	SPCOM	SPR	18310	18310	4166	7161	RIH ESP UPPER COMPLETION ON 5-1/2" TBG 20#, VM-95HCS, VAM TOP HC TO 7,161 ' (TOTAL 155 /178 JT'S) - CHECK ESP CABLE ELECTRICAL CONNECTIVITY EVERY 1000 FT. - INSTALL CABLE CLAMP AT EACH COUPLING. - ALL CONNECTIONS MONITORED WITH JAM UNIT. - PASS CAREFULLY THROUGH 9-5/8" DVT@4664'. - FILL UP THE WELL FROM BACK SIDE W/ 73 PCF BRINE @ 1 BPM.
0400 - 0459	1	0-2-2	EOW	C	COMP	DTU	DRFT	SLL	18310	18310			R/U SLB S/L BOP & LUBRICATOR, P/T @ 1000 PSI, DRIFT TBG WITH 4.653" TO 3234 FT. POOH. POOH AND R/D .. ONGOING @ RT. - OFFLINE OPERATION : R/U SLB TESTING EQUIPMENT : 90% - FILL UP THE WELL FROM BACK SIDE W/ 73 PCF BRINE @ 1 BPM. - TOTAL BRINE LOSSES DAILY: 1,460 BBL/ CUMUL: 31,192 BBL.

Foreman Remarks

ATM OBJECTIVE: MIHWAZ-25 IS A MULTI-LATERALS WATER EXPLORATORY WELL TARGETING JDLM FORMATION AND WILL BE COMPLETED WITH ESP PUMP ON 4-1/2" COMPLETION.
========= ESTIMATED GEOLOGICAL HORIZONS INFORMATION =========
- 30" CASING PLANNED AT 115', ACTUAL AT 115'. (65 PCF SPUD MUD)
- 24" CASING PLANNED AT 553', ACTUAL AT 660 ' (50' INTO ARUMA- 65 PCF SPUD MUD)
- 18-5/8" CASING PLANNED AT 1,400', ACTUAL AT 1520' (50' INTO AHMADI- 66 PCF NACL POLYMER MUD)
- 13-3/8" CASING PLANNED AT 4,934', ACTUAL AT 4950' (50' INTO HITH- 69 PCF NACL POLYMER MUD)
- 9-5/8" CASING PLANNED 10,409', ACTUAL AT 10450' , (50' INTO BASE JILH DOLOMITE "BJDM"-80 PCF NACL POLYMER MUD).
- 7" LINER PLANNED AT 13,839', ACTUAL AT 13,950', (400' INTO KHUF-D ANHYDRITE "KFDA").(136 PCF OBM)
- 4-1/2" LINER PLANNED AT 14,679', ACTUAL AT 14690', (106 PCF OBM), PBTD.
================= WHIPSTOCK INFORMATION============================
- 9-5/8" WPSTK#1: TOW: 9,389' / BOW: 9,403' / BTM OF WPSTK: 9,415' / COLLAR BTM: 9,417' - PILOT HOLE ABANDON CMT PLUG TOC @ 9290'.
- 9-5/8 WPSTK#2: TOW: 8,200'/BOW: 8,214'/ BTM OF WPSTK: 8,225' / BTM: 8,227' DRLD 8-3/8" HOLE T/11200' & RUN 7" LNR, DRLD 5-7/8" SECTION T/18800' "TD"
- 7 " WPSTK#3: TOW: 10,916' / BOW: 10,926' / BTM OF WPSTK: 10938'. 5-7/8" SECTION TD @ 18400 FT.
7 " WPSTK#4: TOW: 10,835' / BOW: 10,845' / BTM OF WPSTK: 10856'. 5-7/8" SECTION TD @ 18310 FT.
================JOURNEY MANAGEMENT ============
- HAVE A JOURNEY MANGEMENT PLAN PRIOR TO LEAVING TO RIG.
- MAKE SURE YOUR VEHICLE HAS ENOUGH FUEL, CAR SURVIVAL KIT & ENOUGH DRINKING WATER.
- NIGHT DRIVING IS NOT RECOMMENDED - NEED UPPER MANAGEMENT APPROVAL.
- RIG LOCATION: 456 KM F/DMG GATE TOWARD HARAHD, TURN RIGHT @ HARADH JUNCTION, DRIVE TOWARD KHARJ UNTIL REACH GHAZAL BRIDGE, TAKE
- RIGHT THEN DRIVE 20 KM THRU BLACK TOP THEN TURN RIGHT, DRIVE 3.9KM BLACK TOP THEN TURN LEFT & FOLLOW RIG SIGNS ON THE SKID ROAD(42.2 KM).
- NO MOBILE SIGNAL IN SKID ROAD, CALL RIG FOREMAN (013-5776159) OR RIG CLERCK (013-5776166) BEFORE ENTERING SKID ROAD.
- STAY TO THE RIGHT ON ALL HILLS WHILE DRIVING IN AND OUT ON SKID ROAD.
============= HSE =================
1.SHARE AND DISCUSS HSE ALERT 08-26 - ROUSTABOUT ANKLE TWISTED;HSE ALERT 09-26 - TRUCK ROLLOVER.
2.DISCUSSE ABOUT THE CURRENT OPERATION WITH ESP & ASSOCIATED WITH HAZARDS. PRECAUTION THE CABLE AND OBSTACLE INTO THE HOLE.
3.ENHANCE JOB SUPERVISION AND DISCUSSION OF CRITICAL/COMBINED TASK.
4.SHARED THE UNSAFE OBSERVATIONS AND IMPLEMENTED SWA WITH CREW.

LIMITED MORNING REPORT

MHWZ-25 EXPLORATION DRILLING-1 BI-3300

06/03/2025 - 02/23/2026

5.SHARE THE REEL-SAFE 03-26 CATWALK LIFTING POINT FAILURE.
========== ARAMCO POB ==========
- ARAMCO ME, ALI ALHARETH #8532126 ON LOCATION SINCE 01/12/26.
- ARAMCO EDD HSE ADVISOR ELMER BULA #8875414 ON LOCATION SINCE 01/21/2026.
- ARAMCO DRILLING ENG. FADTARE ASHISH # 896816 ON LOCATION SINCE 01/23/2026.
==========SERVICE PERSONNEL==========
- OES MUD ENG ON LOCATION - MONTHLY.
- BAKER FRAC TANKS CREW ON LOCATION SINCE 12-26-2025.
- SLB SWT SURFACE EQT & CREW ON LOCATION SINCE 02 JAN, 2026. R/U TESTING SURFACE EQUIPMNT : 90%
- RAWABI FILTRATION CREW ON LOCATION SINCE 09 JAN, 2026.
- HALL COMPLETION CREW ON LOCATION SINCE 1/20/2026
- SAPESCO TRS CREW ON LOCATION SINCE 1/20/2026
- INTEWELL ENG ON LOCATION SINCE 1/21/26
- SLB ESP COMPLETION CREW ON LOCATION SINCE 1/23/2026.
- CAM WELLHEAD ENG ON LOCATION SINCE 1/24/2026
- SINPOEC H2S MONITOR SYSTEM ON LOCATION SINCE 1/24/2026
- TAQA NITROGEN OPERATOR ON LOCATION SINCE 1/26/26
- GEOLOG LAB & CREW ON LOCATION SINCE 1/26/26
========== RENTAL TOOLS==========
- RAC EQ. FOR SKID ROAD REPAIR DRSS# 1004787981- MONTH: JAN 2026.
- 01 DUMP TRUCK DRSS# 3000359685 - MONTH: DEC 2025.
==========ATM REQUIREMENT ==========
- CONSTRUCTION TWO WATER PIT WITH A HOLDING CAPACITY OF AROUND 50,000 BBL AS PER ATM.
==========NEXT LOCATION==========
- WELL: MHWZ-49 - READINESS: 70 %.
- WATER WELL: MHWZ-812/813.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-2-2	18,310	90	189	0	10,362	-2641.46	-157.59	8,681.63	0.23

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	0	0API	0	0 Volts	0	0	144,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	0	6	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
73 PCF	0	0API	0	0 Volts	0	0	143,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	0	6	0 / 0	0	0	0

MUD TREATMENT

CACL2-80	CAOH2
52 (2200L)	6 (25KG)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	01/23/2026	N/A	N/A	SEASONAL	6,638	DAILY TOUR MEETING.

PERSONNEL AND SERVICES INFORMATION

Company	RO1	INW	SPR	TGC	HCO	BR1	RIG	OES	RTF	SNS	RIG	RIG	ARM	SCP	OTH	SLL	BST	SJT	ARM	HTS
Category	MLS	BRCR	CSR	CTRG	PSSC	RINS	RIG	DFMS	FILT	H2S	MED	OTHR	OTHR	PDHMS	RENT	SLS	SFS	SFS	WSC	WTDS
No. of Persons	1	1	7	15	1	1	56	1	3	2	1	5	3	8	1	3	1	2	3	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	0	24	0	24	24	24	24	24	12	12	24	24	24	24	0	24	24

Total 132

Company	SWT	CAM
Category	WTSE	WHES
No. of Persons	13	1
Personnel on Loc. Hrs.	24	24
Operating Hours.	0	0

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
DH-4880	4X4 AMBULANCE	COASTER BUS	SINO P/U

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX

LIMITED MORNING REPORT

MHWZ-25 EXPLORATION DRILLING-1 BI-3300

06/03/2025 - 02/23/2026

	N/A	N/A	291	107	N/A	300
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					
	EMERGENCY DESKTOP RADIO NOT WORKING DUE TO NO AREA COVERAGE. LEO SATELLITE SYSTEM OUT OF SERVICE					

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Username: YUAYANAL
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Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-1450 WORKOVER-2 BI-60

01/12/2026 - 02/12/2026

أرامكو السعودية
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SINO-19L @ UTMN-1450 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig
SINO-19L

Well
UTMN-1450

Wellbores:
(0-2) UTMN_1450_2
(0) UTMN_1450_0

Charge #:
(71-25057-1450)

Wellbores:
(0-2) UTMN_1450_2
(0) UTMN_1450_0

Objective : (SIDETRACK THE WELL AS A SINGLE LATERAL OIL PRODUCER ACROSS ARAB-D ZONE-2 RESERVOIR.)

Foreman(s) ZEKOUR, NOUREDDINE / ELZAWAWY, MOHAMED ABDELRAHMAN
Engineer CHE JAFFAR, NOOR CHOZIN ALI
Manager SAEGH, ABDULLAH SULIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-88-216- 777-128-04	(013) 577- 9603/05	(013) 813- 7243 WFD D SV

MOBILE
055-330-40 61 RIG MGR

Last 24 hr operations
M/U & RIH WFD 7" W'STOCK, ORIENT & SET SAME, CUT WINDOW, DRILL RATE HOLE, CHC, F/C, POH & L/D MILLING BHA, JET BOP, M/U & RIH WFD 6-1/8" MTR/MWD DRLG BHA.

Next 24 hr plan
CONT RIH WFD 6-1/8" MTR/MWD DRLG BHA, ORIENT SAME, KICK OFF & DRILL 6-1/8" CURVE SECTION.

Location
151.8 KM FROM DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,312	7	5687	5687				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
5296	9.5 (01/18/2026@1700)	100	7	152	183

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	POST	N	WH	SET	WBSH	RIG	5325	5325			HPJSM, M/U & RIH 11" CIW WEAR BUSHING. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0530 - 0730	2	0	POST	N	TINL	HT	BHA	RIG	5325	5325			HPJSM, M/U WFD 7" WHIPSTOCK ASSY AS FOLLOWS:- > 5-1/2" QC RHN WHIPSTOCK + 6-1/8" LEAD MILL + 6-1/8" FLEX MILL + 3-1/2" HWDP + 4-3/4" FLOAT SUB + 4-3/4" UBHO SUB + CROSSOVER (3-1/2" IF PIN X 4" XT-39 BOX). > WFD DD ALIGNED WHIPSTOCK FACE W/ UBHO HIGH SIDE. > GAUGED ALL MILLS BEFORE RIH. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0730 - 1130	4	0	POST	N	TINL	ST	STDP	RIG	5325	5325	50	5312	RIH AT CONTROLLED SPEED WITH 7" WHIPSTOCK ASSY. ON DRIFTED 4" DP/HWDP'S TO SETTING DEPTH 5312 FT (BOTTOM OF WHIPSTOCK). > P/U & M/U 6 JTS X 4" HWDP FROM RACK WHILE RIH. > DRIFTED ALL DP/HWDP'S WITH 2.25" DRIFT. > PASSED CAREFULLY 7" TIE-BACK AREA. > FILL STRING EVERY STAND WITH NON-SEAL WELDED HOSE. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
1130 - 1400	2.5	0	POST	N	TINL	SURV	GYRO	NGS	5325	5325			HPJSM, R/U GYRO SHEAVES & M/U GYRO TOOL, RIH TILL LANDED IN UBHO, ORIENT WHIPSTOCK TO 91 DEG. AZIMUTH, POOH TO SURFACE, R/D GYRO TOOLS & SHEAVES. > CONFIRMED WHIPSTOCK ORIENTATION WITH THREE GYRO READINGS. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
1400 - 1430	0.5	0	POST	N	TINL	SET	WPSTK	WWD	5325	5325	5312	5312	HPJSM, SET WFD 7" WHIPSTOCK, PUMP W/350 GPM FOR 5 MIN, CONFIRMED SETTING W/ 20 KLBS SOW & 20 KLBS OVER PULL, SHEARED OFF SHEAR BOLT W/ 36 KLBS SOW, FULLY ENERGIZE SLIPS W/ 45 KLBS SOW. > TOW @ 5296 FT, BOW @ 5305 FT, BOTTOM OF WHIPSTOCK @ 5312 FT.
1430 - 1630	2	0	POST	N	TINL	MILL	MILL	WFS	5325	5325	5296	5305	SET MILLING PARAMETERS, MILL & CUT WINDOW IN 7" CSG F/ 5296 FT (TOW) T/ 5305 FT (BOW) W/ 87 PCF MILLING FLUID & 100% RETURNS. > PARAMETERS : WOM: 3-15 KLB, FR: 280 GPM, SPP: 1300 PSI, 100 RPM & TQ: 1.5- 3.0 KFT-IB > PUMPED 15 BBLS HI-VIS SWEEPS EVERY MILLED FOOT. > INSTALLED TWO MAGNETS ON SHALE SHAKERS AND ONE ON DITCH LINE, CLEANED EVERY 30 MINS.
1630 - 1630	0	0-2	6 1/8	S	OT	TINL	NA	RIG	5305	5305			TIE-IN NEW LATERAL L-0-2 AT 5305 FT.
1630 - 1830	2	0-2	6 1/8	N	DRLG	DO	NA	WFS	5305	5312	5205	5312	DRILL 7 FT RAT HOLE F/ 5305 FT (BOW) T/ 5312 FT (KOP) W/ 87 PCF MILLING FLUID & HI-VIS PILLS, 100% CIRC. > OPENED WINDOW ACROSS SULAIY FORMATION. > PARAMETERS : WOM: 3-15 KLB, FR: 280 GPM, SPP: 1300 PSI, 100 RPM & TQ: 1.5- 3.0 KFT-IB > PUMPED 15 BBLS HI-VIS SWEEPS EVERY 1 FT.
1830 - 1930	1	0-2	6 1/8	N	MILL	OTH	NA	WFS	5312	5312			WORKED & REAMED THRU WINDOW SEVERAL TIMES & CHECKED FREE ACCESS WITHOUT ROTATION, PUMPS ON & OFF- OK.
1930 - 2030	1	0-2	6 1/8	N	MILL	CIRC	MPMP	RIG	5312	5312			SWEPT HOLE WITH 50 BBLS HI-VIS PILL LOADED W/ SUN SWEEP, CHC WITH 87 PCF MILLING FLUID AT 300 GPM & 1500 PSI. > TOTAL RECOVERED METAL JUNK FROM SURFACE MAGNETS = 32 KG.
2030 - 2100	0.5	0-2	6 1/8	N	MILL	CIRC	MPMP	RIG	5312	5312			FLOW CHECK, WELL STATIC.
2100 - 2115	0.25	0-2	6 1/8	N	MILL	TO	STDP	RIG	5312	5312	5312	4800	HPJSM, POOH WFD MILLING ASSY ON 4" DP/HWDP (FIRST 5 STDS) F/ 5312 FT T/

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LIMITED MORNING REPORT

UTMN-1450 WORKOVER-2 BI-60

01/12/2026 - 02/12/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													4800 FT. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
2115 - 2130	0.25	0-2	6 1/8	N	MILL	CIRC	MPMP	RIG	5312	5312			FLOW CHECK, WELL STATIC.
2130 - 2315	1.75	0-2	6 1/8	N	MILL	TO	STDP	RIG	5312	5312	4800	550	CONT POOH WFD MILLING ASSY ON 4" DP/HWDP F/ 4800 FT T/ 550 FT (5 STD'S BEFORE BHA). > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
2315 - 2330	0.25	0-2	6 1/8	N	MILL	CIRC	MPMP	RIG	5312	5312			FLOW CHECK, WELL STATIC.
2330 - 2345	0.25	0-2	6 1/8	N	TINL	TO	STDP	RIG	5312	5312	550	0	CONT POOH WFD MILLING ASSY ON 4" DP/HWDP F/ 550 FT TO TOP OF BHA. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
2345 - 0000	0.25	0-2	6 1/8	N	TINL	CIRC	MPMP	RIG	5312	5312			FLOW CHECK, WELL STATIC.
0000 - 0030	0.5	0-2	6 1/8	N	MILL	HT	MILL	WFS	5312	5312			CONT. POOH WFD MILLING ASSY TO SURFACE AND L/D MILLING ASSY. > LEAD MILL - 1/16" UG . FLEX MILL - FG. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0030 - 0130	1	0-2	6 1/8	N	WH	SET	WBSH	RIG	5312	5312			HPJSM, RETRIEVE 11" CIW WEAR BUSHING, P/U JETTING TOOL & JET BOP AT HIGH RATE, INSTALLED 11" CIW WEAR BUSHING.
0130 - 0430	3	0-2	6 1/8	N	DRLG	HT	BHA	WDS	5312	5312			HPJSM, P/U & M/U 6-1/8" WFD MTR/MWD DIR ASSY (6-1/8" NEW PDC BIT, GAUGE EXTENDER, 5" WFD MTR, 4-3/4" NMDC, 4-3/4" HEL MWD, 4-3/4" PONY NMDC, 4-3/4" FLOAT SUB, 4-3/4" FILTER SUB, UBHO SUB, X/O, 2 JTS 4" HWDP, 4 3/4" DRLG JAR, 3 JTS 4" HWDP). > 6 1/8" NEW PDC BIT (TYPE: SKR-613M-3D, SN: S323217, JETS 3 X 14). > 5" WFD HYPERLINE 250 MOTOR 6/7 LOBE 8 STG/ 0.8 REV/GAL / 1.5 DEG MOTOR BEND. > ALIGNED MUD MOTOR/MWD & PERFORMED SHALLOW TEST W/ 87 PCF WBM @ 180 GPM/ 630 PSI & @ 200 GPM/ 750 PSI, GOT GOOD SIGNAL. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.
0430 - 0459	0.5	0-2	6 1/8	N	DRLG	LDP	SPDP	RIG	5312	5312	278	920	RIH W/ 6-1/8" WFD MTR/MWD DRLG BHA ON 4" DP WHILE P/U 4" D/P'S FROM RACK TO 920 FT. > P/U & M/U 21 JTS X 4" D/P'S FROM RACKS. > KEEP MONITORING WELL THRU TRIP TANK, WELL STATIC.

Workover Objectives

Foreman Remarks

> ODF + -10.5 FT.
> TOW : 5296 FT , BOW : 5305' FT & KOP : 5312 FT.
----------DIRECTIONAL DATA ----------
> 5" WFD HYPERLINE 250 MOTOR 6/7 LOBE 8.0 STG/ 0.8 REV/GAL / 1.5 DEG MOTOR BEND.
> SENSOR OFFSETS: DIRECTIONAL: 44.13 FT & GAMMA: 48.25 FT.
> DIRECTIONAL PLAN # 2 UTMN-1450_L-0-2 DATED 09/17/2025.
----------SAFETY ----------
>> HELD DAILY SAFETY/ OPERATIONAL MEETINGS WITH ALL INVOLVED PERSONNEL.
----------ARAMCO PERSONNEL ----------
>> NONE.
---------- LSTK PERSONNEL ----------
>> WFD DSV DAY: AHMED ALI, NIGHT: AYMAN EL-BADRY, HSE : ABDELMOHSEN.
---------- ------NEXT LOCATION ----------
>> UTMN-512 KOM HELD ON 11/27/2025, STRIP OUT 100% , LOCATION READINESS 45%.
----------WELLS WITH CENTRALIZED MAIN CAMP----------
>> N/A.
---------- RIG VISITS ----------
>> REDOUANE LAHOUATI, WFD OPERATION SUPT. ON LOCATION.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	6.23	10	258,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	79	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	0	21	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
87 PCF	0	0API	0	0 Volts	6.23	9.5	258,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	79	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	0	21	0 / 0	0	0	0

MUD

LIMITED MORNING REPORT

UTMN-1450 WORKOVER-2 BI-60

01/12/2026 - 02/12/2026

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TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	4	1	4	3.24	31.67	2,333.54	XT39	XT39	15.7	113,716.998	G105	PREM	
15	Heavy Weight Drillpipe (HWDP)	RIG	4	45	4	2.562	1,372.2	2,301.87	XT39	XT39	26.24	113,219.779		CONV	
14	Drillpipe	RIG	4	21	4	3.34	663.3	929.67	XT39	XT39	14	77,213.251	G105	PREM	
13	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.563	91.48	266.37	XT39	XT39	25.19	67,927.051		CONV	
12	Hydraulic Jar	WJS	4.75	1	4.75	2.25	30.62	174.89	NC46	NC46	1,200	65,622.67			1420-1645
11	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.562	61.49	144.27	XT39	XT39	28.46	28,878.67		CONV	N/A
10	Crossover	RIG	4.75	1	4.75	2.25	2.51	82.78	NC38	XT39	3.973	27,128.664			2207485
9	UBHO Sub	WDS	4.75	1	4.75	2.25	3	80.27	NC38	NC38	3.824	27,118.692			UB47511
8	FIlter Sub	WDS	4.75	1	4.75	2.125	5.71	77.27	NC38	NC38	3.664	27,107.22			SDT-18659
7	Float Sub	WDS	4.625	1	4.625	2.25	1.71	71.56	NC38	NC38	3.515	27,086.298			10785857-1-6
6	Non Magnetic Drill Collar (NMDC)	WDS	4.75	1	4.75	2.25	9.09	69.85	NC38	NC38	3.461	27,080.288		SPRL	58765
5	Measurement While Drilling (MWD)	WDS	4.75	1	4.75	1.25	21.48	60.76	3-1/2 IF	3-1/2 IF	50.1	27,048.827			AK260073
4	Non Magnetic Drill Collar (NMDC)	WDS	4.75	1	4.75	2.25	9.1	39.28	NC38	NC38	1.623	25,972.679		SPRL	58762
3	Mud Motor	WDS	5	1	5		29.19	30.18			889	25,957.91			475-77583
2	Near Bit Stab.	WDS	6.125	1	4.75	2.25	0.4	0.99	3 1/2 REG	3 1/2 REG	20	8			98955189-1-2
1	Bit	REED	6.125	1	6.125	0.7	0.59	0.59	3-1/2" REG			0			S323217

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	YES	12 KM/HR N/E	N/A	SEASONAL	5,731	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RIG	WWD	WDS	RIG	GDF	MJH	TK4	NGS	OTH	TK4	ARM
Category	CTRG	WPSTK	DPDS	RIG	DFMS	SEC	OTHR	ISS	VAC	WSC	WSC
No. of Persons	15	1	3	54	1	8	4	2	6	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	6	24	12	0	12	12	12	24	24

Total
98

TRUCKS/BOATS

Standby/Tankers
PICK-UP B-847

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	450

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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ABQQ-551 WORKOVER-2 BI-60

12/21/2025 - 02/06/2026

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SINO-1L @ ABQQ-551 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SINO-1L	(71-25050-0551)	(SIDETRACK THE WELL AS A SINGLE LATERAL OIL PRODUCER ACROSS HANIFA (HNIF) RESERVOIR.)	MOHAMED, ABDELRAHMAN SAMI / ZAHRAN, NASSER HASSAN ROMERO RINCON, DAVID LUIS SAEGH, ABDULLAH SULIMAN
Well: ABQQ-551	Wellbores: (0-1-1) ABQQ_551_2		
Wellbores: (0-1-1) ABQQ_551_2			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 698	013-578-42 78	013-502-39 66 MEDIC
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
013-813-72 50 WFD DSV	013-502-39 66 RIG MGR	

Last 24 hr operations
RUN WFD PCL CALIPER LOG ON D/P TO TD, CHC TO LOSS ZONE, DROP DART, DEPLOY LOGGING TOOLS, LOG UP TO 10300', POOH, L/D CALIPER LOG TOOLS.

Next 24 hr plan
RUN 6-1/8" STIFF REAMING BHA TO TD, CHC TO LOSS ZONE, SPOT LUBRICANT PILL, POOH, M/U & RIH (BAKER / WFD) 4-1/2" LOWER COMPLETION.

Location
65 KM FROM DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,550	9 5/8	5183		7	5,082	9,702	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14550	28.2 (12/30/2025@2300)	0	0	65	65

Formation Tops

Formations	Top Depth	Comments
JUBL	9,896	7008' TVD , 7 FT DEEPER
UHFR	10,515	7028' TVD , 6 FT DEEPER
HR01	10,675	7031.5' TVD , 7.5 FT DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0830	3.5	0-1-1	EOW	E	LOG	OTH	NA	RIG	14550	14550			CONT. RIH WFD PCL CALIPER/GR LOGGING TOOLS WHILE P/U 4" D/P FROM PIPE RACKS TO DEPTH 8029'. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE, WELL ON TOTAL LOSSES.
0830 - 1430	6	0-1-1	EOW	E	LOG	TI	STDP	RIG	14550	14550	8029	14550	RIH WFD PCL CALIPER/GR LOGGING TOOLS ON 4" / 5" DP, WASH DOWN LAST STAND TO TD @ 14550' (OPEN HOLE IN GOOD CONDITION). - DRIFTED 4" DP/ HWDP STANDS W/ 2.25" DRIFT. - FILL UP STRG & BREAK CIRC EVERY 20 STANDS. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
1430 - 1530	1	0-1-1	EOW	E	LOG	CIRC	MPMP	RIG	14550	14550			SPACE OUT, CIRC. STRING VOLUME TO LOSS ZONE, DROPPED DART, PUMP DOWN STRG, DEPLOYED LOGGING TOOLS WITH CLEAR PRESSURE INDICATION.
1530 - 2030	5	0-1-1	EOW	E	LOG	LOG	WLT	WWL	14550	14550	14520	10300	CONTROLLED SPEED POOH WHILE WFD RECORDING CALIPER LOG IN MEMORY MODE FROM 14520' TO 10300'. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
2030 - 2100	0.5	0-1-1	EOW	E	LOG	TO	STDP	RIG	14550	14550	10300	9205	CONT. POOH WFD CALIPER LOGGING TOOLS TO CSG WINDOW @ 9205'. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
2100 - 2130	0.5	0-1-1	EOW	E	LOG	WCNT	NA	RIG	14550	14550			FLOW CHECK, WELL ON TOTAL LOSSES. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
2130 - 2200	0.5	0-1-1	EOW	E	LOG	HT	WLT	WWL	14550	14550			CHANGED POWER TONG & HANDLING TOOLS TO 4".
2200 - 0000	2	0-1-1	EOW	E	LOG	TO	SPDP	RIG	14550	14550	9205	5183	CONT. POOH WFD CALIPER LOGGING TOOLS TO TOP OF 7" LINER @ 5183'. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
0000 - 0015	0.25	0-1-1	EOW	E	LOG	WCNT	NA	RIG	14550	14550			FLOW CHECK, WELL ON TOTAL LOSSES. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
0015 - 0200	1.75	0-1-1	EOW	E	LOG	TO	STDP	RIG	14550	14550	5183	660	CONT. POOH WFD CALIPER LOGGING TOOLS TO 5 STANDS ABOVE BHA. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
0200 - 0215	0.25	0-1-1	EOW	E	LOG	WCNT	NA	RIG	14550	14550			FLOW CHECK, WELL ON TOTAL LOSSES. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
0215 - 0230	0.25	0-1-1	EOW	E	LOG	TO	STDP	RIG	14550	14550	660	0	CONT. POOH WFD CALIPER LOGGING TOOLS LAST 5 STDS TO TOP OF BHA. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
0230 - 0245	0.25	0-1-1	EOW	E	LOG	WCNT	NA	RIG	14550	14550			FLOW CHECK, WELL ON TOTAL LOSSES. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.
0245 - 0459	2.25	0-1-1	EOW	E	LOG	HT	WLT	WWL	14550	14550			L/D CALIPER LOGGING TOOLS & BHA, CONFIRMED DATA QUALITY & SENT SAME TO TOWN. - KEEP TRIP TANK RUNING WITH 60 BPH 76 PCF CACL2 BRINE INTO BACKSIDE.

Workover Objectives

Foreman Remarks

LIMITED MORNING REPORT

Username: YUAYANAL
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ABQQ-551 WORKOVER-2 BI-60

12/21/2025 - 02/06/2026

```
======================== WELL INFO ==================================
ODF CORRECTION: -11.4'
- 7" TOW @ 9205'
- 7" BOW @ 9214'
-TE @ 10675', LOSS ZONE @ +/- 10800 FT.
==========================S. ARAMCO POB ============================
>> DOECD FCC ABBDERREZEK MAYACHE ID #8620422 ON LOCATION SINCE JANUARY 26, 2026 FOR WCE& RHSEI.
==========================WFD LSTK POB ============================
>> WFD ISP DSV: ESSAM (DAY),AMR (NIGHT) & WFD HSE: AMER.
====================ARAMCO SERVICE ON LOCATION=====================
>> SINOPEC H2S STAND ALONE H2S DETECTOR ON LOCATION SINCE 12/26/2025.
========================== NEXT WELLS ============================
>> ABQQ-720, SWAPPED TO SINO-1L ON 1/25/2026 , STRIP-OUT 100%, WELL SITE 70% ( NEED TO REPAIR SKID ROAD & WELL LOCATION ).
>> HWYH-412 HELD ON 01/01/2026, STRIP OUT 90%, WELL SITE 0%, NEED W5.
>> HWYH-162, KOM DONE ON 01/20/2026, STRIP OUT 0%, WELL SITE 0%.
====================WELLS WITH CENTRALIZED MAIN CAMP=====================
>> N/A.
========================== RIG VISITS ============================
>> WFD HSE SR. ADVISOR SAAD LOUAI ON LOCATION.
>> WFD MUD ADVISOR MOHAMMED ATIAH ON LOCATION.
```

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1-1	14,550	90.3	28.2	0	6,957	2412.9	1116.74	8,723.07	0.12

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
76 PCF	0	0API	0	0 Volts	0	9.3	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
76 PCF	0	0API	0	0 Volts	0	9.5	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	0	0 / 0	0	0	0

MUD TREATMENT

CACL2-80	CAOH2	GLYCOL-MEG
88 (2200L)	6 (55LB)	1 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/13/2026	N/A	NORMAL	N/A	SEASONAL	1,571	N/A

PERSONNEL AND SERVICES INFORMATION

Company	WCS	WLH	SCC	RIG	GDF	SNS	TK4	TK4	ARM	WWL	BLH
Category	PSIE	LHES	CTRG	RIG	DFMS	H2S	OTHR	WSC	WSC	WLS	LHES
No. of Persons	2	1	13	59	1	1	2	2	2	4	2
Personnel on Loc. Hrs.	14	14	24	24	24	24	24	24	24	24	15
Operating Hours.	0	0	0	24	24	24	12	24	24	24	0

Total
89

TRUCKS/BOATS

Standby/Tankers	Others
PICK-UP E-940	SINO AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
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MNIF-666 WORKOVER-1 BI-90

01/19/2026 - 02/12/2026

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SINO-25 @ MNIF-666 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-25
Well: MNIF-666
Wellbores: (0) MNIF_666_0

Charge #: (61-25026-0666)
Wellbores: (0) MNIF_666_0

Objective : (F | REPAIR HIGH ANNULUS PRESSURE: USUALLY ASSOCIATED WITHWELLHEAD OR DOWNHOLE EQUIPMENT REPAIR OR CASING LEAK)

Foreman(s) BOWEN, JOHN RYAN / SHEHRI, ABDULRAHMAN HAYALLAH
Engineer SHAREKH, YACOB ABDULAZIZ
Manager MUTAIRI, NAIF MUTLAQ

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2340	379-5683	013-379-56 88
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
379-5685	379-5688	

Last 24 hr operations
P-TEST BOPE, RTRV ME PLUG, STING OUT SEAL, POOH OLD COMPLETION.

Next 24 hr plan
CONT' POOH OLD COMPLETION, C/O RUN, SET RTTS, WELLHEAD WORK.

Location
MNIF / DS-35.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
30,480	9 5/8	10828	7522	7	9,850	24,157	8,655

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
30480	4 (01/24/2026@0500)	0	0	213	213

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0800	3	0	POST	N	BOP	NU	BOP	RIG	30480	30480			HPJSM, N/U 13-5/8"-5K PSI CLASS-A BOP AND RELATED EQUIPMENT.
0800 - 1000	2	0	POST	N	BOP	OTH	RAMS	RIG	30480	30480			HPJSM. CHANGE TOP RAMS T/ 7".
1000 - 1300	3	0	POST	N	BOP	BOPT	BOP	RIG	30480	30480			HPJSM, PT BOPE & CHOKE MANIFOLD TO (300/3000 PSI) AS PER ARAMCO REQUIREMENTS.
1300 - 1700	4	0	POST	N	DCOM	RTRV	PLUGT	NSL	30480	30480			HPJSM, R/U NESR SL, PT LUB T/ 2000 PSI-OK. >RIH, JAR UP AND OPEN ME PLUG EQUILIZER, RTRV INTERWELL ME PLUG @ 200' / POOH. >> R/D NESR SL & LUBRICATOR. >> (FLUID LEVEL @ SURFACE) >>TUBING FULL 77 PCF BRINE AND STATIC. >>TCA FULL OF 77 PCF BRINE AND STATIC.
1700 - 1800	1	0	POST	N	DCOM	OTH	NA	RIG	30480	30480			HPJSM, M/U LANDING JOINT IN HANGER HANGER WITH FOSV. >> CONNECT TDS, BACKOUT TBG HANGER LOCKDOWN BOLTS.
1800 - 2300	5	0	POST	N	DCOM	OTH	NA	RIG	30480	30480			HPJSM, WORK & RELEASE SMITH SEAL ASSY W/ 155K OVER PULL. >> FLOW CHECK - TUBING FULL OF 77 PCF BRINE & STATIC. >> PULL TBG HGR ABOVE ROTARY TABLE.
2300 - 0100	2	0	POST	N	DCOM	CIRC	MPMP	RIG	30480	30480			PUMP 50 BBL HI VIS, CIRC AND CONDITION MUD IN/OUT WITH 77 PCF. >> FLOW CHECK, WELL STATIC. >> MEANWHILE, RIG UP ODFJ POWER TONG & 7" TBG HANDING TOOLS.
0100 - 0459	4	0	POST	N	DCOM	LDP	TBG	RIG	30480	30480	9836	7276	HPJSM, POOH & L/D OLD 7" COMPLETION TBG. >> KEEP MONITRING WELL ON TRIP TANK, WELL STATIC.

Workover Objectives

Foreman Remarks

> DIESEL CONSUMPTION FOR ENGINES (RIG + CAMP) =(DAILY: 38 BBLS / CUMULATIVE FOR MONTH OF JAN= 987 BBLS).
---------- POB ----------
> CHRISTOPHER JORGE BUENAVENTURA 8088593 ON LOCATION SINCE 01/13/2025.
> FTC ABDULLAZIZ ALSARHEDD 824596 ON LOCATION SINCE 1/19/2026.

----------SAFETY----------

> HOLD DAILY SAFETY MEETING WITH RIG CREW AND THIRD PARTIES.
> CONFINED SPACE RESCUE DRILL*1
----------ERP ----------
CONTINGENCY EQUIPMENT ON LOCATION AS PER ERP.
> STAGING AREA #1:N 27.8568110 , E 48.8264110 (2 KM).
> STAGING AREA#2: N 27.8392890 , E 48.8452200 (1.4 KM).
> 55 PASSENGER EMERGENCY ESCAPE BUS ON LOCATION.
> RAWABI H2S MONITORING PACKAGE ON LOCATION & CONTINUOUSLY MONITORING.
----------ADJACENT WELLS STATUS ----------
> NO SIMOPS OPERATION ON DS-35,(15 ADJACENT WELLS).
> ADJACENT WELLS ON DS-35: MNIF-668 / 665 / 669 / 673 / 370 / 371 / 374 / 375/ 667 / 672 / 671 / 670 / 372 / 369 / 373.
> ALL ADJACENT WELLS ARE SHUT-IN & ISOLATED, ALL X-TREE VLV & TRSSSV ARE CLOSED.
> ALL UPSTREAM LINES, HEADER LINES SECURED & BARRICADED.
---------- NEXT LOCATIONS READINESS ----------
> HELD KOM F/ MNIF-666 / DS-35 ON 07/29/2025 (FIELD SERVICES 100% / WELL SITE 100%).
> MNIF-377 / DS-36 ON 01/07/2026 (FIELD SERVICES 0% / WELL SITE 0%).
> MNIF-378 / DS-36 ON 01/07/2026 (FIELD SERVICES 0% / WELL SITE 0%).
> MNIF-382 / DS-36 ON 01/07/2026 (FIELD SERVICES 0% / WELL SITE 0%).
> MNIF-383 / DS-36 ON 01/07/2026 (FIELD SERVICES 0% / WELL SITE 0%).
---------- WELLS WITH CENTRALIZED MAIN CAMP ----------

Username: YUAYANAL
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LIMITED MORNING REPORT

MNIF-666 WORKOVER-1 BI-90

01/19/2026 - 02/12/2026

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> MNIF-371, MNIF-375, MNIF-666, MNIF-377, MNIF-378, MNIF-382, MNIF-383.
---------- STANDBY EQUIPMENT/CREW ON LOCATION----------

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	0	0API	0	0 Volts	0	9.5	201,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	83	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	17	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	0	0API	0	0 Volts	0	9.5	201,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	83	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
28	0	0	17	0 / 0	0	0	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	COLD	4,060	PJSM/PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	INW	OCS	TGC	RIG	BDF	RUE	TUB	ARM	NSL	OTH	ARM	AP5
Category	BRCR	CSR	CTRG	RIG	DFMS	H2S	ISPCT	OTHR	SLS	VAC	WSC	WLS
No. of Persons	1	3	16	65	1	2	3	2	3	3	2	8
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	12
Operating Hours.	24	6	0	24	12	24	0	12	12	0	24	0

Total
109

TRUCKS/BOATS

Standby/Tankers	Others	Others
arm pick up c-254	1 X RAW WTR TRUCKS	gasoline=11759 l

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	405	0	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
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Print Date: 01/28/2026 06:47
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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

05/31/2022 - 01/31/2026

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SINO-26 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-26
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (MOBILIZATION)

Foreman(s): KHAMIYEV, ELDAR / ALTHUBAITI, OMAR ABDULLATEEF / MUJAMMAMI, MOHAMMED HUSSAIN
Engineer: BAIKELOV, CHINGIZ
Manager: KHALDI, MOHAMMED SALEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 14281	(013)-572- 2799	(013)-673- 8578 (CLER K)

CONTRACTOR /CLERK VSA T: 0115001035 / EXT 149

Last 24 hr operations: WORK TO CLOSE DOECD PCI FINDINGS.

Next 24 hr plan: WORK TO CLOSE DOECD PCI FINDINGS.

Location: UTMN-3

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0	7	6224	6224	4 1/2	5,917	6,519	6,519

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL PERSONNEL RIG CREW DISCUSSED DAILY R/U OPERATIONS. - HIGHLIGHTED CRANE SAFETY, COMMUNICATION PROPER SIGNALS, FALL PROTECTION, PPE, SWA PTW & SAFETY PRECAUTIONS DURING RIG UP OPERATION.
0600 - 1030	4.5		PRE	M	MAIN	SDR1	NA	RIG					- WORK TO CLOSE DOECD PCI FINDINGS. - GENERAL HOUSEKEEPING.
1030 - 1100	0.5		PRE	M	MAIN	SDR1	NA	RIG					CONDUCT FIRE DRILL W/ MAN DOWN, GOOD RESPONSE FROM RIG CREW.
1100 - 1600	5		PRE	M	MAIN	RU	NA	RIG					- WORK TO CLOSE DOECD PCI FINDINGS. - GENERAL HOUSEKEEPING.
1600 - 1630	0.5		PRE	M	MAIN	SDR1	NA	RIG					CONDUCT H2S DRILL W/ MAN DOWN, GOOD RESPONSE FROM RIG CREW.
1630 - 0459	12.5		PRE	M	MAIN	RU	NA	RIG					- WORK TO CLOSE DOECD PCI FINDINGS ... ONGOING. - GENERAL HOUSEKEEPING. > WELL CONTROL PCI: - TOTAL FINDINGS: 30 ITEMS (OPEN 0 ITEM; CLOSED 30 ITEMS) - 100% COMPLIANT. - P1 = 3 ITEMS (CLOSED 3 ITEMS, OPEN 0 ITEM) - 100% CLOSED. - P2 = 27 ITEMS (CLOSED 27 ITEMS, OPEN 0 ITEM) - 100% CLOSED. - P3 = 0 ITEM. > SAFETY & ENVIRONMENT PCI: - TOTAL FINDINGS: 168 ITEMS (CLOSED 160 ITEMS, OPEN 8 ITEMS) - 95% CLOSED. - P1 = 11 ITEMS (CLOSED 11 ITEMS, OPEN 0 ITEMS) - 100% CLOSED. - P2 = 147 ITEMS (CLOSED 147 ITEMS, OPEN 0 ITEMS) - 100% CLOSED. - P3 = 10 ITEMS (CLOSED 2 ITEMS, OPEN 8 ITEMS) - 20% CLOSED. > OPERATION PCI: - TOTAL CHECKED ITEMS: 364 ITEMS (OPEN 0 ITEM; CLOSED 364 ITEMS) - 100% COMPLIANT. - P1 = 0 ITEM. - P2 = 0 ITEM. - P3 = 0 ITEM. - - RIG MOVE FROM SINO YARD TO WELL UTMN-3: 100% COMPLETED. - TOTAL RIG EQUIPMENT LOADS RECIEVED: 175 LOADS. - - RIG UP ON UTMN-3: 100%. - DAYS SINCE START MOBILIZATION: 45 DAYS. - - WELL UTMN-3 SECURED W/ 4-1/2" ME PLUG SET @ 500' BY PE.

Foreman Remarks

ARAMCO PERSONNEL ON LOCATION:
- ARAMCO ME GHAMDI, MUSTAFA ID# 819221 ON LOCATION SINCE 01/27/2026.

SAFETY DRILLS:
- CONDUCT H2S DRILL: 1.
- CONDUCT FIRE DRILL: 1.

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

05/31/2022 - 01/31/2026

DOECD PCI AUDIT:

> WELL CONTROL PCI:
- TOTAL FINDINGS: 30 ITEMS (OPEN 0 ITEM; CLOSED 30 ITEMS) - 100% COMPLIANT.
- P1 = 3 ITEMS (CLOSED 3 ITEMS, OPEN 0 ITEM) - 100% CLOSED.
- P2 = 27 ITEMS (CLOSED 27 ITEMS, OPEN 0 ITEM) - 100% CLOSED.
- P3 = 0 ITEM.

> SAFETY & ENVIROMENT PCI:
- TOTAL FINDINGS: 168 ITEMS (CLOSED 160 ITEMS, OPEN 8 ITEMS) - 95% CLOSED.
- P1 = 11 ITEMS (CLOSED 11 ITEMS, OPEN 0 ITEMS) - 100% CLOSED.
- P2 = 147 ITEMS (CLOSED 147 ITEMS, OPEN 0 ITEMS) - 100% CLOSED.
- P3 = 10 ITEMS (CLOSED 2 ITEMS, OPEN 8 ITEMS) - 20% CLOSED.

> OPERATION PCI:
- TOTAL CHECKED ITEMS: 364 ITEMS (OPEN 0 ITEM; CLOSED 364 ITEMS) - 100% COMPLIANT.
- P1 = 0 ITEM.
- P2 = 0 ITEM.
- P3 = 0 ITEM.

CONTRACTORS VISITS:
- SINO DS MR. WANG GAN ON LOCATION FOR PCI.

NEXT WELLS:
- UTMN-224: KOM CONDUCTED ON 14-JAN-2026. STRIP OUT 0%; LOCATION 0%.
- UTMN-533: KOM CONDUCTED ON 27-JAN-2026. STRIP OUT 0%; LOCATION 0%.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	8 KM/H SE TO NW	N/A	SEASONAL	2,428	RIG UP OPERATION.

PERSONNEL AND SERVICES INFORMATION

Company	RIG	RIG	EMC	RIG	ARM	OTH	ARM	
Category	CTRG	RIG	DFMS	OTHR	OTHR	VAC	WSC	
No. of Persons	15	47	1	7	1	4	3	Total 78
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	
Operating Hours.	0	24	12	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others
B839 (PM SERVICE 12/9/202	AMBULANCE	4 x WATER TANKERS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	11	N/A	1350

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

KHRS-321 WORKOVER-4 BI-90

01/27/2026 - 02/10/2026

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saudi aramco

SINO-27N @ KHRS-321 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-27N
Well: KHRS-321
Wellbores: (0-2) KHRS_321_3

Charge #: (61-25051-0321)
Wellbores: (0-2) KHRS_321_3

Objective : (3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s) DJADLI, FOUAD / HADDADI, BILAL
Engineer OKOCHA, ONYINYE STEPHEN / AALMAHFUZ, AHMAD SAMI
Manager SAUD, MAHER IBRAHIM

THURAYA	RIG FORMAN VSAT	MOBILE
0088216777 12549	(013)-577- 1438	0500536788 RIG MGR

CONTRACTOR /CLERK VSA T: (013)-673- 9917

Last 24 hr operations: R/D ON KHRS-349, RM AND RU ON KHRS-321.

Next 24 hr plan: R/D ON KHRS-349, RM AND RU ON KHRS-321.

Location: 248 KM FROM DHAHRAN MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,950	9 5/8	6331	5282	7	3,069	5,428	4,667

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
5950	0 (@)		0	248	248

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0-2	PRE	N	RM	PJSM	NA	RIG	5950	5950			HPJSM WITH RIG CREW, TRUCK PUSHER, RIGGERS -1, CRANE OPERATORS & DRIVERS, DISCUSS: - WORK AT HEIGHT HAZARD, HAND AND FINGER INJURY PREVENTION/ AWARENESS; JOB PLANNING AND SUPERVISION; LINE OF FIRE HAZARD, SLIPS, TRIPS AND FALL PREVENTION; FORKLIFT OPERATIONS SAFETY/USE OF FLAGMAN; FALL PROTECTION; STOP WORK AUTHORITY, PTW AND JSA, PRE-JOB SAFETY MEETING. - CHECKED ALL CERTIFICATES OF DRIVERS , TRUCK PUSHERS, RIGGER-1 & ALL MOVE EQUIPMENTS .
0530 - 1700	11.5	0-2	PRE	N	RM	RD	NA	RIG	5950	5950			*R/D ACTIVITIES ON KHRS-349: - R/D & MOVE MUD SYSTEM, CHOKE MANIFOLD, KOOME, GAS BUSTER. - L/D TDS, TDS CABLES AND TDS MONO-RAIL. - HANGED THE RAISING LINE. - R/D BOP HOIST TROLLY. - R/D AIR TAGGERS, STD-PIPE, RIG FLOOR LADDERS. - PERFORM DROP OBJECT SURVEY. - SAFELY LOWER SUB-BASE & MAST. - R/D MONKY BOARD. - R/D & MOVED DOG HOUSE & DRAW-WORKS. - GENERAL R/D ACTIVITY & HOUSKEEPING. *R/U ON KHRS-349: - SPOT & CONNECT MUD SYSTEM. - SLICK-LINE RIGLESS OPERATION ON NEW LOCATION KHRS-321 ON 01/27/2026. - CHECKED SIWHP= 120 PSI, TCA = 00 PSI. - R/U S/L BOP & LUBRICATOR , P/T TO 2,000 PSI FOR 10 MIN, HOLD. - RIH W/ 2.867" GC, TAG 3-1/2" X 2-7/8" XO @ 3,637. - RIH W/ 2.34" GC, TAG 2-7/8" X-NIPPLE @ 3,694 FT. - S/L RIH 3-1/2" INTERWELL ME-PLUG W/ JUNK CATCHER @ 1,050 FT MD. (2 RUN). - PT TO 1000 PSI FOR 10 MIN, HOLD-OK. - SIWHP= 00 PSI, TCA = 00 PSI. - R/D OILSERVE S/L EQUIPMENTS.
1700 - 0459	12	0-2	PRE	N	SUSP	OTH	NA	RIG	5950	5950			SUSPENDED RIG MOVE ACTIVITY & WAIT FOR DAY LIGHT. - PRE-RIG MOVE: 43 LOADS. - TODAY MOVED LOADS: 25 LOADS - TOTAL MOVED LOADS: 67 LOADS - RIG MOVE DISTANCE: 1 KM (SKID ROAD 1.0 KM, BLACK TOP 0 KM). - - R/D ON KHRS-349: 40 % - R/M TO KHRS-321: 50 % - R/U ON KHRS-321: 20 % - - WELL KHRS-349, SECURED W/ 4-1/2" ME PLUG AT 1,045 FT MD ON 01/27/2026. - WELL KHRS-321, SECURED W/ 3-1/2" ME PLUG AT 1,050 FT MD ON 01/27/2026

Workover Objectives

Foreman Remarks

ODF:
==========

LIMITED MORNING REPORT

KHRS-321 WORKOVER-4 BI-90

01/27/2026 - 02/10/2026

RER: 100 PPM (284 M), 30 PPM (530 M), LFL (109 M).
STAGING AREA #1 LOCATED 0.7 KM SE OF THE WELL (N 25.176758 & E 48.013239).
STAGING AREA #2 LOCATED 0.8 KM NW OF THE WELL (N 25.181573 & E 48.004002).
==========
POB:
- ARAMCO HSE ADVISOR ULIK, REINOLD A #8765711 ON LOCATION SINCE 1/23/2026.
- ARAMCO FCT HAZEM ALSHEHRI # 831775 ON LOCATION SINCE 01/26/2026
- SINO-27 SUPT BO, HUNG ID# 8682222 ON LOCATION SINCE 01/26/2026
========== HSE ==========
HSE:
DAYS WITHOUT LTI IS 1796
SAFETY:
-PRE-TOUR SAFETY MEETING(2), WEEKLY SAFETY MEETING(0)

PTW:(18), JSA:(18), NEAR MISS (0), INCIDENT:(0),
-DRILLS: SWA DRILL(0).PIT DRILL (0),TRIP DRILL(0), H2S DRILL(0), FIRE DRILL(0),MAN DOWN (0), ACCUMULATOR DRILL (0),H2S RESCUE DRILL(0), OIL SPILL DRILL(0)
CONFINED SPACE DRILL(0),VERTICAL RESCUE DRILL(0),
==========
JOURNEY MANAGEMENT PLAN:
- RIG IS LOCATED AT KHRS FIELD 248 KM FROM DHAHRAN (1 KM SKID ROAD).
- IF NEEDED CALL RIG SINO-27N AT (0135771438).
- ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT, 4X4.
- ALL VEHICLES SHOULD FOLLOW OFFICIAL ROAD & SIGN BOARD.
- THERE IS SIGNAL IN THE SKID ROAD, BETTER TO HAVE THURAYA PHONE IF AVAILABLE.
- NEAREST CITY HOFUF 169 KM. 30 KM FROM ARAMCO KHURAIS CAMP.
==========
RENTAL TOOLS:
N/A
==========
NEXT WELLS:
- KHRS-773 KOM HELD ON 21 JAN,2026, STRIPPED OUT 00% LOCATION READINESS: 00 %.
- KHRS-343 KOM HELD ON 21 JAN,2026, STRIPPED OUT 00% LOCATION READINESS: 00 %.
- KHRS-066 KOM HELD ON 21 JAN,2026, STRIPPED OUT 00% LOCATION READINESS: 00 %.
- KHRS-237 KOM HELD ON 21 JAN,2026, STRIPPED OUT 00% LOCATION READINESS: 00 %.
- KHRS-392 KOM HELD ON 17 DEC,2025 STRIPPED OUT 00% LOCATION READINESS: 00 %.
==========
MAIN CAMP CENTRALIZATION :
- N/A
==========
WATER TANKERS :
- 04 RAW WATER TANKERS ON LOCATION SINCE 12/20/2025.
==========
- ARAMCO VEHICLE SERVICE DETAILS (B-862): NEXT MAINTENANCE 01/24/2026.
- SA CAR # B-960 STANDBY ON RIG SINO-27N FOR RIG SP-120: NEXT MAINTENANCE 03/03/2026.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-2	5,950	80	315.5		4,758	452.18	-352.77	1,881.61	0.9

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	NA	SEASONAL	2,244	RM ACTIVITIES

PERSONNEL AND SERVICES INFORMATION

Company	INW	GOS	RIG	OES	RIG	ARM	OSL	OTH	ARM
Category	BRCR	CTRG	RIG	DFMS	OTHR	OTHR	SLS	VAC	WSC
No. of Persons	1	15	62	1	28	3	3	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	14	0	24	0	12	12	7	0	24

Total
119

TRUCKS/BOATS

Standby/Tankers	Others
B-862	NEW RIG sP-120 sa car # b-960

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

KRSN-134 WORKOVER-1 BI-60

01/11/2026 - 03/30/2026

SINO-29N @ KRSN-134 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-29N
Well: KRSN-134
Wellbores: (0-1) KRSN_134_1

Charge #: (71-25015-0134)
Wellbores: (0-1) KRSN_134_1

Objective : (SIDETRACK WELL AS A SINGLE LATERAL ACROSS ARAB-C RESERVOIR)

Foreman(s): ALQARNI, ABDULKARIM MOHAMMED / ASSIRI, ABDULRAHMAN KHALED
Engineer Manager: ALQAHTANI, ABDULAZIZ DULAYM / GHUWAINEM, HIND MAJED ALMUSTAFA, AHMED HASSAN

RIG FORMAN VSAT	OTHER VSAT	CONTRACTOR /CLERK VSAT
013-679-41 29	013-576-99 18	013-679-41 28

Last 24 hr operations
CONT, M/U & RIH WITH BAKER 6-1/8" RSS LWD/MWD ASSY, RIH DIRC ASSY, RESUME DRLG 6-1/8" LATERAL HZ SECTION L-0-1.

Next 24 hr plan
DRLG 6-1/8" LATERAL HZ SECTION L-0-1.

Location: KHURSANIYAH
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,850	9 5/8	4760	4760	7	4,454	7,220	6,482

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9083	17.5 (01/10/2026@1600)	100	767	138	138

Formation Tops

Formations	Top Depth	Comments
MNFR	5,931	5852 FT TVD
HITH	6,032	5932 FT TVD
PAAS	6,768	6296 TVD
BPAS	6,784	6299 TVD
ABAR	6,814	6304 TVD
ABBR	7,344	6358 TVD
ABCR	8,357	6415 TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0700	2	0-1	6 1/8	N	DRLG	HT	BHA	BHI	9083	9083			BHA	965518	CONTINUE M/U 6-1/8" BHI RSS DIRC ASSY. > MONITORED WELL ON TRIP TANK, STATIC.
0700 - 0945	2.75	0-1	6 1/8	N	DRLG	TI	STDP	RIG	9083	9083	137	5650	BHA	965518	RIH 6-1/8" BHI RSS DIRC ASSY ON 4" DP. > MONITORED WELL ON TRIP TANK, STATIC.
0945 - 1100	1.25	0-1	6 1/8	N	DRLG	CIRC	MPMP	RIG	9083	9083			BHA	965518	ACCUMULATED TIME TO FILL PIPE AND BREAK CIRCULATION.
1100 - 1200	1	0-1	6 1/8	N	DRLG	SDR1	NA	RIG	9083	9083					PERFORMED H2S DRILL, GOOD RESPONSE.
1200 - 1545	3.75	0-1	6 1/8	N	DRLG	ST	STDP	RIG	9083	9083	5700	8930	BHA	965518	RIH BAKER 6-1/8" RSS DIRC ASSY INTO OPEN HOLE AT CONTROLLED SPEED TO 8,930 FT. > HOLE IN GOOD CONDITION. > MONITORED WELL ON TRIP TANK, STATIC.
1545 - 1745	2	0-1	6 1/8	N	DRLG	LOG	LWD	BHI	9083	9083	8930	9083	BHA	965518	DOWN-LOG FORMATION FROM 8,930 FT TO 9,083 FT AS PER GOC. (END OF BAKER LT).
1745 - 0459	11.25	0-1	6 1/8	N	DRLG	D	RSS	BHI	9083	9850					BAKER RSS/LWD/MWD DIRECTIONAL DRILL L-0-1 6-1/8" HZ HOLE W/77 PCF WBM, 100% CIRCULATION. >> FOLLOWING APPROVED DIRECTIONAL PLAN KRSN-134_1 REV-M.0. >> WASH UP, REAM DOWN EVERY STAND. >> SURVEY EVERY STAND DRILLED. >> WELL PATH: 14.39 FT BELOW PLAN & 4.78 FT TO LEFT OF PLAN. >> DRILLING PARAMETERS: WOB: 10-15, RPM: 120, TORQUE OFF BTM: 3, ON BTM: 7, FLOW: 280, PRESSURE: 2750, P/U: 193, S/O: 110, ROT:148.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
27 Jan 0630	11.75	34.25	965518		BHA	FOT	LWD	BHI	9083	UNABLE TO GEOSTEER DUE TO BAKER PLACEMENT OF DENSITY TOOL.

Workover Objectives

Foreman Remarks

>> ODF - TBG SPL = 22.6 FT, SINO-29N RKB-TBG SPL=32.75 FT; ODF CORRECTION: - 10.15 FT; ALL DEPTHS REFER TO ODF.
GOR (SCF/STB): 380 ; H2S % (MOLE): 2.74.

==========WINDOW DETAILS==========
TOW: 5,700 FT.
BOW: 5,711 FT.
RAT HOLE: 5,721 FT.
FORMATION: SULAY.
========== ARAMCO PERSONNEL ==========
>> ARAMCO ME ABDULAZIZ ALANAZI ID# 8506663 SINCE 12/22/2025.
>> FCT ALI ALQAHTANI # 796796 ON LOCATION SINCE JAN 26, 2026.
========== STAGING AREAS ==========

LIMITED MORNING REPORT

KRSN-134 WORKOVER-1 BI-60

01/11/2026 - 03/30/2026

KRSN-134 WELL, LOCATED STAGING AREA:
STAGING AREA 1 (3 KM SW FROM LOCATION) 27.216010 49.225632
STAGING AREA 2 (1.5 KM NW FROM LOCATION) 27.240244 49.225632
========== NEXT WELL ==========
>> FDHL-147: KOM CONDUCTED ON 12/30/2025. STRIP OUT: 0 %. WELLSITE: 0%.
========== EMERGENCY EQUIPMENT ON LOCATION ==========
>> SINO 55-SEAT BUS
========== WATER TRUCK SUPPLY ON LOCATION ==========
>> CUC RAW WATER TANKER #314 ON LOCATION SINCE 14-DEC-2025
>> CUC RAW WATER TANKER #4528 ON LOCATION SINCE 14-DEC-2025
========== EQUIPMENTS & RENTAL TOOLS ==========
>> RECEIVED TAQA 4-3/4" HYDA-MECHANICAL DRLG JAR SN# DJ6-500-254 ON JAN 16,2026 AT 14:00 HRS.
========== DRILLS, ORBITS & SAFETY TOPICS ==========
>> DRILLS: TRIP DILL X 1, H2S DRILL X 1.
>> OBB REPORTED: 14 OBB.
========== DAILY CONSUMPTION ==========
>> DAILY DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP) = 43 BBL & CUMULATIVE FOR MONTH OF JAN: 1,037 BBLS.
>> DAILY POTABLE/SWEET WATER CONSUMPTION FOR (RIG+CAMP): 200 BBLS & CUMULATIVE FOR MONTH OF JAN 2026=5,337 BBLS.
----------RAW WATER----------
>> RAW WATER : 3 TRIPS, 18,900 GALLON.
==========PPT VALUES==========
>> PPT SPURT 2.6 ML & PPT TOTAL 12.6 ML (2500 PSI AND 55 MICRON DISK).

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	9,128	90.02	41.4	95	6,417	579.34	796.37	3,230.97	0.93
0-1	9,223	90.36	40.28	95	6,417	601.24	815.3	3,323.56	1.23
0-1	9,317	90.3	40.36	94	6,416	623.09	833.84	3,415.12	0.1
0-1	9,411	90.36	40.38	94	6,416	644.92	852.4	3,506.82	0.07
0-1	9,506	90.89	39.38	95	6,415	667.13	870.96	3,599.44	1.19
0-1	9,600	91.35	38.4	94	6,413	689.43	888.95	3,690.83	1.15
0-1	9,694	91.38	38.47	94	6,411	711.86	906.76	3,782.17	0.08
0-1	9,791	91.29	38.51	97	6,408	735	925.15	3,876.57	0.1

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	1	2.4API	2	0 Volts	6.04	9.6	125,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
135	11.8HTHP	85	35	0	7 / 9	CACL	2.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	1	23	13	7 / 8	0	0	12.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	1	2.6API	2	0 Volts	6.04	9.5	125,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
130	11.8HTHP	85	36	0	7 / 9	CACL	2.5
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	1	23	13	7 / 8	0	0	12.5

MUD TREATMENT

XC	DFMR	CACO3-25	CACO3-50	MAXSHIELD	MRBL-M	HYSTAR-P
2 (55LB)	2 (55GL)	40 (55LB)	40 (55LB)	2 (55GL)	4 (2200L)	10 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
11RR	9,083	9,850	DP Av	DC Av	Bit HHP	15	120	M332	6.125	REED
Pressure	**GPM**	**Jet Vel**	318.97	N/A	60	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,750	280	200				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S325229	TK63M1A	3 x 14 /	0.451							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	55	150	193	110	148		75
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
28	Drillpipe	RIG	4	168	4	3.34	5,307	12,927.29	XT39	XT39	14	243,277.259	S135	PREM	
27	Heavy Weight Drillpipe (HWDP)	RIG	4	30	4	2.562	902	7,620.29	XT39	XT39	28.38	168,979.259		CONV	
26	Drillpipe	RIG	4	200	4	3.34	6,316	6,718.29	XT39	XT39	14	143,380.499	S135	PREM	
25	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.562	90.54	402.29	XT39	XT39	28.46	54,956.499		CONV	
24	Hydraulic Jar	WJS	4.75	1	4.75	2.25	29.73	311.75	XT39	XT39	1,200	52,379.731			FX-475-208
23	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.562	60.49	282.02	XT39	XT39	26.24	16,703.731		CONV	

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

KRSN-134 WORKOVER-1 BI-60

01/11/2026 - 03/30/2026

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
22	Crossover	RIG	4.75	1	4.75	2.25	1.82	221.53	XT39	NC38	49.1	15,116.473			2207455
21	PBL (Multiple Activation By Pass)	SSW	5.5	1	5.5	3.625	9.06	219.71	XT54	XT54	60	15,027.111		CONV	NOR475BP616
20	FIlter Sub	BHI	4.75	1	4.75	2.125	76.1	210.65	NC38	NC38	80.4	14,483.511			14917426
19	Float Sub	BHI	4.75	1	4.75	2.25	3.28	134.55	NC38	NC38	21.4	8,365.071			15673387
18	Crossover	BHI	4.75	1	4.75	2.25	2.83	131.27	XT39	NC38	49.6	8,294.879			16097227
17	Component Not listed	BHI	4.75	1			2.83	128.44			38.1	8,154.511			16172573
16	Component Not listed	BHI	4.75	1			5.08	125.61			38.1	8,046.688			16662639
15	Component Not listed	BHI	4.75	1			5.08	120.53			38.1	7,853.14			16662637
14	Component Not listed	BHI	4.75	1			7.3	115.45			38.1	7,659.592			16712144
13	Component Not listed	BHI	4.75	1			7.3	108.15			38.1	7,381.462			16718503
12	Component Not listed	BHI	4.75	1			7.3	100.85			38.1	7,103.332			16718502
11	Crossover	BHI	4.75	1	4.75	2.25	2.1	93.55	XT39	NC38	49.6	6,825.202			13100279
10	Stabilizer	BHI	5.875	1	4.75	2.25	5.91	91.45	NC38	NC38	74.2	6,721.042			ZSTB07021282
9	Stop Sub	BHI	4.75	1	4.75	2.25	2.98	85.54	NC38	4 3/4 T2	53.6	6,282.52			16632722
8	BCPM. Bi-directional Communication and Power Module	BHI	4.75	1	4.75	2.25	16.68	82.56	4 3/4 T2	4 3/4 T2	57.4	6,122.792			10213534
7	Modular Stabilizer	BHI	4.75	1	4.75	2.264	3.27	65.88	4 3/4 T2	4 3/4 T2	60.9	5,165.36			16249445
6	Measurement While Drilling (MWD)	BHI	4.75	1	4.75		23.4	62.61			89.11	4,966.217			12713261
5	Logging While Drilling (LWD)	BHI	4.75	1	4.75		23.4	39.21	4 1/2 T2	4 1/2 T2	68.32	2,881.043			13522862
4	Modular Stabilizer	BHI	4.75	1	4.75	2.264	2.9	15.81	4 3/4 T2	4 3/4 T2	156.1	1,282.355			16783443
3	Logging While Drilling (LWD)	BHI	4.75	1	4.75		4.25	12.91			60.98	829.665			14699121
2	RSS	BHI	4.75	1	4.75	1.57	8.15	8.66	4 1/2 T2	3 1/2 REG	70	570.5			15731225
1	Bit	REED	6.125	1	6.125		0.51	0.51				0			S325229

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	NORMAL	N/A	SEASONAL	4,219	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	KSB	BHI	RIG	GDF	ASH	SNS	ARM	MI2	ARM	SSW
Category	CTRG	DPDS	RIG	DFMS	FLD	H2S	OTHR	SCS	WSC	WBCS
No. of Persons	15	2	50	2	2	2	2	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	24	24	0	24	24	24	24	24

Total
79

TRUCKS/BOATS

Standby/Tankers	Others	Others
ARAMCO PICK-UP# B 854	CAMP DIESEL: 61 BBLS	55 PCS EMG BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	247	N/A	N/A	800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

KHRS-3104 DEVELOPMENT DRILLING BI-60

01/25/2026 - 03/06/2026

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saudi aramco

SINO-30L @ KHRS-3104 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-30L
Well: KHRS-3104
Wellbores: (0) KHRS_3104_0

Charge #: (66-25051-3104)
Wellbores: (0) KHRS_3104_0

Objective : (KHRS-3104 WILL BE DRILLED AND COMPLETED AS A VERTICAL OIL PRODUCER ACROSS ARBD RESERVOIR.)

Foreman(s) BUOY, JAMES STILLWELL / ELTANTAWY, RAMY ELTANTAWY
Engineer ALTARTEER, HATIM ABDULQADER
Manager MUTAIRI, NAIF MUTLAQ

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11516	013-578420 5 ARAMCO	013-664881 7 SLB
OTHER VSAT	MOBILE	CONTRACTOR /CLERK VSA T
013-501207 2-102 CLIN IC	0555129850 SINO	013-578429 5 ARAMCO C LERK
CONTRACTOR /CLERK VSA T		
013-501207 2-101 SINO		

Last 24 hr operations: RIG DONW ON KHRS 4114, MOVE TO KHRS 3104

Next 24 hr plan: RIG DONW ON KHRS 4114, MOVE TO KHRS 3104

Location: F/DMM T/RIYADH HW,TURN RIGHT KHRS BRIDGE STAY ON ARAMCO ROAD, TURN RIGHT 6 KM BLACKTOP & TURN LEFT.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	249	250

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	PRE	N	RM	PJSM	NA	RIG	0	0			HELD PJSM WITH RIG CREW, DISCUSSED SAFETY HAZARDS , REVIEWED JSA FOR RIG DOWN, RIG MOVE & RIG UP OPERATIONS.
0530 - 1700	11.5	0	PRE	N	RM	RD	NA	RIG	0	0			RIG MOVE FROM KHRS-4114 TO NEW WELL LOCATION KHRS-3104. > R/D: 70 % , R/M: 65 % , R/U: 55%. - R/D: DISCONNECT MAST, GENERATOR, SCR, DIESEL TANK, RIG FLOOR FRONT PLATES, DRAWWORKS, ROTARY TABLE, SUBBASE & SUBBASE ACCESSORIES & A-FRAME. - R/M: MAST, GENERATOR, SCR, DIESEL TANK, RIG FLOOR FRONT PLATES, DRAWWORKS, ROTARY TABLE, SUBBASE&SUBBASE ACCESSORIES, A-FRAME & OTHER ACCESSORIES. - R/U: OFFLOAD & SPOT SUBBASE & SUBBASE ACCESSORIES, GENERATOR, SCR HOUSE, DIESEL TANK & OTHER ACCESSORIES. MOVED/TOTAL/PLAN LOADS: 23/113/165 LOADS. - RIG MOVE DAYS FROM RELEASED: 3.2 DAY. - EXPECTED SPUD IN @ 31-JAN-2025. - RIG MOVE DISTANCE FROM KRHS-4114 TO KHRS-3104 IS 9.6 KM (SKID ROAD 3.6 KM, BLACKTOP 6.0 KM). - RIG MOVE EQUIPMENT: 5 CRANES, 1 FORKLIFT, 2 RIGGER ONE, 2 TRUCK PUSHER, 15 LOW BEDS & 3 HIGH BEDS.
1700 - 0459	12	0	PRE	N	SUSP	OTH	NA	RIG	0	0			WAITING ON DAY LIGHT.

Foreman Remarks

KHRS-3104 WELL WILL BE DRILLED AS A VERTICAL OIL PRODUCER ACROSS ARBD AND BE COMPLETED WITH AN ESP WITH Y-TOOL AND PACKER.
*NOTE: WELL IS LOCATED VCLOSE TO THE CELLAR COLLAPSE LOW VELOCITY AREA AND REQUIRES EXTRA CASING.
==========WELL DATA ==========
34' PLAN/ ACTUAL:75'/XX'.
28" PLAN/ACTUAL: 165' /XX'.
22"PLAN/ACTUAL:1,522'/ XX' (100 FT ABOVE SHUB).
17" PLAN/ACTUAL: 2,708' / XX ' (50 FT INSIDE BUWB).
12-1/4" PLAN/ACTUAL: 4,788' MD/TVD / XX' (2 FT TVD INSIDE ABD1).
8-1/2" L0 PLAN/ACTUAL: 5,165' MD/TVD / XX' MD/TVD.
==========PERSONNEL ON BOARD==========
- ARAMCO FOREMAN ELTANTAWY, RAMY#8348453 ON LOCATION F/ 01/14/26.
- KHALID ALGHAMDI MATERIAL EXPEDITOR #8549841 ON LOCATION.
- NAIF ALNAIM ARAMCO MATERIAL EXPEDITOR# 8521690 ON LOCATION.

- LSTK SLB WSL: AHMED/KARAM .
==========STANDBY EQUIPMENT/CREW ON LOCATION==========
- NONE.
==========NEXT LOCATION==========
NEXT WELL: KHRS-632.
APPROVED PROGRAM FOR NEXT WELL: NO.
APPROVED ERP FOR NEXT WELL: NO.
LOCATION READINESS OF NEXT WELL: NO.
LAST VISIT: NO.
WATER WELLS FOR NEXT WELL: NO.

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	
BIT DATA	

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KHRS-3104 DEVELOPMENT DRILLING BI-60

01/25/2026 - 03/06/2026

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	HI WIND SPEED	N/A	SEASONAL	4,654	RIG MOVE SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	SMI	MJH	PW	TK3	ARM	TK3	ARM
Category	CTRG	RIG	DFMS	SEC	ISPCT	OTHR	OTHR	WSC	WSC
No. of Persons	14	94	1	5	3	3	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	0	24	24	24	24	24

Total
125

TRUCKS/BOATS

Standby/Tankers
E-889

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	650

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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MZLJ-327 DEVELOPMENT DRILLING BI-60

12/11/2025 - 02/19/2026

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SINO-33L @ MZLJ-327 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SINO-33L	(66-24086-0327)	(PILOT HOLE TO LFDL RESERVOIR AND SINGLE LATERAL OIL PRODUCER TARGETTING ARBD RESERVOIR ZONE-1.)	MUSA, MOHAMED MAHER / ALAMER, OMAR IBRAHIM FASSAM, KHALED ADEL MUTAIRI, NAIF MUTLAQ

Well: MZLJ-327
Wellbores: (0) MZLJ_327_0
Wellbores: (0) MZLJ_327_0

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
0088216777 11401	(013)578-4 261 (ARAMC O)	(013)664-8 811 (SLB)
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
(013)880-6 154 (SINO)	(013)578-4 053 (CLERK)	

Last 24 hr operations	Next 24 hr plan
BOPE TEST. P/U & M/U 13 3/8" WS, RIH, SCRIP & SET, DISPLACE TO 67 PCF WBM, MILL WINDOW & DRILL RAT HOLE.	CONT. MILL WINDOW & DRILL RAT HOLE, CHC & POOH W/ TRI-MILL, M/U & RIH W/ 12 1/4" DIRECTIONAL BHA, DRILL 12 1/4" L1 SECTION.

Location	Next Location
HRDH TO ALKHARJ RD, NORTH ON MZLJ-KHRS ROAD, 13 KM TO SKID ROAD-TURN RIGHT-EAST	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,002	13 3/8	3136	3136	9 5/8	2,866	4,538	4,538

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7002	43.4 (12/15/2025@1930)	100	0	301	301

Formation Tops

Formations	Top Depth	Comments
ARUM	205	2' SHALLOWER
WASI	835	35' DEEPER
SFNY	1,030	
SHUB	1,720	6' DEEPER
BYDH	1,870	29' DEEPER
BUWB	2,980	10' SHALLOWER
YAMM	3,344	15' DEEPER
SULY	3,541	3' DEEPER
HITH	4,126	2' DEEPER
ABAR	4,538	6' SHALLOWER
ARBB	4,560	3' DEEPER
ABBR	4,656	AS PER PROGRAM
ARBC	4,678	AS PER PROGRAM
ABCR	4,884	AS PER PROGRAM
ARBD	4,953	3' SHALLOWER
PADS	5,051	6' SHALLOWER
BPDS	5,057	3' SHALLOWER
ABD1	5,087	6' SHALLOWER
ABD2	5,181	7' SHALLOWER
ABD3	5,216	11' SHALLOWER
BADR	5,334	AS PER PROGRAM
HNIF	5,565	3' DEEPER
BUHR	5,739	20' SHALLOWER
LFDR	6,736	8' SHALLOWER
BLFR	6,852	7' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	OOS ID	Summary of Operations
0500 - 0730	2.5	0	12 1/4	N	BOP	BOPT	BOP	RIG	7002	7002				TEST 13-5/8" 5K BOP WITH TEST PLUG TO 300/3,000 PSI AS PER ARAMCO WCM 7TH EDITION. - TEST #2: TEST VBR AGAINST LOWER IBOP, KL MANUAL VALVE, CL HCR, & LOWER KL HCR. - TEST #3: TEST VBR AGAINST UPPER IBOP, PRIMARY KL MANUAL VALVE, & CL MANUAL VALVE. - TEST #4: TEST LPR AGAINST 4" SPM ISOLATION VALVE & LOWER KL INNER MANUAL VALVE. * BACK OFF TEST ASSY & KEEP TEST PLUG ON THS. LINE UP TEST UNIT TO CHOKE MANIFOLD. - TEST #5: TEST BSR AGAINTS KL & EMKL NRV, CHOKE LINE VALVES 2,3,4, & GUTT LINE HCR. * ALL TEST DURATION IS 10 MINS EACH, HOLDING GOOD.
0730 - 0815	0.75	0	12 1/4	N	BOP	OTH	BOP	RIG	7002	7002				LAYDOWN TEST PLUG ASSY & MAKE UP 13-3/8" CUP TESTER ASSY. - 3 STDS X 5" HWDP + 13-3/8" 68# CUP TESTER + 1 STD X 5" DP. - RIH CUP TESTER TO 90 FT. - CLOSE 2 X CHH SOVS. - FILL UP BOP STACK W/ WATER
0815 - 0900	0.75	0	12 1/4	N	BOP	BOPT	BOP	RIG	7002	7002				TEST 13-5/8" 5K BOP W/ CUP TESTER TO 300/2,760 PSI AS PER ARAMCO WCM 7TH EDITION. - TEST #6: ANNULAR ON 5" DP AGAINST KL NRV, EMKL NRV & BOTH 2-1/16" CHH SOVS TO 300/2,760 PSI. - HKLD READING: 280 KLBS @ 2,760 PSI
0900 - 0930	0.5	0	12 1/4	N	BOP	OTH	BOP	RIG	7002	7002				PERFORM ACCUMULATOR DRAW DOWN TEST.
0930 - 1030	1	0	12 1/4	N	WH	SET	WBSH	RIG	7002	7002				LAY DOWN CUP TESTER ASSY, INSTALL WEAR BUSHING IN CHH. * MEANWHILE PERFORM TEST OFFLINE BOP: 1. MP KILL LINE TO 300/2,550 PSI FOR 10 MINS EACH. 2. EMERGENCY KILL LINE TO 300/2,550 PSI FOR 10 MINS EACH.
1030 - 1100	0.5	0	12 1/4	N	TINL	PJSM	NA	RIG	7002	7002			21571	

LIMITED MORNING REPORT

MZLJ-327 DEVELOPMENT DRILLING BI-60

12/11/2025 - 02/19/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		OOS ID	Summary of Operations
									Start	End	Start	End		
														OOS: HOLD PJSM PRIOR TO M/U COMBINED 13-3/8" L1 WPS/MILLING BHA. - BRIEF M/U PROCEDURES & REVIEW JSA. - DISCUSS ALL RELATED HAZARDS FOR USING CRANE TO PICK UP TOOLS & ALL STEPS TO MAKE UP THE ASSY.
1100 - 1130	0.5	0	12 1/4	N	TINL	RR	MPMP	RIG	7002	7002			21571	OOS: SET MUD PUMP PUP OFF VALVES TO 4000 PSI & PRESSURE TEST SURFACE LINES TO 3500 PSI FOR 10 MIN OK.
1130 - 1545	4.25	0	12 1/4	N	TINL	HT	BHA	RIG	7002	7002			21571	OOS: MAKE UP COMBINED 13-3/8" L1 WPS/MILLING BHA & RIH TO 106 FT. - MAKE UP 12-1/4" WIS TRI-MILL + HYD RUNNING TOOL + X/O SUB - MAKE UP 1 JT X 4" HWDP + X/O + MCBPV + UBHO - CHECK TRI MILL IN GAUGE (12-1/4" GAUGE) - CONNECT MILL ASSY TO WS. - SERVICE WS & CONNECT CONTROL LINE HOSE. - BLEED OFF RUNNING TOOL, FILL HYD OIL INTO HYD SUB & INSTALL PISTON - MONITOR WELL ON TRIP TANK, STATIC
1545 - 2130	5.75	0	12 1/4	N	TINL	ST	STDP	RIG	7002	7002	106	2848	21571	OOS: RIH COMBINED 13-3/8" L1 WPS/MILLING BHA F/ 106 TO 2,848 FT. - RIH ON: 3 STDS X 8-1/2" DC + 12 STD X 5" HWDP + 14 STD X 5" DP - CONTROL RIH SPEED TO 3 MINS SLIP TO SLIP. - INSTALL SAFETY CLAMP WHILE RIH THE FIRST 10 STDS. - MONITOR WELL ON TRIP TANK, OK.
2130 - 2145	0.25	0	12 1/4	N	TINL	OTH	NA	RIG	7002	7002			21571	OOS: RECORD PU/SO WEIGHT AT 13-3/8" L1 WHIPSTOCK SETTING DEPTH, 2,848 FT - PUW: 190 KLB, SOW: 188 KLB - VERIFY NUMBER OF STANDS IN HOLE & REMAINING IN MAST
2145 - 0145	4	0	12 1/4	N	TINL	SURV	GYRO	GCD	7002	7002			21571	OOS: ORIENT 13-3/8" L1 WPS TO 1 DEG MTF AS FOLLOWS: - PJSM & RIG UP WL SHEAVES - PICK UP & RIH WITH GYRO TOOL FROM SURFACE & LAND IN UBHO - ROTATE 13-3/8" L1 WPS TO 1 DEG MTF. RECIPROCATE STRING & TAKE CHECK SHOT SURVEYS AFTER EACH ROTATION. - CONFIRM ORIENTATION W/ 03 SHOTS. - POOH WITH GYRO TOOL FROM UBHO TO SURFACE & LAY DOWN - RIG DOWN WL SHEAVES
0145 - 0245	1	0	12 1/4	N	TINL	SET	WPSTK	WI3	7002	7002	2848	2848	21571	OOS: SET 13-3/8" L1 WPS AS FOLLOWS: - SPACE OUT WPS AT SETTING DEPTH 2,848 FT (TOW: 2,814 FT) - CYCLE MCBPV 6 TIMES & SET WPS W/ 3,500 PSI. - CONFIRM WHIPSTOCK SET BY S/O 20 KLBS & P/U 15 KLBS. - BREAK OFF TRI-MILL ASSY SHEAR PIN WITH 75 KLB S/O. - SNAP HYD LINE & BREAK KNOCK OFF PLUG. - CONFIRM CIRCULATION W/ FR: 450 GPM, SPP: 1300 PSI. - MW IN/OUT: 70 PCF, NO LOSSES.
0245 - 0345	1	0	12 1/4	N	TINL	CIRC	MPMP	RIG	7002	7002			21571	OOS: DISPLACE WELL TO 67 PCF WBM - FR: 450-550 GPM, SPP: 1900 PSI - CONFIRM MW IN = MW OUT = 67 PCF - RECORD SCR.
0345 - 0400	0.25	0	12 1/4	N	TINL	WCNT	NA	RIG	7002	7002			21571	OOS: FLOW CHECK - WELL STATIC
0400 - 0459	1	0	12 1/4	N	TINL	MILL	MILL	WI1	7002	7002	2814	2815	21571	OOS: MILL 12-1/4" L1 WINDOW F/ 2,814 FT TO 2,815 FT. - FR: 600 GPM, SPP: 2,100 PSI - WOB: 1-5 KLBS, RPM: 60, TQ: 2-5 KLB-FT - PUMP 30 BBLS HI-VIS EVERY FOOT MILLED. - CLEAN DITCH MAGNET EVERY 30 MINS. - MW IN / OUT: 67 PCF, NO LOSSES.

Out Of Scope Details

From	Hrs	Cum. Hrs	Doos Id	Type	Category	Hole Section	Lateral	Out Of Scope Summary
27 Jan 0815	18.5	30.25	21571	OOS	RWSM	12 1/4		SET WS IN 13 3/8" CASING, MILL WINDOW FOR L1.

Foreman Remarks

MZLJ-327, WHICH IS TO BE DRILLED AS A PILOT HOLE TO LFDL RESERVOIR AND SINGLE LATERAL OIL PRODUCER TARGETTING ARBD RESERVOIR ZONE-1.
OPEN HOLE LOGS AND CASED HOLE DST WILL BE PERFORMED ACROSS PILOT HOLE, WHICH WILL BE P&A BY PLACING CEMENT PLUGS.

- ARAB-D GOR: 380 SCF/BBL, H2S ARAB-D: 2.5% MOL, RER 1/2 LFL: 115 M, RER 30 PPM: 781 M, RER 100 PPM: 444 M.
-

34" CP PLANNED TO +/- 77, ACTUAL 77'
24" CP (CONTINGENT) PLANNED +/- 200'
22" CP PLANNED TO +/- 1,614 FT (+/- 100 FT ABOVE SHUAIBA), ACTUAL 1,630 FT
16" CP PLANNED TO +/- 3,,140 FT (+/- 150 FT INTO BUWB), ACTUAL 3,140 FT
12.25" L0 LP PLANNED TO +/- 4534 FT (+/- 10 FT ABOVE ABRA), ACTUAL 4,538 FT
PILOT HOLE 8.5" LP PLANNED TO +/- 7,010 FT MD (+/- 5,505 FT TVDSS) , ACTUAL 7,002 FT
L-1 PLAN TOW +/- 2,000 FT, ACTUAL TOW 2,814 FT.

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MZLJ-327 DEVELOPMENT DRILLING BI-60

12/11/2025 - 02/19/2026

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12.2" L-1 CP PLANNED TO +/- 6756 FT (+/- 2 FT TVD INSIDE ARBD-1) ACTUAL XX
8.5" L-1 PLANNED TO +/- 9487 FT MD / 5073 FT TVD (WELL TD), ACTUAL XX
========== ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO MATERIAL EXPEDITOR MOAYYED ALSUDANI # 818685 OFF LOCATION F/ 1/26/26
- ARAMCO FCT ABDULAZIZ ABDULLAH ELMOQBIL#796645 ON F/ 1/19/26
========== SLB LSTK OR CONTRACTOR ==========
- SLB DSV: RIAD/HAIKAL.
- SLB HSE: ABDULWAHAB.
========== ==========ERP ==========
- STAGING AREA #1: LOCATED AT 0.85 KM WEST/NORTHWEST FROM MZLJ 327
- STAGING AREA #2: LOCATED AT 1.0 KM NORTH/NORTHWEST FROM MZLJ 327
- SINOPEC STANDALONE H2S/LEL SENSORS ON LOCATION
========== NEXT WELL ==========
NEXT WELL: ABJF-1012
NEXT WATER WELL: ABJF-815.
APPROVED PROGRAM: NO.
APPROVED ERP: NO
LOCATION READINESS: 90 %

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	7,002	0.5	220	0	7,002	-4.96	4.7	22.42	0.77

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	6API	0	0 Volts	5.56	10.4	38,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	20	0	8 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	1	7	2	7 / 9	0	520	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	6API	0	0 Volts	5.9	10.5	38,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	18	0	8 / 9	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	1	7	2	7 / 8	0	520	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
8RR	7,002	7,002	DP Av	DC Av	Bit HHP	N/A	60	M423	12.25	CDB
Pressure	**GPM**	**Jet Vel**	117.59	188.99	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,050	600	N/A				1	1	WT	A	X
Serial Numi	**Type**	**Jets**	**TFA**							
257709	M1674RS	POOH Reas	N/A							
Gauge	**Other**									
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	213	215	210	1,200	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
10	Drillpipe	RIG	5	1	5	4.276	31	1,594.84	NC50	NC50	19.5	106,238.73	G105	PREM	
9	Heavy Weight Drillpipe (HWDP)	RIG	5	36	5	3	1,099.7	1,563.84	NC50	NC50	42.7	105,634.23		CONV	
8	Crossover	RIG	8	1	8	3.75	1.95	464.14	6 5/8 REG	NC50	0	58,677.04			1100
7	Drillcollar	RIG	8.5	12	8.5	2.812	356.05	462.19	6 5/8 REG	6 5/8 REG	164.8	58,677.04		SPRL	
6	UBHO Sub	SDM	8.312	1	8.313	2.78	3.01	106.14	6 5/8 REG	6 5/8 REG	0	0			08310
5	Crossover	RIG	8	1	8	2.813	3.32	103.13	6 5/8 FH	6 5/8 REG	0	0			15-0967-1
4	Multi-Cycle Bypass Valve	WI1	5.875	1	5	3	5.29	99.81	NC38	NC38	0	0			09343K
3	Component Not listed	WI1	0	1			40.58	94.52			0	0			59487J
2	Lead Mill	WI1	12.25	1	12.25	3	19.52	53.94	6 5/8 FH	6 5/8 FH	0	0			72063K
1	Whipstock	WI1	8	1	8	1	34.42	34.42	NC50	NC50	0	0			OSC129961A

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	N/A	MILD	NA	COOL	2,568	PRE JOB/ PRE TOUR

PERSONNEL AND SERVICES INFORMATION

Company	TGC	WI3	GCD	RIG	SMI	MJH	SNS	RIG	ARM	WRT	TK3	ARM	SDM
Category	CTRG	WPSTK	DPDS	RIG	DFMS	SEC	H2S	OTHR	OTHR	RENT	WSC	WSC	DPDS
No. of Persons	17	2	2	61	1	7	2	3	1	1	2	2	2

Total 103

LIMITED MORNING REPORT

MZLJ-327 DEVELOPMENT DRILLING BI-60

12/11/2025 - 02/19/2026

	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	24	24	24	24	0	24	0	24	0	24	24	24

TRUCKS/BOATS	Standby/Tankers
	e-987

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	1000	500	458	N/A	N/A	3500

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ANDR-1533 DEVELOPMENT DRILLING BI-60

12/19/2025 - 02/01/2026

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SINO-35L @ ANDR-1533 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-35L
Well: ANDR-1533
Wellbores: (0-1) ANDR_1533_1

Charge #: (66-25056-1533)
Wellbores: (0-1) ANDR_1533_1

Objective : (SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-D RESERVOIR)

Foreman(s): NASSER, MUDHAR TALIB / ALANAZI, ABDULRAZAQ IBRAHIM
Engineer: CHERESHNIUK, VITALII
Manager: ALSAFI, YOUSEF MOHAMMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677714 145	673-6423	673-3669

CONTRACTOR /CLERK VSA T: 013-502-42 94/013-673 -8615

Last 24 hr operations
WOC, RIH 12-1/4" C/O BHA TO 3,600', CHC, POOH, RIH OEDP NON-METALLIC STRING, SPOT 50 BBL LCM & 50 BBL WEIGHTED HVP. POOH TO CSG SHOE. RIH BACK TO BTM, CHC.

Next 24 hr plan
SPOT KICK OFF PLUG #3 AS PER PROGRAM, POOH, & WOC.

Location
DRIVE STRAIGHT IN RIYADH HI-WAY 104 KM, TURN LEFT, DRIVE 22 KM, RIG LEFT SIDE FROM BLACK TOP.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,093	13 3/8	2965	2965				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4093	32.7 (12/26/2025@1200)	99	0	99	99

Formation Tops

Formations	Top Depth	Comments
RUS	570	91 FT TVD SHALLOWER
UMER	840	16 FT TVD DEEPER
ARUM	1,855	45 FT TVD SHALLOWER
LAMS	2,475	80 FT TVD SHALLOWER
AHMD	2,900	57 FT TVD SHALLOWER
SFNY	3,180	80 FT TVD SHALLOWER
SHUB	3,965	69 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
0500 - 0745	2.75	0-1	12 1/4	N	PA	OTH	NA	RIG	4093	4093			STUK	965226	WOC MEANWHILE, RIH W/ 12-1/4" C/O BHA ON ELEVATOR F/ 1050 FT TO 2100 FT. - MONITOR WELL ON TRIP TANK - STATIC LOSSES 4 BPH.
0745 - 1100	3.25	0-1	12 1/4	N	PA	TI	STDP	RIG	4093	4093	2100	3600	STUK	965226	CONT. RIH W/ 12-1/4" C/O BHA WHILE WASHING DOWN PRECAUTIONARY F/ 2,100 FT TO 3,600 FT.
1100 - 1130	0.5	0-1	12 1/4	N	PA	WCNT	NA	RIG	4093	4093					PERFORMED TRIP DRILL W/ GOOD RESPONSE.
1130 - 1200	0.5	0-1	12 1/4	N	PA	OTH	NA	RIG	4093	4093					HPTSM, SHARED AND DISCUSSED DOE&CD RHSEI DAY 4 FINDINGS WITH CREW.
1200 - 1230	0.5	0-1	12 1/4	N	PA	CIRC	MPMP	RIG	4093	4093			STUK	965226	CONT. SWEEP HOLE W/ 40 BBLS HVP, CIRC. TILL SHAKER CLEAN, SPOT 80 BBLS HVP ON BTM. - DYNAMIC LOSSES 10 BPH.
1230 - 1245	0.25	0-1	12 1/4	N	PA	WCNT	NA	RIG	4093	4093			STUK	965226	FLOW CHECK - WELL STATIC.
1245 - 1345	1	0-1	12 1/4	N	PA	TO	STDP	RIG	4093	4093	3600	2930	STUK	965226	POOH W/ 12-1/4" C/O BHA F/ 3600 FT INSIDE 13 3/8" CSG SHOE AT 2930 FT. - MONITOR WELL ON TT: 3 BPH LOSSES.
1345 - 1415	0.5	0-1	12 1/4	N	PA	WCNT	NA	RIG	4093	4093			STUK	965226	EXTENDED FLOW CHECK - 3 BPH LOSSES.
1415 - 1530	1.25	0-1	12 1/4	N	PA	TO	STDP	RIG	4093	4093	2930	560	STUK	965226	CONT. POOH W/ 12-1/4" C/O BHA F/ 2,930 FT TO 560 FT (TOP OF BHA). - MONITOR WELL ON TT : 3 BPH STATIC LOSSES.
1530 - 1700	1.5	0-1	12 1/4	N	PA	HT	STRG	RIG	4093	4093			STUK	965226	HPJSM, CONT. POOH AND HANDLE 12-1/4" C/O BHA F/ 560 FT TO SURFACE.
1700 - 2100	4	0-1	12 1/4	N	PA	HT	STRG	RIG	4093	4093			STUK	965226	HPJSM, R/U 4" HANDLING TOOLS, P/U & M/U 4" OPEN END NON-METALLIC PIPE & RIH SAME TO 1,446 FT (44 JOINTS).
2100 - 2145	0.75	0-1	12 1/4	N	PA	TI	STDP	RIG	4093	4093	1446	2965	STUK	965226	CONT. RIH 4" OPEN END NON-METALLIC STINGER ON 5" DP STDS IN CASED HOLE F/ 1,446 FT TO 2,965 FT. - MONITOR WELL ON TT: 3 BPH LOSSES.
2145 - 2230	0.75	0-1	12 1/4	N	PA	TI	STDP	RIG	4093	4093	2965	3600	STUK	965226	CONT. RIH 4" OPEN END NON-METALLIC STINGER ON 5" DP STD AT CONTROLLED SPEED IN OPEN HOLE F/ 2,965 FT TO 3,600 FT, WASHED DOWN LAST STD.
2230 - 2315	0.75	0-1	12 1/4	N	PA	CIRC	MPMP	RIG	4093	4093			STUK	965226	CIRC HOLE CLEAN. SPOT 50 BBL 200 PPB LCM PILL AND 50 BBL 120 PCF HI-VIS PILL. - DYNAMIC LOSSES 10 BPH.
2315 - 2330	0.25	0-1	12 1/4	N	PA	WCNT	NA	RIG	4093	4093			STUK	965226	FLOW CHECK - WELL STATIC.
2330 - 0000	0.5	0-1	12 1/4	N	PA	OTH	NA	RIG	4093	4093					HPTSM, SHARED AND DISCUSSED RHSEI DAY 4 FINDINGS.

LIMITED MORNING REPORT

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ANDR-1533 DEVELOPMENT DRILLING BI-60

12/19/2025 - 02/01/2026

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saudi aramco

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
0000 - 0015	0.25	0-1	12 1/4	N	PA	TO	STDP	RIG	4093	4093	3600	2900	STUK	965226	POOH 4" OEDP NON-METALLIC STINGER ON 5" DP STDS IN OPEN HOLE TO 2,900 FT. - MONITOR WELL ON TT AND TS :STATIC LOSSES 2 BPH.
0015 - 0115	1	0-1	12 1/4	N	PA	WCNT	NA	RIG	4093	4093			STUK	965226	EXTENDED FLOW CHECK - STATIC LOSSES 2 BPH, MEANWHILE ALLOWED HI-VIS PILL TO GRAVITATE.
0115 - 0200	0.75	0-1	12 1/4	N	PA	TI	STDP	RIG	4093	4093	2900	3600	STUK	965226	RIH 4" OPEN END NON-METALLIC STINGER ON 5" DP STDS TO 2,965 FT, WASH DOWN LAST STDS.
0200 - 0315	1.25	0-1	12 1/4	N	PA	CIRC	MPMP	RIG	4093	4093			STUK	965226	CHC & HOMOGENIZE MUD IN/OUT 68 PCF. - 10 BPH DYNAMIC LOSSES @ 300 GPM.
0315 - 0345	0.5	0-1	12 1/4	N	PA	PTST	MPMP	RIG	4093	4093			STUK	965226	HPJSM, R/U CEMENT LINES AND P/T SAME - OK.
0345 - 0415	0.5	0-1	12 1/4	N	PA	CIRC	MPMP	RIG	4093	4093			STUK	965226	CIRC MEANWHILE PREPARE BATCH MIX SLURRY. - 2 BPH DYNAMIC LOSSES @ 300 GPM.
0415 - 0459	0.75	0-1	12 1/4	N	PA	CMP	OEDP	BCM	4093	4093	3600	2950	STUK	965226	SPOT KICK OFF CMT PLUG # 3, AS PER CMT PROGRAM ... ONGOING @ RT.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
17 Jan 1415	22.5	256.75	965226		STUK	STBH	BHA	TK2	4075	ROTARY STALLED AND STRING GOT STUCK AT 4075.

Foreman Remarks

========== WELL OBJECTIVE ==========
THE FOLLOWING IS THE RECOMMENDED DRILLING PROGRAM FOR ANDR-1533 WHICH IS TO BE DRILLED AS A SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-D RESERVOIR. THE WELL WILL BE COMPLETED WITH LOWER COMPLETION (OPTIONAL) AND UPPER COMPLETION ON 4-1/2" TUBING. A SUPPLEMENT WILL BE ISSUED IN CASE LOWER COMPLETION WILL BE RUN.
==========WELL DATA ========== ==
- GOR: ARAB-D: 583 SCF/BBL.
- ARAB-D H2S: 1.9%
- RER 30 PPM @ 1,085 M, RER 100 PPM @ 616 M & 1/2 LFL @ 180 M.
==========WELL DESIGN==========
* COMPLETED 24" CSG PLAN/ACTUAL: 120'/124'.
* COMPLETED 18-5/8" CSG PLAN/ACTUAL: 711'/631' (61' INTO RUS).
* COMPLETED 13-3/8" CSG PLAN/ACTUAL: 3,007'/2,966' (66' INTO AHMADI).
* ONGOING 9-5/8" CSG PLAN/ACTUAL: 5,315'/XX' (300' INTO MDTM).
* PLANNED 7" LINER PLAN/ACTUAL: 7,646' / XX' (2' TVD ABOVE ABD1).
* PLANNED 6-1/8" OPEN HOLE PLAN/ACTUAL : 11,155'/XXX'(TVD: XXX').
========== ARAMCO PERSONNEL ==========
- MATERIAL EXPEDITOR SUFUQ ALSHAMMARI #8546037 ON LOCATION SINCE 01/19/2026.
========== LSTK BAKER DSV ==========
- BHI DSV: AMR / FAISAL, BHI HSE: LUIS, BHI SUPT: AMINE.
==========RIG VISIT==========
- ARAMCO DOCED FCC ALI GOUAIDIA #8514218 ON LOCATION FOR HSEI & WCEI SINCE 01/23/2026.
==========NEXT LOCATION==========
NEXT WELL: ANDR-770
- LOCATION READINESS: 100%.
- WATER WELL: ANDR-857.
- APPROVED DRLG PROGRAM: NO
- APPROVED ERP: NO

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	0API	0	0 Volts	2.07	9.9	56,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	23	0	8 / 11	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	10	5	8 / 9	5	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	0API	0	0 Volts	1.97	9.7	58,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	21	0	7 / 9	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	10	5	7 / 8	5	0	0

MUD TREATMENT

XC	MARBLE-FINE	MARBLE-CRSE	MRBL-M	BARITE-BULK	CAUST	MICA-FINE
19 (25KG)	1 (2200L)	1 (2200L)	2 (2200L)	20 (2500L)	4 (50LB)	14 (50LB)
SOLFLKC	**SODASH**					
30 (50LB)	4 (25KG)					

BIT DATA

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ANDR-1533 DEVELOPMENT DRILLING BI-60

12/19/2025 - 02/01/2026

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	NORMAL	N/A	SEASONAL	2,877	PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	OTH	BHI	RIG	BDF	MJH	TK2	RIG	ARM	BCM	TK2	ARM
Category	CTRG	DPDS	RIG	DFMS	SEC	OTHR	OTHR	OTHR	PCS	WSC	WSC
No. of Persons	16	3	56	2	8	4	5	2	3	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	0	12	12	12	2	24	24

Total
103

TRUCKS/BOATS

Standby/Tankers
B-864

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	3000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

ANDR-257 WORKOVER-2 BI-60

01/16/2026 - 02/19/2026

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SINO-36L @ ANDR-257 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-36L
Well: ANDR-257
Wellbores: (0) ANDR_257_0

Charge #: (71-25056-0257)
Wellbores: (0) ANDR_257_0

Objective : (ST AS SINGLE LATERAL OIL PRODUCER ABD1)

Foreman(s): ALWAN, ALI ABDULLAH / HUBIL, ABDULAZIZ MUHANNA
Engineer: ALEID, ABDULRAHMAN FAHAD
Manager: KHALDI, MOHAMMED SALEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 1243	013-572-72 24	013-572-60 41 CLERK
MOBILE	CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T
0503684306 RIG MANAG ER	0138387868	0504790380 HES DSV

Last 24 hr operations
CONT PERFORME CMT JOB, POH W/ MST, M/U AND RIH W/ 9-5/8 " RTTS, PERFORM WELLHEAD WORK, POH AND L/D MST AND RTTS. RIH W/7" TIE BACK

Next 24 hr plan
CONT RIH W/7" TIE BACK, SET 7" CSG SLIPS, N/UP BOP, 7"CMT JOB, N/D BOP, N/U TBG SPOOL, N/U BOP AND P/T, RIH 6-1/8" C/O ASSY, C/O THRU 7" TIE BACK & PT.

Location
LATITUDE: 25.568631UTM EASTING: 322775.43 LONGITUDE: 49.2357741UTM NORTHING: 2829130.13

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,743	9 5/8	4215	4215	7	2,049	6,690	6,690

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6743	5.9 (01/22/2026@0800)	0	0	123	120

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	POST	N	PA	CMP	SQZ	HCM	6743	6743	6000	6000	CONT. CMT SQUEEZE JOB AS FOLLOWING: >> IN STING IN POSITION: >> PUMP 25 BBL 91 PCF SPACER. >> PUMP 85 BBL 118 PCF FLY MIX CMT BLEND. >> PUMP 5 BBLS OF 91 PCF TUNED SPACER BEHIND. >> DISPLACE W/ 28 BBLS OF 86 PCF VIS. BRINE, FROMATION LOCKED WITH 1500 PSI. >> FDP = 1500 PSI @ 0.1 BPM. >> TOT. CMT PUMPED BELOW EZSV CR = 59 BBLS. >> TOT. CMT SQUEEZED = 30 BBLS
0600 - 0700	1	0	POST	N	PA	CIRC	MPMP	RIG	6743	6743			STING OUT, REVERSE CIRCULATE 3 STRING VOLUMES WITH 90 PCF BRINE. >> RECEIVED 15 BBLS OF 118 PCF CMT ON SURFACE.
0700 - 0730	0.5	0	POST	N	PA	CIRC	MPMP	RIG	6743	6743			P/T ANNULUS TO 600 PSI- OK.
0730 - 0830	1	0	POST	N	PA	CIRC	MPMP	RIG	6743	6743			DROPPED FOAM PLUG AND DISPLACED HOLE WITH 90 PCF TOP KILL MUD..
0830 - 0930	1	0	POST	N	PA	CIRC	MPMP	RIG	6743	6743			EXTENDED FLOW CHECK, WELL STATIC.
0930 - 1030	1	0	POST	N	PA	TO	STDP	RIG	6743	6743	5800	3000	POOH WITH HALL CMT STINGER ON 4" DP/HWDP F/ 5800 FT TO 3000 FT. >> MONITOR WELL THRU TRIP TANK "WELL STATIC"
1030 - 1200	1.5	0	POST	N	PA	OTH	NA	RIG	6743	6743			M/U 9 5/8" RTTS WITH PORTED SUB TO 4" DP STRING, RIH & SET @ 200', LINE UP TO D/P & P/T BELOW 9 5/8" RTTS PKR TO 1,000 PSI - OK. STING OUT, POOH WITH SETTING TOOL, CLOSED SHEAR RAMS, P/T RTTS PKR TO 1,000 PSI - OK
1200 - 1300	1	0	POST	N	BOP	ND	BOP	RIG	6743	6743			HPJSM, N/D BELL NIPPLE, DISCONNECT EMERGENCY KILL LINES,REMOVE MOUSE HOLE HANG UP & SECURE BOP STACK . >> WELL ISOLATED W/ 3 BARRIERS : 2 MECHANICAL BARRIERS (9-5/8" RTTS & 7" EZSV-CR) & 1 NON-MECHANICAL BARRIER (FULL COLUMN OF 90 PCF KILL FLUID) PRIOR N/D BOPE .
1300 - 1800	5	0	POST	N	WH	OTH	NA	RIG	6743	6743			PERFORMED WELL HEAD WORK AS FOLLOW: >> PT 13 3/8" X 9 5/8" CCA T/ 500 PSI, OK. >> P/T 9-5/8" CSG SLIPS T/ 1,000 PSI, OK. >> DIG 6 FT FROM CELLAR. >> AL MANSOURI PERFORMED UT INSPECTION FOR 13 3/8" CSG , OK. >> N/D OLD CIW THS. >> HOT HEAD FINAL CUT 9 5/8" CSG STUB & BEVEL SAME. >> N/U NEW 13 5/8" X 13-5/8" 3M DELTA CHS WITH 9-5/8" INTERFERENCE SEALS. >> PT 9 5/8" CSG SLIP AND SEAL INTERFERENCE TO 1,000 PSI, OK.
1800 - 1930	1.5	0	POST	N	BOP	NU	BOP	RIG	6743	6743			HPJSM, N/U BOP STACK, CONNECT EMERGENCY KILL LINE.
1930 - 2030	1	0	POST	N	BOP	BOPT	RAMS	RIG	6743	6743			HPJSM, M/U 9-5/8" CUP TESTER ASSY, PT NEW WELL HEAD AND BOP BREAK OUT CONNECTIONS TO 300/2500 PSI (HOLD), L/D TEST ASSY.
2030 - 2200	1.5	0	POST	N	PA	OTH	NA	HCO	6743	6743			HPJSM, RIH HALL RTTS RETRV TOOLS, CIRC, SCREW INTO 9-5/8" RTTS, UNSET SAME & WAIT FOR PACKING TO RETRACT, F/C, WELL STATIC. POH & L/D RTTS. >> MONITOR WELL THRU TRIP TANK "WELL STATIC".
2200 - 2300	1	0	POST	N	PA	TO	STDP	RIG	6743	6743	3000	0	POOH WITH HALL CMT STINGER ON 4" DP/HWDP TO SURFACE & L/D SAME. >> MONITOR WELL THRU TRIP TANK "WELL STATIC"
2300 - 2330	0.5	0	POST	N	PA	CIRC	MPMP	RIG	6743	6743			FLOW CHECK, WELL STATIC

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LIMITED MORNING REPORT

ANDR-257 WORKOVER-2 BI-60

01/16/2026 - 02/19/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
2330 - 0000	0.5	0	POST	N	CSG	HT	PEL	ITS	6743	6743			R/D 4" DP HANDLING TOOLS, R/U ITS 7" CSG POWER TONG & HANDLING TOOLS
0000 - 0100	1	0	POST	N	CSG	RCSG	CSTR	ITS	6743	6743	0	60	HPJSM, P/U 7" TIE BACK LINER SHOE TRACK ASSY 7" MULE SHOE JT, 1 X 7" CSG JT, F. COLLAR. >> BAKER LOCK ALL CONNECTIONS >> CHECK FLOAT ,OK.
0100 - 0459	4	0	POST	N	CSG	RCSG	CTRQ	RIG	6743	6743	60	2059	RIH 7" TIE-BACK LINER, 26.0#, J-55, LTC, TO 1800'....INC >> FILL EVERY JOINT WITH 90 PCF MUD WHILE RIH.

Workover Objectives

Foreman Remarks

- ODF CORRECTION: -11.5 FT.

ARAMCO PERSONNEL ON LOCATION:

ANDR FIELD BEST RECORDS:

HES LSTK PERSONNEL ON LOCATION:
> DSV (DAY): SAYED MUSTAFA ID# H151765, ON LOCATION SINCE 19-JAN-2025.
> DSV (NIGHT): AYMAN ID# H161325 ION LOCATION SINCE 06-JAN-2026.
> HSE: YOUSIF BUHLAIQAH H296640 ON LOCATION SINCE 26-DEC-2025.

SAFETY, AUDITS & DRILLS:
> HELD TOURLY SAFETY MEETINGS WITH BOTH RIG CREWS.
> RSI (APR 15, 2025): TOTAL ITEMS: (57), CLOSED: (57), OPEN: (00).
> WELL CONTROL AUDIT (APR 15, 2025): TOTAL ITEMS: (10), CLOSED: (10), OPEN: (00).
> LPD AUDIT (FEB 10, 2025) : TOTAL ITEMS: (12), CLOSED: (12), OPEN: (00).
> 3RD QSI (SEP 16, 2025): TOTAL ITEMS: (45), CLOSED: (45), OPEN: (00).
> SAWOD INTERNAL - Q2 (MAY 06, 2025): TOTAL ITEMS: (40), CLOSED: (40), OPEN: (00).
> SECONDARY DRILL CONDUCTED ON MARCH 08 2025, JUNE 05 2025, JULY 23 2025 & 13 OCTOBER.

FUEL CONSUMPTION:
> DIESEL CONSUMPTION FOR ENGINES (RIG + CAMP) = (DAILY: 16 BBLS/CUMULATIVE FOR CURRENT WELL: 152BBLS).
> RIG & CAMP DIESEL PROVIDED BY HALL LSTK.

NEXT LOCATIONS:
- SDGM-307, WOCP RECEIVED DECEMBER 29, 2025, KOM HELD ON JANUARY 1, 2026. STRIP OUT: 100%, LOCATION 0%.

2026 WELLS WITH CENTRALIZED MAIN CAMP:
>> .

CONTRACTORS VISITS: NONE.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	BOP DRILL	11 KM/H NW TO SE	N/A	SEASONAL	3,998	PRE-SPUD, HSE ALERT-06-26 ANKLE INJURY WHILE RIH

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	RIG	HCO	HCM	TK1	ARM	SPS
Category	CTRG	RIG	DFMS	OTHR	PRTS	PCS	WSC	WSC	LWD
No. of Persons	13	53	1	4	1	5	4	2	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	12	12	0

Total
86

TRUCKS/BOATS

Standby/Tankers	Others
B880 (PM service 12/8/2025	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	300	300	10	N/A	600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LIMITED MORNING REPORT

ANDR-257 WORKOVER-2 BI-60

01/16/2026 - 02/19/2026

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LIMITED MORNING REPORT

HRDH-202 WORKOVER-1 BI-60

01/12/2026 - 02/14/2026

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SINO-37L @ HRDH-202 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-37L
Well: HRDH-202
Wellbores: (0-1) HRDH_202_1

Charge #: (71-25058-0202)
Wellbores: (0-1) HRDH_202_1

Objective : (ST AS SINGLE LATERAL OIL PRODUCER AD2A.)

Foreman(s): BENLAHRECHE, ILYES / DAHAH, MOHAMMED EL HABIB
Engineer: ALABDULLATIF, AHMED ABDULLAH / SUBAIE, ABDULLAH NASSER
Manager: KHALDI, MOHAMMED SALEH

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
+882167771 2317	013-577-96 18	013-577-96 04 (SA CLE RK)
OTHER VSAT	MOBILE	MOBILE
HALLIBURTO N /0138389 834	HALLIBURTO N/05000408 94	0556061008 (RIG MANA GER
CONTRACTOR /CLERK VSA T		
0138389838 (RIG MEDI C)		

Last 24 hr operations
CONT DRILL 6-1/8" LATERAL SECTION W/ RSS/LWD ASSY TO 9,420FT MD.

Next 24 hr plan
CONT DRILL 6-1/8" LATERAL SECTION W/ RSS/LWD ASSY TO TD @11,268FT MD.

Location
228.94 KM FROM DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,420	9 5/8	3489	3489	7	1,665	7,016	6,414

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7920	10.6 (01/17/2026@1400)	100	1,500	230	215

Formation Tops

Formations	Top Depth	Comments
SULY	4,772	8 FT DEEPER (4767' TVD)
HITH	5,452	6 FT DEEPER (5405' TVD)
ABAR	6,055	15 FT DEEPER (5816' TVD)
ARBB	6,174	15 FT DEEPER (5877' TVD)
ABBR	6,313	18 FT DEEPER (5943' TVD)
ARBC	6,375	22 FT DEEPER (5972' TVD)
ABCR	6,560	18 FT DEEPER (6050' TVD)
ARBD	6,937	23 FT DEEPEER (6179' TVD)
PADS	7,640	9 FT DEEPEER (6274' TVD)
BPDS	7,686	8 FT DEEPEER (6276' TVD)
ABD1	7,907	2 FT DEEPEER (6288' TVD)
AD2A	8,039	1 FT DEEPEER (6292' TVD)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0-1	6 1/8	N	DRLG	D	RSS	SPS	7920	9420			CONT DRILL 6-1/8" LATERAL SECTION W/ SPS I-CRUISE/LWD/MWD BHA FROM 7,920' TO 9,420' W/ 80PCF POLYMER MUD & 100% RETURN. - SPS LWD RECORDS ACTIVATED FROM 7,800FT - WASH & REAM DOWN EACH STAND DRILLED. - SWEPT HOLE AS REQUIRED. - ACTUAL WELL PATH: 17.7 FT BELOW & 1.4 FT RIGHT TO THE PLAN#3. - BIT PROJECTION AT 9,420 FT MD, INC: 90 DEG, AZM: 88 DEG, TVD: 6288 FT.

Workover Objectives

Foreman Remarks

- ODF CORRECTION: -4.0FT
- TOW @ 4670'.
- BOW @ 4683'.
- KOP @ 4694' (ACROSS MDTM FORMATION), TARGET RESERVOIR 2A05

>> SAFETY, AUDITS & DRILLS :
- 2 EA PIT DRILL.
- 1ST DOECD RHSEI 2025 (10 FEB 2025): TOTAL ITEMS: (40), CLOSED: (40), OPEN: (0).
- 1ST DOECD WCI 2025 (10 FEB 2025): TOTAL ITEMS: (5), CLOSED: (5), OPEN: (0).
- 3RD QSI 2025 (15 SEP 2025): TOTAL ITEMS: (41), CLOSED: (41), OPEN: (0).
- 3RD SAOWOD IN-HOUSE 2025 (09 MAY 2025): TOTAL ITEMS: (40), CLOSED: (40), OPEN: (0).
- SECONDARY DRILL CONDUCTED ON NOV 11, 2025, JULY 11, 2025 & NOV 07, 2024.
- 4TH QSI 2025 (14 SDEC 2025): TOTAL ITEMS: (55), CLOSED: (49), OPEN: (6).
- 4TH SAOWOD IN-HOUSE 2025 (09 DEC 2025): TOTAL ITEMS: (40), CLOSED: (39), OPEN: (1).
- LPD AUDIT 2025 (DEC 2025): TOTAL ITEMS: (22), CLOSED: (22), OPEN: (0).

>> ARAMCO PERSONNEL ON LOCATION:
-

>> HES LSTK PERSONNEL ON LOCATION:
- DSV (DAY): MAHMOUD ELSAYED ID # H177734, ON LOCATION SINCE 06-JAN-2026.
- DSV (NIGHT): RAMY EL-ZOGHBY ID# H 290604, ON LOCATION SINCE 24 JAN 2026.
- HSE ADVISOR: ZEESHAN DAVID ID #H 236353, ON LOCATION SINCE 06-JAN-2026.

>> FUEL CONSUMPTION :
- DIESEL CONSUMPTION FOR ENGINES (RIG + CAMP)= (DAILY: 37 BBLS / CUMULATIVE FOR CURRENT WELL: 346 BBLS).
- RIG & CAMP DIESEL PROVIDED BY HALL LSTK.

>> NEXT LOCATIONS:
- HWYH-59, HWYH GOSP-2, WOCP RECEIVED 04 JAN 2026, KOM HELD ON 08 JAN 2026, STRIP OUT 100% (F/ 20 TO 26 JAN 2026), LOCATION 35%.
- HWYH-323, HWYH GOSP-3, WOCP NOT RECEIVED YET, KOM NOT SCHEDULED YET, STRIP OUT 00%, LOCATION 00%.

>> WELLS WITH CENTRALIZED MAIN CAMP (2026):
- NO.

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01/12/2026 - 02/14/2026

>> CONTRACTORS VISITS:
- KHALED WAGIH HES OPS SUPERINTENDENT VISITED THE RIG.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	8,004	88.47	90.23	94	6,291	-384.2	532.06	2,153.13	1.48
0-1	8,099	89.11	89.83	95	6,293	-384.22	561.01	2,230.85	0.79
0-1	8,194	88.91	88.6	95	6,295	-383.82	589.95	2,309.12	1.32
0-1	8,288	88.38	88.19	94	6,297	-383.02	618.59	2,387.03	0.71
0-1	8,383	89.68	87.85	95	6,299	-382.02	647.52	2,466.57	1.41
0-1	8,478	89.62	87.94	95	6,299	-380.96	676.46	2,547.08	0.11
0-1	8,573	90.25	87.95	95	6,300	-379.92	705.39	2,628.6	0.66
0-1	8,667	91.54	88.04	94	6,298	-378.91	734.02	2,710.15	1.38
0-1	8,762	90.5	87.94	95	6,296	-377.9	762.96	2,793.35	1.09
0-1	8,857	90.41	88	95	6,296	-376.87	791.89	2,877.29	0.12
0-1	8,952	91.09	88	95	6,294	-375.86	820.83	2,961.91	0.72
0-1	9,047	91.38	88.06	95	6,292	-374.86	849.76	3,047.15	0.31
0-1	9,142	91.07	88.05	95	6,290	-373.88	878.69	3,132.97	0.33
0-1	9,237	90.55	88.01	95	6,289	-372.89	907.63	3,219.3	0.55
0-1	9,332	89.96	88.07	95	6,289	-371.9	936.57	3,306.12	0.62

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	1	2.6API	0	0 Volts	0	9.5	112,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	12HTHP	83	29	0	9 / 12	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	1	18	17	8 / 9	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	3API	0	0 Volts	0	9.6	115,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	12.4HTHP	92	27	0	9 / 11	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	0	16	8	7 / 8	0	0	0

MUD TREATMENT

NACL	BRZN	CAOH2
27 (2200L)	5 (25KG)	2 (25KG)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
9RR	4,694	9,420	DP Av	DC Av	Bit HHP	25	130	M332	6.125	SEC
Pressure	**GPM**	**Jet Vel**	284.79	N/A	44	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,500	250	178				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
14431433	HD54	3 x 14 /	0.451							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	24	163	225	110	10	Shock Sub Serial	Shock Sub Hrs
							0
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
18	Drillpipe	RIG	4	174	4	3.476	4,701	11,301.62	XT39	XT39	11.85	179,752.169	G105	PREM	
17	Heavy Weight Drillpipe (HWDP)	RIG	4	45	4	2.562	1,372	6,600.62	XT39	XT39	25.1	124,045.319		CONV	00
16	Drillpipe	RIG	4	135	4	3.476	4,914	5,228.62	XT39	XT39	11.85	89,608.119	G105	PREM	
15	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.562	61	314.62	XT39	XT39	25.1	31,377.219		CONV	
14	Hydraulic Jar	NOJ	4.75	1	4.75	2.25	30.44	253.62	XT39	XT39	685	29,846.119			TUE2700002
13	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.562	91.5	223.18	XT39	XT39	25.1	8,994.719		CONV	
12	Crossover	RIG	4.75	1	4.75	2.25	1.82	131.68	XT39	NC38	45	6,698.069			0019
11	Float Sub	SPS	4.75	1	4.75	2.25	1.78	129.86	NC38	NC38	45	6,616.169			13485933
10	Screen sub	SPS	4.75	1	4.75	2	5.92	128.08	NC38	NC38	45	6,536.069			13446735
9	Stabilizer	SPS	5.875	1	4.75	2.25	3.88	122.16	NC38	NC38	46.1	6,269.669			12916516
8	Measurement While Drilling (MWD)	SPS	4.75	1	4.75	1.25	11.2	118.28	NC38	NC38	46.3	6,090.801			14222134
7	Directional Sub	SPS	4.75	1	4.75	1.25	14.18	107.08	NC38	3 1/2 REG	54.85	5,572.241			90819432
6	Power & Communication Sub	SPS	4.75	1	4.75	2.25	11.85	92.9	NC38	NC38	50.86	4,794.468			90819417
5	Logging While Drilling (LWD)	SPS	4.75	1	4.75	1.263	18.27	81.05	HAL40	HAL40	52.2	4,191.777			90819420
4	Logging While Drilling (LWD)	SPS	4.75	1	4.75	1.263	18.1	62.78	HAL40	HAL-40	45.57	3,238.083			90819410

LIMITED MORNING REPORT

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HRDH-202 WORKOVER-1 BI-60

01/12/2026 - 02/14/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
3	Stabilizer	SPS	6	1	4.75	2.25	5.14	44.68	NC38	NC38	45	2,413.266			90819428
2	RSS	SPS	4.75	1	4.75	3.98	38.84	39.54	3 1/2" IF B	3 1/2" REG B	55.31	2,181.966			14005497
1	Bit	SEC	6.125	1	6.125	1.5	0.7	0.7	3 1/2" REG		48.18	33.726			14431433

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	01/27/2026	5_10 KM/HR W/E	N/A	TEMP H:25 / L:20 DG	3,186	ROUSTABOUT ANKLE TWISTED.

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SPS	RIG	BAR	SPS	TK1	RIG	TK1	ARM
Category	CTRG	DPDS	RIG	DFMS	LWD	OTHR	OTHR	WSC	WSC
No. of Persons	15	2	54	2	2	5	12	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	24	24	12	12	12	24	24

Total
97

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
VEHICLE B926	CRANE & FORKLIFT	1 X AMBULANCE	2 BUSSES

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	300	374	15	N/A	1000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-568 WORKOVER-1 BI-60

01/23/2026 - 02/26/2026

SINO-42L @ HRDH-568 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-42L
Well: HRDH-568
Wellbores: (0) HRDH_568_0

Charge #: (71-25058-0568)
Wellbores: (0) HRDH_568_0

Objective : (ST AS SINGLE LATERAL OIL PRODUCER AD2A.)

Foreman(s) ELKAMARY, AHMED ZAKAREIA / KHALIL, AYMAN KHALIL
Engineer ALABDULLATIF, AHMED ABDULLAH / SUBAIE, ABDULLAH NASSER
Manager KHALDI, MOHAMMED SALEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677711 728	5779665	5779663
MOBILE	MOBILE	CONTRACTOR /CLERK VSA T
0503216586 (SINO)	0504121548 (HAL)	8389840 (H AL)

Last 24 hr operations: R/D ON HRDH-1536 , R/M & R/U HRDH-568.

Next 24 hr plan: R/D ON HRDH-1536 , R/M & R/U HRDH-568.

Location: 237.13 KM FROM DHAHRAN MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,257	9 5/8	3666	3666	7	1,827	7,290	7,290

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10257	0 (@)		0	238	237

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	PRE	N	RM	PJSM	NA	RIG	10257	10257			HPJSM WITH RIG CREW & ALL RIG MOVE INVOLVED PERSONNEL, EMPHASIZED FOLLOWING ALL SA SAFETY RULES & REQUIREMENTS DURING RIG MOVE OPERATIONS , CRITICAL LIFTS, LOAD SECUREMENT, WORKING AT HEIGHT & SWA .
0600 - 1700	11	0	PRE	N	RM	RM	NA	RIG	10257	10257			R/D ON HRDH-1536, R/M & R/U ON HRDH-568 . ================ RIG MOVE ACTIVITIES= ============== >> LOAD, MOVE & SPOT MINI CAMP . >> CONNCET MAST TO SUB-BASE & ASSEMBLE MAST SECTIONS . >> SPOT DRILLER CABIN & RIG FLOOR ACCESSORIES .
1700 - 0459	12	0	PRE	N	RM	OTH	NA	RIG	10257	10257			HPJSM , GENERAL HOUSEKEEPING & MISCELLANEOUS WORK . ====================== REMARKS== ================== >> 90% R/D ON HRDH-1536 , 90% R/M TO HRDH-568 & 50% R/U ON HRDH-568 . >> LOADS MOVED TODAY : 36 / ACCUMULATIVE LOADS: 175 . >> DAYS SINCE RIG RELEASE: 5.54 DAYS . >> RIG MOVE DISTANCE : 41.9 KM. >> RIG MOVER : 25 TRUCKS , 5 X CRANES (2 X 90 TN, 3 X 55 TN), 1 X FORKLIFT , 2 X TRUCKPUSHERS , 2 X RIGGER-1. >> HIGHWAY CROSSING: YES. >> DISMANTLE MAST: YES. >> DISMANTLE SUB-BASE: YES. >> DISMANTLE ACCOMMODATION : YES . >> RIG RELEASED FROM HRDH-1536 TO HRDH-568 ON 01-22-2026 @ 16:00 HRS . ================= WELL SECUREMENT=== ================ >> HRDH-568 SECURED WITH 4-1/2" MLP SET @ 210' ON JAN 23, 2026 @ 12:00 HRS.

Workover Objectives

Foreman Remarks

>> ODF CORRECTION :-
==========
>> RELIEF WELL: HRDH-1395.
>> NEAREST GOSP: HRDH GOSP-2.
>> SKID ROAD : 8 KM
==========
SAFETY, AUDITS & DRILLS :
>> LAST 24 HRS DRILLS:- 0 X DRILL.
>> ONGOING AUDIT: N/A .
>> RSI (MARCH 04, 2025): TOTAL ITEMS: (51), CLOSED: (51), OPEN: (00).
>> WELL CONTROL AUDIT (MARCH 03, 2025): TOTAL ITEMS: (11), CLOSED: (11), OPEN: (00).
>> LPD AUDIT (JUN 04, 2025) : TOTAL ITEMS: (11), CLOSED: (11), OPEN: (00).
>> 4TH QSI (NOV 27, 2025): TOTAL ITEMS: (57), CLOSED: (55), OPEN: (2).(TWO ITEMS FOR P4)
>> SAOWOD INTERNAL - Q4 (NOV 14, 2025): TOTAL ITEMS: (53), CLOSED: (51), OPEN: (2).(TWO ITEMS FOR P4)
>> SECONDARY DRILL CONDUCTED ON OCT 08 2025, OCT 24 2025, OCT 31 2025.
==========
ARAMCO PERSONNEL ON LOCATION :
- SAOWOD SAFETY ADVISOR SAMKUMAR RAMA CHELLA ID#8563526 ON LOCATION 1/25/2026.
==========
HES LSTK PERSONNEL ON LOCATION :
>> HSE: SURESH ID# H232888 ON LOCATION SINCE 11/24/2025.
>> DSV (DAY): MAHMOUD ID#H137453 ON LOCATION SINCE 1/20/2026.
>> DSV (NIGHT): YAHYA ID#H316370 ON LOCATION SINCE 1/14/2026.
==========
NEXT LOCATIONS :-

Username: YUAYANAL
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LIMITED MORNING REPORT

HRDH-568 WORKOVER-1 BI-60

01/23/2026 - 02/26/2026

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>> HWYH-324 (HWYH-GOSP-4 -OIL PRODUCER) : KOM OM 01-5-2025 - STRIP OUT 0% , LOCATION 0 % . (CAMP CENTRELIZATION: NO).
==========

CONTRACTORS VISITS:
>> SINO SUPT WU JIAN VISIT RIG .

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	13 KM/H , NE	N/A	H: 15 DEG / L: 5 DEG	4,412	RIG MOVE

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	RIG	ARM	TK1	ARM	
Category	CTRG	RIG	OTHR	OTHR	WSC	WSC	
No. of Persons	13	65	12	1	3	2	Total 96
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	12	12	24	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
H653	AMBULANCE	BUS	MINI-BUS	RIG PICK UP

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	16	N/A	600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
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Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

SDGM-1516 DEVELOPMENT DRILLING BI-60

01/16/2026 - 02/21/2026

أرامكو السعودية
saudi aramco

SINO-43L @ SDGM-1516 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-43L
Well: SDGM-1516
Wellbores: (0) SDGM_1516_0

Charge #: (66-24054-1516)
Wellbores: (0) SDGM_1516_0

Objective : (THIS WELL WILL BE DRILLED AND COMPLETED AS A SINGLE LATERAL HORIZONTAL OIL PRODUCER (PHZ) IN ARAB-D)

Foreman(s) ALJAFARY, ABDULRAHMAN ZAKI / ALNUJYADI, YOUSEF SAAD
Engineer ALROQAIE, ABDULAZIZ ABDULLAH
Manager HELLI, SAMI SULAIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12805	578 4016	578-4315 (CLINIC)
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
578 4136 (CLERK)	813 7801 (SLB)	

Last 24 hr operations
MM DRILL 22" HOLE SECTION TO CP (56 FT TVD INTO RUS FM). CHC, POOH & L/D 22" MTR BHA, RIH & CMT 18-5/8" CSG.

Next 24 hr plan
N/D 30" DIVERTER, CUT 18-5/8" CSG, N/U 21-1/4" 2K DIVERTER. M/U & RIH 16" BHA, D/O SHOE TRACK 20' ABOVE SHOE, TEST CSG, DRILL 16" HOLE SEC.

Location: SDGM-1516
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
786							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
460	2.5 (01/25/2026@1730)	100	326	100	100

Formation Tops

Formations	Top Depth	Comments
RUS	730	23 FT SHALLOWER.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0800	3	0	22	N	DRLG	DMR	MMOT	SDM	460	555			MMTR DRILL 22" HOLE SECTION W/ CONTROLLED PARAMETERS W/ 65 PCF SPUD MUD & 100% CIRC.
0800 - 0830	0.5	0	22	N	DRLG	RR	TDS	RIG	555	555			SERVICE TOP DRIVE & PERFORM DROP OBJECT SURVEY.
0830 - 1315	4.75	0	22	N	DRLG	DMR	MMOT	SDM	555	786			MMTR DRILL 22" HOLE SECTION W/ 65 PCF SPUD MUD & 100% CIRC. - WOB: 40-60 KLBS, RPM: 40-100, TRQ: 6-12 K.FT-LBF. - SWEEP HOLE W/100 BBL HVP AFTER DRILLING EACH JNT. - REAM UP/DOWN FULL STAND PRIOR TO CONNECTION. - SPOTTED 100 BBL HVP IN OH PRIOR TO CONNECTION.
1315 - 1345	0.5	0	22	N	DRLG	SDR1	NA	RIG	786	786			CONDUCT STAND DOWN MEETING WITH RIG CREW & DISCUSS SAFETY CULTURE IMPROVEMENT, PTW, JSA & ENFORCE SWA.
1345 - 1515	1.5	0	22	N	DRLG	CIRC	MPMP	RIG	786	786			SWEEP HOLE WITH 3X 100 BBL HI-VIS PILL & CHC, SPOT 200 BBL HI VIS PILL ON BTM. - DROP TOTCO.
1515 - 1530	0.25	0	22	N	DRLG	OTH	NA	RIG	786	786			FLOW CHECK, WELL STATIC.
1530 - 1600	0.5	0	22	N	DRLG	TO	STDP	RIG	786	786	786	186	POOH 22" MTR BHA FROM 786' MD TO 186' MD. - RIG USING HAND-FREE TOOLS DURING TRIPPING.
1600 - 1845	2.75	0	22	N	DRLG	HT	BHA	RIG	786	786			POOH TO SURFACE & L/D 22" MMOT ASSY. - HOLE IN GOOD CONDITION. - BIT DULL GRADING: 1-1-WT-A-E-I-NO-TD. - TOTCO READING: 1.0 DEG. - RIG USING HAND-FREE TOOLS DURING TRIPPING.
1845 - 2015	1.5	0	22	N	CSG	HT	PEL	RIG	786	786			HPJSM, R/D RIG POWER TONG & 5" ELEVETOR. R/U NABORS 18-5/8" CSG RUNNING EQUIPMNT & HANDLING TOOLS. - CHANGE TDS LINKS & FUNCTION TEST CSG RUNNING EQUIPMENT.
2015 - 2045	0.5	0	22	N	CSG	PJSM	CSG	RIG	786	786			HPJSM PRIOR TO RUNNING 18-5/8" CSG. DISCUSS CSG RUNNING PROCEDURE, REVIEW JSA, ASSIGN ROLES & RESPONSIBILITIES & ENFORCE SAFE WORK & SWA. - DISCUSS & SHOW D&WO REEL SAFE: DANGERS ASSOCIATED WITH THE USE OF MANUAL TONGS.
2045 - 2145	1	0	22	N	CSG	RCSG	CTRQ	NAC	786	786	0	85	RIH 18-5/8" CSG (115# J55 BTC FBE-EPC) SHOE TRACK AS FOLLOWS: 18-5/8" FS, 1 X JT 18-5/8" CSG + FC + 1 X JT 18-5/8" CSG. - TEST FLOATS AT SURFACE W/ WATER: OK. - BAKER LOCK SHOE TRACK JT.
2145 - 2315	1.5	0	22	N	CSG	RCSG	CTRQ	NAC	786	786	85	786	RIH 18-5/8" CSG TO 593 FT. TAG BTM. - WASH DOWN LAST JT & TAG BTM W/ 5-10 KLBS TWICE. - FILL UP CASING EACH JT. - M/U ALL JOINTS TO BASE OF TRIANGLE. - P/U SHOE 1 FT OFF BOTTOM PRIOR TO CMT JOB.
2315 - 0100	1.75	0	22	N	CSG	CIRC	MPMP	RIG	786	786			CIRCULATE 1.5 X CSG CAPACITY W/ 65 PCF SPUD MUD.
0100 - 0200	1	0	22	N	CSG	OTH	CSG	TK3	786	786			HPJSM, R/U CMT HEAD & CMT SURFACE LINES. P/T TO 300/3,000 PSI.
0200 - 0459	3	0	22	N	CSG	CMC	CSG	SCM	786	786			PERFORM 18-5/8" CSG CMT JOB AS FOLLOWS: - RIG PUMP 100 BBLS OF 65 PCF SPUD MUD. - RIG PUMP 100 BBLS OF WATER.

LIMITED MORNING REPORT

SDGM-1516 DEVELOPMENT DRILLING BI-60

01/16/2026 - 02/21/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- SLB MIX ON FLY & PUMP 225 BBLS OF 118 PCF CMT SLURRY. - DROP TOP PLUG & DISPLACE W/ 10 BBLS 118 PCF CMT + 20 BBLS WATER + 190 BBL SPUD MUD. - BUMP PLUG W/ 800 PSI. HOLD FOR 10 MIN OK. BLEED OFF, FLOATS HOLDING - OK. - RECIEVED 20 BBLS PURE CMT ON SURFACE. - CIP @ 04:30 HRS. ** CMT ADDITIVES: 0.002 GAL/SK VBWOC D047 + 0.15 % BWOC D013

Foreman Remarks

WELL SDGM-1516 WILL BE DRILLED AND COMPLETED AS A SINGLE LATERAL HORIZONTAL OIL PRODUCER (PHZ) IN ARAB-D RESERVOIR. THIS WELL WILL BE COMPLETED WITH 4.5" ICDS SLIDING SLEEVES OR ZONAL ISOLATION SYSTEM AS LOWER COMPLETION AND SLB UPPER COMPLETION WITH SSD (WITHOUT SSSV OR PDHMS).
========== SAFETY ==========
- CONDUCT DAILY SAFETY & PRE-TOUR MEETING.
- PERFORM DAILY RADIO CHECK WITH DH ECC.
- PREFORM SDGM-1516 PRE SPUD MEETING BETWEEN ARAMCO AND SLB AT 12/9/2025.
- REVIEW NM# 10808896.
-MAIN CAMP IS CENTER FROM WELL SDGM-1500 8.5KM FROM RIG SITE, WITH SERVICE HAND FOR PORTABLE H2S MONITORS SYSTEM.
========== WELL DESIGN ==========
- 28" HOLE, 24" CSG PLAN/ACTUAL: 120' / 120'
- 22" HOLE, 18-5/8" CSG PLAN/ ACTUAL: 803' / 786'
- 16" HOLE, 13-3/8" CSG PLAN/ACTUAL: 2,788' /
- 12-1/4" HOLE, 9-5/8" CSG PLAN/ACTUAL: 4,447' /
- 8-1/2" HOLE, 7" LINER PLAN/ACTUAL: 7,720' MD, 6,900' TVD /
- 6-1/8" OPEN HOLE PLAN/ACTUAL: 10,808' MD, 6,895' TVD /
========== ARAMCO PERSONNEL==========.
- MATERIAL EXPEDITOR ALI ALHUNTUSHI #8496232 ON LOCATION SINCE 1/19/2026.
- ARAMCO MATERIAL EXPEDITOR AHMED ALHARBI #809481 ON LOCATION SINCE 01/26/2026.
==========LSTK PERSONNEL ON LOCATION==========
- SLB WSL: CHIRAG / ADESH.
- SLB HSE: KAIFEE.
- RIG MANAGER: SU YONG. C
========== RIG VISITS==========
- OOODD HSE MR. OTHMAN, MOHD FAIZAL VISITED THE RIG & DISCUSS SHIFT HANDOVER.
==========NEXT LOCATION==========
-NEXT WELL: SDGM-1524, ERP: NO, DP: NO.
==========ARAMCO VEHICLE==========
- ARAMCO CAR DOOR NUMBER E882, LAST SERVICE: JAN/08/2026, NEXT SERVICE DUE MARCH/08/2026.
==========SERVICE COMPANY, RENTAL TOOLS & OTHERS==========
- 2 VACCUM TANKER & ONE SPRAY WATER TANKER ON LOCATION.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	0	9.6	2,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	34	0	21 / 24	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
78	0	12	5	18 / 20	0	360	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	0	9.5	2,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
95	0HTHP	95	32	0	20 / 23	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
76	0	12	5	16 / 18	0	360	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5	1	5	4.276	30	762.61	NC50	NC50	19.5	147,284.248	G105	PREM	
11	Heavy Weight Drillpipe (HWDP)	RIG	5	10	5	3	306.02	732.61	NC50	NC50	50.14	146,699.248		CONV	ON FILE
10	Crossover	RIG	8.5	1	8.5	2.813	1.6	426.59	NC50	6 5/8 REG	178	131,355.405			227
9	Drillcollar	RIG	8.5	8	8.5	2.813	241.82	424.99	6 5/8 REG	6 5/8 REG	178	131,070.605		SPRL	ON FILE
8	Crossover	RIG	9.5	1	9.5	2.813	2.25	183.17	6 5/8 REG	7 5/8 REG	220	88,026.645			1606048
7	Drillcollar	RIG	9.5	3	9.5	2.813	88.8	180.92	7 5/8 REG	7 5/8 REG	220	87,531.645		SPRL	ON FILE
6	Stabilizer	SDM	22	1	9.5	3	5.99	92.12	7 5/8 REG	7 5/8 REG	364.3	67,995.645			5-2200-BXRR-023
5	Drillcollar	RIG	9.5	1	9.5	2.813	29.27	86.13	7 5/8 REG	7 5/8 REG	206.57	65,813.488		SPRL	2017127066
4	Shock Sub	SJS	12	1	12	3.25	13.28	56.86	7 5/8 H90	7 5/8 H90	4,500	59,767.184			16760KA
3	Stabilizer	SDM	22	1	9.5	3	5.4	43.58	7 5/8 REG	7 5/8 REG	1.19	7.184			5-2200-BXRR-023
2	Mud Motor	SDM	11.25	1	11.5		36.33	38.18			0	0.758			1125-40-009
1	Bit	SMT	22	1	22		1.85	1.85	7-5/8" REG		0.41	0.758			RS7441

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SDGM-1516 DEVELOPMENT DRILLING BI-60

01/16/2026 - 02/21/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	1,005	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	SMI	MJH	RIG	TK3	ARM	TK3	ARM
Category	CTRG	RIG	DFMS	SEC	SEC	OTHR	OTHR	WSC	WSC
No. of Persons	17	60	1	8	2	9	2	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	0	24	24	12	24	24

Total
103

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

UTMN-1075 WORKOVER-2 BI-60

01/26/2026 - 03/01/2026

أرامكو السعودية
saudi aramco

SINO-45L @ UTMN-1075 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-45L
Well: UTMN-1075
Wellbores: (0) UTMN_1075_0

Charge #: (71-25057-1075)
Wellbores: (0) UTMN_1075_0

Objective : (ST AS SINGLE LATERAL OIL PRODUCER AD2A.)

Foreman(s) TILAKA, KEVIN CHRISTOPHER / IBRAHIM, WALID SAYED
Engineer ALI, AMIN TAHA AMIN
Manager SAEGH, ABDULLAH SULIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088-216-7 7712563	013 577-96 66	013 577-96 42
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T
013 838984 6 HALL DSV	050 545058 9 RIG MGR	013 838-98 49 MEDIC

Last 24 hr operations
R/D ON UTMN-1479, R/M & R/U TO UTMN-1075.

Next 24 hr plan
R/D ON UTMN-1479, R/M & R/U TO UTMN-1075.

Location
132.78 KM FROM DHARAN MAIN GATE AND WELL CONNECTED TO UTMN GOSP-8.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,717	9 5/8	4796	4796	7	2,362	7,290	7,290

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7717	0 (@)		0	133	133

Formation Tops
Formations | Top Depth

Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	RM	NA	RIG	7717	7717			HELD RIG MOVE SAFETY MEETING WITH ALL PERSONNEL'S, DISCUSSED CRANE SAFETY REQUIREMENTS, PPE, WORKING AT HEIGHTS, STOP WORK AUTHORITY AND REVIEW RIG UP GAME PLAN, PTW, JSA'S, POTENTIAL HAZARDS WHILE RIG MOVE OPERATIONS & PREVIOUS SAFETY ALERTS RELATED TO RIG MOVE OPERATIONS. > R/D ON UTMN-1479: 50%. > R/M TO UTMN-1075: 35%. > R/U ON UTMN-1075: 10%. R/D ACTIVITIES: ============ - UNSPOOL DRILLING LINE. - R/D TB BLOCK. - DISMANTLE MAST SECTIONS INTO PIECES. - R/D DOG HOUSE. - FLARE LINE. - MUD TANKS & MUD PUMPS. R/M ACTIVITIES: ============ - MUD TANKS. - MUD PUMPS. - STAND PIPE MANIFOLD. - OTHERS. - VENT & FLARE LINES. - DOG HOUSE. - MONKEYBOARD. R/U ACTIVITIES: ============ - MUD SYSTEM. - MUD PUMPS. ========== RIG RELEASE AT 05:00 O'CLOCK ON JAN 25, 2025. ========== - RIG MOVE DISTANCE = 75.8 KM (BLACK TOP: 73.5 KM, SKID ROAD: 2.3 KM) - RIG CAMP MOVE DISTANCE = 60 KM (BLACK TOP: 55 KM, SKID ROAD: 5 KM) - HIGH WAY : YES. - DISMANTLE MAST: YES. - DISMANTLE SUB-BASE: YES. - RIG MAINTAINANCE: NO. - TOTAL PRE-MOVE LOADS: 30 LOADS. - LOADS MOVED: TODAY / TOTAL / PLANNED: 26/ 96/ 175. - DAYS SINCE RIG RELEASE = 3 DAYS. - NET RIG MOVE TIME = 2.17 DAYS. - CRANES : 80 TON=2, 75 TON=1,70 TON=1,55 TON=1, FORK LIFT =1, LOW BED TRUCKS=21. - RIGGER-1: 2 & TRUCK PUSHER= 2.- ALL PERSONNEL & EQUIPMENT HAVE VALID CERTIFICATIONS & STICKERS. ========== >>UTMN-1075 SECURED WITH 4 1/2" MLP @ 190 FT, OK. ========== REMARKS== ========== >> UTMN-1479 SECURED WITH 4 1/2" MLP @ 180 FT, PT SAME TO 1,000 PSI, OK

Workover Objectives

Foreman Remarks

- ODF CORRECTION :

LIMITED MORNING REPORT

UTMN-1075 WORKOVER-2 BI-60

01/26/2026 - 03/01/2026

==========VACUUM TANKERS ON UTMN-1479==========
** VACUUM TANKER, PLATE# 7560 HSA DOOR NO. TOTAL TRIPS: 1 TRIP

** VACUUM TANKER, PLATE# 1999 EJA DOOR NO. TOTAL TRIPS: 1 TRIP

** VACUUM TANKER, PLATE# 9682 DSA DOOR NO. TOTAL TRIPS: 1 TRIP

** VACUUM TANKER, PLATE# 8384 LSA DOOR NO. TOTAL TRIPS: 1 TRIP
==========SAFETY==========
- 4TH SAWOD INTERNAL OPEN (6) .
- 4TH QSI-2025: TOTAL ITEMS: (53), CLOSED: (52), OPEN: (1)
- RHSI: TOTAL ITEMS: (37), CLOSED: (37), OPEN: (0).
- WC AUDIT: TOTAL ITEMS: (9), CLOSED: (9), OPEN: (0).
- LPD AUDIT: TOTAL ITEMS: (26), CLOSED: (26), OPEN: (0).
- SAOWOD INTERNAL- Q3 (4-SEP-2025), TOTAL ITEMS: (41), CLOSED: (41), OPEN: (0)
========== SAFETY DRILLS==========
- NIL
==========ARAMCO PERSONEL==========
>> SAOWOD SAFETY ADVISOR SANDEEP PRAKASH DAULE ON LOCATION SINCE 01/26/2026.
>> SAOWOD HSE ADVISOR ZUBAIR KHAN #8071178 ON LOCATION FOR RPKU-3 WELL UTMN-787 HSE SUPPORT.
>> SAOWOD HSE ADVISOR ALLAN KIRBY GANELO #8451165 ON LOCATION FOR RPKU-3 WELL UTMN-787 HSE SUPPORT.
==========HES PERSONNEL==========
>> MOHAMMED ID# H146820 (DSV), MOHAMMED ID# H288447 (NSV) & DANISH ID#H177293 (HSE).
========== ==========DIESEL==========
>> RIG & CAMP DIESEL PROVIDED BY HALLIBURTON LSTK.
==========NEXT LOCATON==========
>> UTMN-212 KOM HELD ON 11/26/2025, STRIP OUT 100% , LOCATION READINESS 15% WELL SECURED BY PE (NEED TO INSTALL CELLAR, CAMP CENTRELIZATION: YES).
==========CONTRACTOR VISITS==========
>>NIL

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	9-15 KM/H N TO S	ONSHORE RIG.	H: 47 DEG/L: 29 DEG	2,842	RIG DOWN,

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	TK1	RIG	ARM	TK1	ARM	
Category	CTRG	RIG	OTHR	OTHR	OTHR	WSC	WSC	
No. of Persons	16	63	2	46	3	3	2	Total 135
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	
Operating Hours.	0	24	12	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
PICK UP H682	AMBULANCE 4X4	bus	ARAMCO VEHICLE #H682

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
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LIMITED MORNING REPORT

SHYB-499 DEVELOPMENT DRILLING BI-60

01/05/2026 - 02/22/2026

أرامكو السعودية
saudi aramco

SINO-46L @ SHYB-499 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-46L
Well: SHYB-499
Wellbores: (0) SHYB_499_0

Charge #: (66-25072-0499)
Wellbores: (0) SHYB_499_0

Objective : (DUAL-LATERAL HORIZONTAL OIL PRODUCER TARGETING SHUAIBA RESERVOIR)

Foreman(s): BOUHAFS, FARID / ALOTAIBI, MUTEB GHAZI
Engineer: JAROUDI, BASSAM ADNAN / MUHANNA, MESHARI HAMAD
Manager: ALSHAMMARI, ABDULLAH SHUWAYHIT

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12265	578-8512	BAKER DSV 8137803

CONTRACTOR /CLERK VSA T: 578-8508

Last 24 hr operations: CONT WIPER TRIP, CHC & SPOT CSG GO PILL, POOH & L/D 16" DIR BHA, RUN 13-3/8" CSG.

Next 24 hr plan: CONT RUN 13-3/8" CSG TO BTM, CHC, PERFORM 1ST STAGE CMT JOB, WOC.

Location: SHYB-499, SABKHAH-56

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
3,982	18 5/8	1709	1709				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
3982	13.6 (01/14/2026@1400)	98	0	574	685

Formation Tops

Formations	Top Depth	Comments
RUS	1,660	41' DEEPER
UMER	2,359	2' DEEPER
ARUM	3,803	AS PER PLAN.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0745	2.75	0	16	N	DRLG	BR	STRG	RIG	3982	3982	3200	2750	HARD BACKREAM TIGHT HOLE INTERVAL & CHECK INTERVAL FOR FREE PASS TWICE- OK.
0745 - 0930	1.75	0	16	N	DRLG	ST	STDP	RIG	3982	3982	2750	1709	POOH 16" MTR/MWD ASSY FOR WIPER TRIP ON ELEVATOR TO 18-5/8" CSG SHOE @ 1709'.
0930 - 1000	0.5	0	16	N	DRLG	OTH	NA	RIG	3982	3982			FLOW CHECK - STATIC LOSSES 8 BPH.
1000 - 1215	2.25	0	16	N	DRLG	ST	STDP	RIG	3982	3982	1709	3982	RIH 16" MTR/MWD ASSY FOR WIPER TRIP TO BTM @ 3982'. - TIGHT HOLE @2293', CLEARED SAME & CHECK FOR FREE PASS TWICE- OK. - WASH DOWN LAST STAND.
1215 - 1245	0.5	0	16	N	DRLG	PJSM	NA	RIG	3982	3982			HELD STAND DOWN MEETING WITH CREW DISCUSS OPERATION HAZARDS & REEL-SAFE 03-26 CATWALK LIFTING POINT FAILURE.
1245 - 1430	1.75	0	16	N	DRLG	CIRC	MPMP	RIG	3982	3982			SWEEP HOLE TWICE WITH 30 BBLS LOW VIS FOLLOWED BY 50 BBLS WEIGHTED-HVP & CHC. - SPOT 250 BBLS CSG GO PILL. - DYNAMIC LOSSES: 15 BPH.
1430 - 1445	0.25	0	16	N	DRLG	OTH	NA	RIG	3982	3982			FLOW CHECK - STATIC LOSSES 8 BPH.
1445 - 1530	0.75	0	16	N	DRLG	TO	STDP	RIG	3982	3982	3982	3500	POOH 16" MTR/MWD ASSY ON ELEVATOR TO 3500'. - OPEN HOLE IN GOOD CONDITION. - MONITOR WELL ON TRIP TANK & TRIP SHEET.
1530 - 1545	0.25	0	16	N	DRLG	OTH	NA	RIG	3982	3982			FLOW CHECK - STATIC LOSSES 8 BPH.
1545 - 1815	2.5	0	16	N	DRLG	TO	STDP	RIG	3982	3982	3500	1709	POOH 16" MTR/MWD ASSY ON ELEVATOR TO 18-5/8" CSG SHOE @ 1709. - OPEN HOLE IN GOOD CONDITION. - MONITOR WELL ON TRIP TANK & TRIP SHEET.
1815 - 1845	0.5	0	16	N	DRLG	OTH	NA	RIG	3982	3982			FLOW CHECK - STATIC LOSSES 8 BPH.
1845 - 1915	0.5	0	16	N	DRLG	TO	STDP	RIG	3982	3982	1709	980	POOH 16" MTR/MWD ASSY ON ELEVATOR TO 980' - 5 STDS ABOVE BHA. - MONITOR WELL ON TRIP TANK & TRIP SHEET.
1915 - 1930	0.25	0	16	N	DRLG	OTH	NA	RIG	3982	3982			FLOW CHECK - STATIC LOSSES 8 BPH.
1930 - 1945	0.25	0	16	N	DRLG	TO	STDP	RIG	3982	3982	980	600	POOH 16" MTR/MWD ASSY ON ELEVATOR TO 600' - TOP OF BHA. - MONITOR WELL ON TRIP TANK & TRIP SHEET.
1945 - 2000	0.25	0	16	N	DRLG	OTH	NA	RIG	3982	3982			FLOW CHECK - STATIC LOSSES 8 BPH.
2000 - 2330	3.5	0	16	N	DRLG	HT	BHA	RIG	3982	3982			HPJSM, POOH 16" MTR/MWD ASSY TO SURFACE & L/D SAME. - L/D BHI 16" BIT & MUD MOTOR / MWD DIRECTIONAL BHA. - BIT DULL GRADING: 2-3-CT-A-X-E-LT-TD.
2330 - 0000	0.5	0	16	N	DRLG	OTH	NA	RIG	3982	3982			HELD STAND DOWN MEETING WITH CREW DISCUSS OPERATION HAZARDS & REEL-SAFE 03-26 CATWALK LIFTING POINT FAILURE.
0000 - 0230	2.5	0	16	N	CSG	HT	PEL	BCR	3982	3982			CLEAR RIG FLOOR, L/D TDS LINKS, R/U BAKER 13-3/8" CSG HANDLING TOOLS, POWER TONG, CRT & JAM UNIT.

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

SHYB-499 DEVELOPMENT DRILLING BI-60

01/05/2026 - 02/22/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0230 - 0300	0.5	0	16	N	CSG	PJSM	CSG	RIG	3982	3982			HELD PRE JOB SAFETY MEETING WITH CREW AND DISCUSS OPERATION HAZARDS FOR 13-3/8" CSG RUNNING.
0300 - 0430	1.5	0	16	N	CSG	RCSG	CSTR	BCR	3982	3982	0	86	P/U & M/U 13-3/8" CSG (72#, VM-95HC, VAM TOP, FBE-EPC) SHOE TRACK: F/S + 2 JTS 13-3/8" CSG + F/C (BAFFLE PLATE). - CHECK FLOAT EQUIPMENT - OK. - THREAD LOCK FIRST FIVE JOINTS. - MONITOR WELL ON TRIP TANK - STATIC LOSSES 5 BPH.
0430 - 0459	0.5	0	16	N	CSG	RCSG	CTRQ	BCR	3982	3982	86	289	CONT, RIH 5 JTS 13-3/8" (72#, VM-95HC, VMP TOP, FBE-EPC) CSG TO 289' MD (7/97 JTS TOTAL). - FILL UP EVERY JOINT WHILE RIH. - THREAD LOCK FIRST FIVE JOINTS. - MONITOR WELL ON TRIP TANK - STATIC LOSSES 5 BPH.

Foreman Remarks

WELL SHYB-499 WILL BE DRILLED AS A DUAL LATERAL OIL PRODUCER IN THE SHU'AIBA RESERVOIR. THE WELL WILL BE COMPLETED WITH A 7" CONVENTIONAL COMPLETION AND 2 TUBING PDHMS, THE TIME ESTIMATE FOR THE WELL IS 50 DAYS.
==========ERP==========
- NO GI WELL IS REQUIRED TO BE SHUT-IN BEFORE SPUDDING .
- MAX H2S % CONCENTRATION: 0.35 MOLAR %, GOR = 752 SCF/STB, RER 30 PPM 742 M, RER 100 PPM 375 M, 1/2 LFL: 289 M.
- RELIEF WELLS SHYB-430 / E 808249.95 M, N 2496100.16 M (DISTANCE 1394 M)- PRIMARY ; SHYB-427 - SECONDARY
- PMT WORKING ON WELL SHYB-990 (DISTANCE = 647 M)- WITHIN 30 PPM RER.
- WORKOVER RIG NA-207S WORKING ON WELL SHYB-432 (DISTANCE = 1200 M)- IN SAME SABKHAH#56 & OUT OF 30 PPM RER.
- ACTIVATED COMMUNICATION PROTOCOL BETWEEN SINO-46L/ NA-207S / PMT (WORKING ON SAME SABKAH-56) ON JAN-13-2026
========== WELL DESIGN ==========
** 34" SECTION - 30" CASING (40 FT MD TO 167 FT MD) TOTAL FOOTAGE = 127 FT, 0 DEG INC
** 28" SECTION - 24" CASING (167 FT MD TO 907 FT MD) TOTAL FOOTAGE = 740 FT, 0 DEG INC
** 22" HOLE SECTION - 18 5/8" CASING (907 FT TO 1,710 FT MD) TOTAL FOOTAGE = 803 FT, 50' INTO RUS, 0 DEG INC
** 16" HOLE SECTION - 13 3/8" CASING (1,710 FT MD- 3,982 FT MD) TOTAL FOOTAGE = 2272 FT, 155' INTO ARUMA, 31 DEG INC
** 12.25" HOLE SECTION - 9 5/8" CASING (3,978 FT MD TO 5,758 FT MD) TOTAL FOOTAGE = 1780 FT, 2' TVD ABOVE SHUAIBA FM, 80 DEG INC
** 8-1/2" HOLE SECTION - 7" LINER (5,458 FT MD TO 8,424 FT) TOTAL FOOTAGE = 2666 FT, INTO SHUAIBA FM, 90 DEG INC
** 6-1/8 MOTHER BORE : 13000 FT MD , 5050 FT TVD, TOTAL FOOTAGE = 4576 FT, INTO SHUAIBA FM, 90 DEG INC
** 6-1/8" LATERAL-1: TOW: 8024 FT, TD @ 12,400 FT, TVD: 5050 FT, TOTAL FOOTAGE = 4376 FT, INTO SHUAIBA FM, 90 DEG INC
** TOTAL PLANNED WELL FOOTAGE: 17,336 FT, TOTAL PLANNED RESERVOIR CONTACT: 8,952 FT
==========ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO CLERK NAGARAJAN SIVANATHAM ID #8049997 ON LOCATION SINCE 09/10/2025.
- ARAMCO FOREMAN AHMED GHALIB #8524356 ON LOCATION SINCE 01/27/2026.
==========LSTK OR CONTRACTOR MANAGEMENT VISIT ==========
- THIS IS BAKER LUMP SUM TURNKEY WELL SUPERVISOR: RAHIM / MOHAMMED, HSE: MAAN
==========SERVICE COMPANY & RENTAL TOOLS (OOS)==========
- MUDLOGGING SERVICES: GEOLOG CREWS & EQUIPMENT ARRIVED LOCATION ON 01/13/2026 AT 9:00 HRS.
- 9 RAW WATER TANKERS ON LOCATION FOR SUPPLY WATER FROM WATER WELL SHYB-870
- SINOPEC 2EA X H2S/LEL STANDALONE SENSORS & TECHNICIAN ON LOCATION SINCE 01/15/2026.
==========NEXT LOCATION==========
- NEXT WELL: SHYB-918 (SABKHA#60)
- LOCATION READINESS: 50%.
- WATER WELL: SHYB-1004 (NOT READY-NEED PUMP)
- WELL CHARGE: YES
- APPROVED DRLG PROGRAM: NO
- APPROVED ERP: NO

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	5.6API	0	0 Volts	2.7	9.7	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	26	0	8 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	1	9	5	7 / 9	0	400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	5.8API	0	0 Volts	2.7	9.8	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	95	25	0	8 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
47	1	9	5	7 / 9	0	400	0

MUD TREATMENT

CAUST	MARBLE-FINE	MICA-FINE	CACO3-FLAKES-M	XANPLEX-D	PALFLC STARCH	NEWDRLPLUS
1 (25KG)	1 (2200L)	45 (25KG)	1 (2200L)	18 (25KG)	10 (25KG)	4 (25KG)
NACL						
1 (2200L)						

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4RR	1,710	3,982	DP Av	DC Av	Bit HHP	N/A	N/A	HYB	16	HTC

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

SHYB-499 DEVELOPMENT DRILLING BI-60

01/05/2026 - 02/22/2026

أرامكو السعودية
saudi aramco

Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
N/A	N/A	N/A	N/A	N/A	N/A	2	3	CT	A	E

Serial Numi	Type	Jets	TFA
7917277	KMX636	12 x 12 /	1.325

Gauge	Other	POOH Reas
0		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	72	N/A	N/A	N/A	N/A		0

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs
			0

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5	1	5	4.638	30	1,464.75	XT50	XT50	19.5	136,387.713	CYX105N	PREMIUM	
11	Heavy Weight Drillpipe (HWDP)	RIG	5	30	5	2.813	921.7	1,434.75	XT54	XT54	50	135,802.713		CONV	1
10	Crossover	RIG	8	1	8	2.75	1.9	513.05	XT54	6 5/8 REG	133.2	89,717.713			1606065
9	Drillcollar	RIG	8.5	2	8.5	2.81	60.13	511.15	6 5/8 REG	6 5/8 REG	154	89,464.633		SPRL	
8	Hydraulic Jar	NPC	9	1	9	2.75	26.5	451.02	6-5/8"REG	6-5/8"REG	236.5	80,204.613			HMJ-900-0015
7	Drillcollar	RIG	8.5	8	8.5	2.81	244.8	424.52	6 5/8 REG	6 5/8 REG	154	73,937.363		SPRL	1
6	Crossover	RIG	9.5	1	9.5	3	2.6	179.72	7 5/8 REG	6 5/8 REG	212.4	36,238.163			89554-1-2
5	Drillcollar	RIG	9.5	3	9.5	3	91.99	177.12	7 5/8 REG	7 5/8 REG	204	35,685.923		SPRL	
4	Measurement While Drilling (MWD)	BHI	9.5	1	9.5	3	36.06	85.13	7 5/8 REG	7 5/8 REG	239.48	16,919.963			ZDHP12732419
3	Stabilizer	BHI	12.25	1	8.5	2.821	6.89	49.07	6 5/8 REG	6 5/8 REG	0	8,284.314			SDT-7570
2	Mud Motor	BHI	9.5	1	9.5	7.5	40.89	42.18	7-5/8" REG	7-5/8" REG	202.6	8,284.314			16113777
1	Bit	HTC	16	1	16	0	1.29	1.29	7-5/8"REG		0	0	0		7917277

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	2,478	TWICE

PERSONNEL AND SERVICES INFORMATION

Company	BCR	OTH	BHI	RIG	BDF	MJH	SNS	RO1	RIG	ARM	BCM	OTH	TK2	ARM	HDV
Category	CSR	CTRG	DPDS	RIG	DFMS	SEC	H2S	MLS	OTHR	OTHR	PCS	VAC	WSC	WSC	DV
No. of Persons	3	14	3	60	1	4	1	4	11	1	3	9	2	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	6	0	18.5	24	24	0	12	24	12	12	0	0	24	24	2

Total
120

TRUCKS/BOATS

Standby/Tankers
E831

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	501	N/A	N/A	4500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

PRINTER# BP434269 NOT PRINTING (TICKET NUMBER: INC000047279477)

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

SAHB-17 WORKOVER-1 BI-90

12/26/2025 - 03/02/2026

أرامكو السعودية
saudi aramco

SINO-48 @ SAHB-17 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-48
Well: SAHB-17
Wellbores: (0-1) SAHB_17_1

Charge #: (61-25008-0017)
Wellbores: (0-1) SAHB_17_1

Objective : (K | REPLACE TUBING: REPLACE DAMAGED TUBING IN PRODUCTION/OBSERVATION WELLS)

Foreman(s) ADDAL, BOUZID / MADAOUI, ABDERRAHMANE
Engineer PINHO, DANILO ARAUJO CARIBE DE A / KHAN, FAIZAN BARI
Manager ABU RASAIN, AMER MANE

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 4259	013-576-38 93	013-576-38 87

Last 24 hr operations
DRILL 5-7/8" HOLE SECTION (S-SHAP) W/ WFD RSS/MWD/GR TO 13,060 FT.

Next 24 hr plan
DRILL 5-7/8" HOLE SECTION (S-SHAP) W/ WFD RSS/MWD/GR TO TD AT 14,917' MD/14,858'TVD (193' MD INTO PUZU).(REMINING FOOTAGE +/- 1,857').

Location: IN SAHBA
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,060	9 5/8	10581	10581	7	10,272	14,245	14,245

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12875	27.5 (12/31/2025@1700)	100	275	279	279

Formation Tops

Formations	Top Depth	Comments
SUDR	12,303	12,303' TOW IN SUDR .
SDDM	12,415	12,413' TVD.
KHFF	12,880	12,870' TVD ,10' DEEPER .

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0-1	5 7/8	N	DRLG	D	RSS	WDS	12785	13060			DIRECTIONAL DRILL 5-7/8" HOLE SECTION (S-SHAPE) W/ WFD RSS/MWD/GR ASSY & 105 PCF OBM. 100% RETURN. - PUMP HI VIS PILL AS REQUIRED. - FOLLOW INTEGRATED HORIZONTAL DRILLING PRACTICES V-4 (LOW-RISK). - FOLLOW STUCK PIPE AVOIDANCE GUIDELINES. - TREAT ACTIVE SYSTEM WITH BRIDGING MATERIAL HOURLY. - FLOW CHECK WHILE CONNECTION WELL STATIC. - TAKE SURVEY EACH CONNECTION. - DRILLING WITH CONTROLLED WOB DUE TO VIBRATION SINCE WE START DRILL IN KHUFF. - DAILY / TOTAL HRS: 24/58 HRS. - DAILY / TOTAL AVG ROP: 11.45/ 12.67 FPH. - LAST SURVEY/ MD: 12,988', INC: 19.01 DEG, AZM: 179.5 DEG , TVD: 12,973', DLS : 3.06 DEG. - PROJECTION TO BIT/ MD: 13058', INC: 12.3 DEG, AZM: 179.5 DEG, TVD: 12,973', DLS: 3.06 DEG. - WELL PATH POSITION: (0.07 ABOVE, 2.25' LEFT).

Workover Objectives

Foreman Remarks

CURRENT 9 5/8" X 13 5/8" CCA AFTER 96 HRS CLOSING PERIOD : 75 PSI .
==========LOCATION DIRECTIONS==========
SAHB-17. THE WELL IS LOCATED 1.273 KM S47E OF SAHB-29 AND 2.323KM S73E OF SAHB-807.
==========ODF CORRECTION==========
- RKB FOR RIG SINO-48 = 40.8 FT.
- ODF CORRECTION F/RIG NBR-783 ((37 FT) = - 3.8 FT.
========== >> JOURNEY MANAGEMENT PLAN << ==========
- CALL RIG SINO-48 AT (0135763893 / 0135763887 / THURAYA +8821677714259)
- ALL VEHICLES SHOULD ACTIVATE JMP & FOLLOW APPROVED ROAD AND SIGN BOARD WITH NO SHORT CUT.
- SKID ROAD ENTRANCE COORDINATES 250 M NE 24.1505405 48.7372308
========== >> ERP << ==========
- RER DISTANCES: 1/2 LFL,100 RER,30 RER 99 M (1/2 LFL) 0 M (100 PPM RER) 0 M (30 PPM RER)
- STAGING AREA #1 COORDINATES 500 M NE 24.149868 48.739871
- STAGING AREA #2 COORDINATES 700 M NW 24.151538 48.728663
========== >> SAFETY << ==========
PRE-TOUR SAFETY MEETINGS (2); WEEKLY SAFETY MEETINGS: (0); STOP CARDS (15); PTW: (2); JSA: (2); NEAR MISS (0); INCIDENTS: (0);
DRILLS: PIT DRILL (2); TRIP DRILL (0); H2S MUSTER DRILL (1); FIRE PUMP DRILL (0);SWAD (0); ACCUMULATOR DRILL 0; MAN DOWN DRILL (0); FIRE DRILL (1); H2S RESCUE (0);BOP FUNCTION TEST (0); RADIATION DRILL - SOURCE LOST & LEAK (0); SECURITY DRILL (0); OIL SPILL DRILL (0);JM (JOURNEY MANAGEMENT) SEARCH AND RESCUE DRILL (0)
MEETING TOPICS DISCUSSED :
< UNDERSTAND THE WORK TO BE PERFORMED.< UNDERSTAND THE WORK PERMIT SCOPE, CONDITIONS, AND LIMITATIONS.< CONFIRM THAT THE WORK PERMIT IS VALID.< STOP WORK IF PERMIT CONDITIONS CHANGE, AND NOTIFY THE SUPERVISOR.< DEFINE THE SCOPE OF WORK AND DETERMINE IF A WORK PERMIT IS REQUIRED.< CONFIRM THAT ALL HAZARDS ARE IDENTIFIED AND ASSOCIATED RISKS ARE CONTROLLED, INCLUDING THOSE INVOLVING SIMULTANEOUS OPERATIONS.< COMMUNICATE WORK PERMIT INFORMATION TO ALL INVOLVED IN THE WORK, AS WELL AS THOSE AFFECTED BY THE WORK.< STARTS.< FREQUENTLY CHECK THE WORKSITE TO ENSURE< ONCE THE WORK IS COMPLETE, CONFIRM THAT THE WORKSITE HAS BEEN RETURNED TO A SAFE CONDITION.
SAFETY TOPICS :LIFESAVING RULE-WORK PERMIT
HSE ALERTS: HSE ALERT 08-26 - ROUSTABOUT ANKLE TWISTED

========== ARAMCO PERSONNEL ==========
- ARAMCO SAOGDD FCT SALEM ALGHAMDI ID#796696 ON LOCATION SINCE 01/23/26.
- ARAMCO PDP MUTAB ALMARRI ID#894004 ON LOCATION SINCE 01/11/26.
- ARAMCO MATERIAL EXPEDITOR MESFER ALSHAMRANI B#8411032 ON LOCATION 1/5/2026.
==========SERVICE COMPANIES==========

LIMITED MORNING REPORT

SAHB-17 WORKOVER-1 BI-90

12/26/2025 - 03/02/2026

> OES MUD ENGINEER
> HLB MUD ENGINEER
> NOV CENTRIFUGE
> WFD DD/MWD ENGINEER
> GEOLOG MUD LOGGING
==========RENTAL TOOLS==========
> OIL-SERV 100 BBL 20% HCL ACID BULK SINCE 1/27/2026 AT 19:00 .
> 4 3/4" COUGAR DRILLING JAR SN DRILLIG JAR ,DJ10-500-127 ON LOCATION 1/23/2026, 18:30 PM.

==========COST OPTIMIZATION:MUD COST==========
>> MANY THANKS TO ARAMCO SHADGUM MUD PLANT FOR THEIR STRONG SUPPORT TO RIG (SPECIAL THKS TO MAHMOUD)
TRANSFERED 1420 BBLS X 98-102 PCF OBM F/ MUD SDGM PLANT FOR SIDETRACK
RECEIVED 220 BBLS 113 PCF OBM FROM SND-2023
========== CLOSED LOOP SYSTEM ==========
- USE RIG THREE SIDE BIN, LINED CEMENT PIT W/PLASTIC LINER, WASTE TANKS, NO WATER PIT, NO WASTE PIT.
==========NEXT WELLS==========
> NEXT WELL: GZLN-2, UNZC WSE, PRE-WORKOVER MEETING DONE 1/6/2026, STRIP OUT NOT REQUIRED. LOCATION PREPARATION 80%, WOCP RUNNING
> 2 ND NEXT WELL: SHDN-43, NDE, TUBING REPLACEMENT, PRE-WORKOVER MEETING DONE, STRIP OUT NOT DONE. LOCATION NOT READY, WOCP APPROVED
> 3 RD NEXT WELL: AWTD-16, GAS PRODUCER, PRE-WO MEETING DONE. STRIP-OUT 0%. LOCATION READY 0%. WOCP IS NOT ISSUED YET.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	12,799	14.02	178.83	94	12,791	-47.47	4.35	156.4	2.51
0-1	12,892	16.07	179.48	93	12,881	-54.83	4.45	180.48	2.21
0-1	12,988	19.01	179.49	96	12,973	-63.65	4.53	209.34	3.06

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	2	0API	56.6	673 Volts	6.27	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
132	1.2HTHP	14	17	0	11 / 16	OBM	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	30	29.4	8 / 9	0	0	2.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	2	0API	56.5	703 Volts	6.27	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
136	1HTHP	14	16	0	11 / 16	OBM	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	30	29.5	8 / 9	0	0	3

MUD TREATMENT

BARITE	CACO3-25	CARBOTROL	CAOH2	MRBL-M	MRBL-M	CACO3-50
5 (5000L)	36 (55LB)	8 (55LB)	24 (55LB)	1 (2200L)	24 (55LB)	24 (55LB)
ADAPTA	**STELSEALFN**	**STELSL50**				
4 (50LB)	24 (55LB)	24 (55LB)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
12	12,325	13,060	DP Av	DC Av	Bit HHP	17	150	M432	5.875	REED
Pressure	**GPM**	**Jet Vel**	291.22	N/A	39	I-Row	O-Row	DC	Location	Bearings
2,500	220	157				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S323955	SK711M1A	3 x 14 /	0.451							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	230	240	225	3,700		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	31	5,221.14	XT54	XT54	24.7	90,908.508	S135	PREM	TALLY
15	Crossover	RIG	5.75	1	5.75	2.5	2.63	5,190.14	NC38	XT39	42	90,142.808			3959
14	Drillpipe	RIG	4	135	4	3.34	4,254.65	5,187.51	XT39	XT39	14	90,032.348	XD105	PREM	TALLY
13	Heavy Weight Drillpipe (HWDP)	RIG	4	24	4	2.563	736.15	932.86	VX40	VX40	29.03	30,467.248		CONV	TALLY
12	Hydraulic Jar	CTC	4.75	1			33.93	196.71			55	9,096.814			DJ10-500-127
11	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.56	61.37	162.78	XT39	XT39	28.24	7,230.664		CONV	TALLY
10	Crossover	RIG	4.938	1	4.938	2.125	1.8	101.41	XT39	NC38	48	5,497.575			39519
9	Float Sub	WDS	4.75	1	4.75	1.875	3	99.61	3 1/2 REG	3 1/2 REG	57	5,411.175			14345879
8	Screen sub	WDS	4.656	1	4.656	2.25	10	96.61	NC35	NC38	62	5,240.175			WDS0188
7	Float Sub	WDS	4.75	1	4.75	1.875	3	86.61	3 1/2 REG	3 1/2 REG	55	4,620.175			13711422
6	Anti Stick-Slip Tool	TMX	4.75	1			16.25	83.61			55	4,455.175			A47098
5	Non Magnetic Drill Collar (NMDC)	WDS	4.75	1	4.75	2.25	16	67.36	NC38	NC38	55	3,561.425		SPRL	SBD4172-1

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LIMITED MORNING REPORT

SAHB-17 WORKOVER-1 BI-90

12/26/2025 - 03/02/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
4	Stabilizer	WDS	5.875	1	4.75	2.25	4.42	51.36	NC38	NC38	55	2,681.425			STD14669
3	Measurement While Drilling (MWD)	WDS	4.75	1	4.75		25.17	46.94			50.44	2,438.325			13802543
2	RSS	WDS	4.75	1	4.75		21.25	21.77			55	1,168.75			00
1	Bit	REED	5.875	1	5.875		0.52	0.52				0			S323955

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	01/22/2026	N/A	N/A	N/A	763	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RIG	WDS	RIG	BAR	OES	RO1	RIG	ARM	BRD	ARM
Category	CTRG	DPDS	RIG	DFMS	DFMS	MLS	OTHR	OTHR	SCS	WSC
No. of Persons	15	4	47	1	1	4	8	3	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	12	12	24	12	12	10	24

Total
86

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	241	247	23	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-1964 WORKOVER-1 BI-60

01/18/2026 - 03/11/2026

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SINO-49 @ HRDH-1964 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SINO-49 Well HRDH-1964 Wellbores: (0) HRDH_1964_0	(71-25058-1964) Wellbores: (0) HRDH_1964_0	(RE-ENTER, DE-COMPLETE, AND SIDETRACK THE WELL AS PRESET)	BENGUERDI, TARIQ / ALSUDYYES, WALEED SULAIMAN BEGLIYEV, AMANMYRAT IBRAHIM, ALI ABDULRAZAK

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00 88 216 77714288	013 576786 5	013 576782 5
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013 667073 6 (CLINIC)	013 576786 2	

Last 24 hr operations	Next 24 hr plan
RIG UP ON HRDH-1964	RIG UP ON HRDH-1964, COMPLETE PRE SPUD CHECKLIST, RECORD WH PRESSURES, P/T HARD LINES W/ WATER. P/T HARD LINES W/ N2.

Location	Next Location
286 KM FROM DMG	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
17,250	9 5/8	10434	10434	4 1/2	12,382	17,248	

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
17250	0 (@)		0	242	286

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	RM	NA	RIG	17250	17250			R/U ON THE NEW LOCATION HRDH-1964 >HOLD RIG MOVE SAFETY MEETING WITH ALL PERSONNEL. > GENERAL R/U IN NEW LOCATION. INSTALL AND COMMISSIONING TDS & ROUGHNECK; CONNECT FLARE LINE TO CHOKE MANIFOLD; CONNECT KILL AND CHOKE LINE BETWEEN CHOKE MANIFOLD AND WELLHEAD; FUNCTION TEST FIRE PUMP, H2S > LOADS MOVED TODAY: 0 > TOTAL LOADS MOVED: 232 > R/D : 100%. > R/M : 100% > R/U : 95%. > RELEASED THE RIG ON 01/17/2025 @ 12:00. > DAYS SINCE RIG RELEASED: 10.7 DAY. > DISTANCE BETWEEN OLD & NEW LOCATION: 68 KMS

Workover Objectives

Foreman Remarks

OBJECTIVE: HRDH-1964 WORKOVER TO SIDETRACK THE WELL AS A DEVIATED PRESET FOR UBCTD TO THE EAST DIRECTION.

> WATER WELLS: HRDH-853 WW
========== PLANNED CASING DEPTHS ==========
LATERAL-01:-
TOW: & BOW:
========== JOURNEY MANAGEMENT PLAN ==========
- CREATE JOURNEY MANAGEMENT PLAN BEFRORE LEAVING YOUR COMPANY BASE.
- ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT/ EXTRA SPARE TIRES.
- DRIVING DISTANCE FROM DAMMAM TO RIG: 286 KM.
========== PERSONNEL ON BOARD ==========.
- ARAMCO FOREMAN KARIM FEKRACHE #728278 ATTENDING COURSE IN DH.
- ARAMCO MATERIAL EXPEDITOR OSAMA NAQI ID#818690 ON LOCATION ON 1/19/2026.
========== AUDITS ==========
- PCI COMPLETED
- 4TH QSI COMPLETED.
- HAZCOM, CEHA, PTW COMPLETED.
- HSE GAP ANALYSIS COMPLETED
========== H.S.E ==========
SAFETY MEETING: TOPICS DISCUSSED : SHARE HSE ALERT 08-26:ROUSTABOUT ANKLE TWISTED.
NEAR MISSES TODAY: 00
DWLTI: 646.
WEEK : 3.
DRILLS:
==========DIRECTIONAL DATA==========

========== RENTAL EQUIP & PERSONNEL ==========

========== DRLG FLUID COST OPTIMIZATION ==========

========== RIG VISITS ==========

==========NEXT WELL==========
HRDH-2718

DAILY SURVEY

LIMITED MORNING REPORT

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HRDH-1964 WORKOVER-1 BI-60

01/18/2026 - 03/11/2026

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MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/S	N/A	SEASONAL	646	EACH SHIFT

PERSONNEL AND SERVICES INFORMATION

Company	GEP	SJC	RIG	RIG	EMC	RIG	ARM	ARM	OCT
Category	WHES	PCS	CTRG	RIG	DFMS	OTHR	OTHR	WSC	PCS
No. of Persons	1	3	14	49	1	17	1	2	3
Personnel on Loc. Hrs.	12	12	24	24	24	24	24	24	7
Operating Hours.	0	0	0	24	12	12	12	24	0

Total
91

TRUCKS/BOATS

Standby/Tankers
F-108

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	211	200	N/A	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-4109 DEVELOPMENT DRILLING BI-60

01/09/2026 - 02/15/2026

SINO-50L @ UTMN-4109 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-50L
Well: UTMN-4109
Wellbores: (0) UTMN_4109_0

Charge #: (66-24057-4109)
Wellbores: (0) UTMN_4109_0

Objective : (SINGLE LATERAL HORIZONTAL OIL PRODUCER WELL TARGETING ARAB-D)

Foreman(s): ALKHALIFAH, RAYAN RAED / ALQAHTANI, SULTAN FAHAD
Engineer: ALROQAIE, ABDULAZIZ ABDULLAH
Manager: HELLI, SAMI SULAIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+822 16 77 71 3773	013 577 02 42	013 664 88 05

CONTRACTOR /CLERK VSA T: 013 577 56 06

Last 24 hr operations
DRESS CSG, N/U THS & BOP, P/T BOP & THS, M/U & RIH 8-1/2" C/O BHA, DRILL DV & RIH.

Next 24 hr plan
DRILL SHOE TRACK, P/T CSG, POOH WITH 8-1/2" C/O BHA. M/U & RIH 8-1/2" RSS BHA, DRILL 8-1/2" SECTION.

Location
177 KM FROM DH MG, ON DHAHRAN - HRDH HW TURN RIGHT AND FOLLOW RIG SIGN BOARD

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
3,728	9 5/8	3726	3726				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
3728	11.7 (01/16/2026@1230)	0	0	177	177

Formation Tops

Formations	Top Depth	Comments
RUS	555	24' SHALLOWER (AS PER RCC)
ARUM	1,250	157' SHALLOWER (AS PER RCC)
LAMS	1,635	81' SHALLOWER (AS PER RCC)
AHMD	1,970	ON PLAN (AS PER RCC)
SFNY	2,280	7' SHALLOWER (AS PER RCC)
SHUB	3,170	56' DEEPER (AS PER RCC)
BYDH	3,410	55' DEEPER (AS PER RCC)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	12 1/4	N	BOP	BOP	BOP	RIG	3728	3728			HPJSM, HANG BOP STACK, ROUGH CUT 9-5/8" CSG AND L/D CUT OFF CSG JT. - DRESS 9-5/8" CSG. - CSG STUB LENGTH AFTER DRESSING - 5". - L/D CUT OFF JT. - BARRIERS IN PLACE (UN-PERFORATED CEMENTED 9 5/8" CASING, MUD HYDROSTATIC).
0600 - 0800	2	0	12 1/4	N	WH	PTST	WH	FME	3728	3728			HPJSM, N/U 13-5/8" 3M X 11"- FMC THS W/ 2-1/16"-3M GATE VALVE & 13-5/8" 5M X 11" 3M DSA. - P/T CAVITY BETWEEN LOWER SEAL, RING GASKET & CSG SLIPS TO 2,000 PSI FOR 15 MINS. OK. - P/T CAVITY BETWEEN LOWER & UPPER SEALS TO 2,000 PSI FOR 15 MINS. OK.
0800 - 1000	2	0	12 1/4	N	BOP	NU	BOP	RIG	3728	3728			HPJSM, N/U 13-5/8 5M CLASS A BOP & RELATED LINES.
1000 - 1015	0.25	0	12 1/4	N	BOP	PJSM	BOP	RIG	3728	3728			SAFETY MEETING BEFORE BOP P/T WITH CREW - DISCUSS PROCEDURE, SAFETY CONCERNS. - ASSIGNED ROLES & RESPONSIBILITIES. - BARRICADED AREA & SECURED HP UNIT.
1015 - 1030	0.25	0	12 1/4	N	BOP	BOP	BOP	RIG	3728	3728			FUNCTION TEST BSR, FROM ALL STATIONS. - CHECKED ALARMS - OK.
1030 - 1045	0.25	0	12 1/4	N	BOP	BOP	BOP	RIG	3728	3728			PERFORM BOP FUNCTION TEST FROM ALL STATIONS.
1045 - 1115	0.5	0	12 1/4	N	BOP	BOP	BOP	RIG	3728	3728			RUN IN HOLE FMC 11 TEST PLUG ASSY: (TORQUE ALL CONNECTIONS BELOW TEST PLUG): 2 STD X 5HWDP + TEST PLUG + 1 JNT X 5DP + 10 FT X 5DP PJ + SES + FOSV+ 10 FT X 5DP PJ.
1115 - 1145	0.5	0	12 1/4	N	BOP	PJSM	BOP	RIG	3728	3728			HOLD STAND DOWN MEETING WITH CREW DISCUSSED ABOUT OPERATION HAZARDS, STOP WORK AUTHORITY & SAFETY CULTURE IMPROVEMENT. - DISCUSS LAST SAFETY ALERTS AS PER FOREMAN REMARKS SECTION.
1145 - 1215	0.5	0	12 1/4	N	BOP	BOPT	BOP	RIG	3728	3728			HPJSM, FLUSH ALL BOP COMPONENTS & FUNCTION TEST BOP FROM ALL CONTROL PANELS.
1215 - 1500	2.75	0	12 1/4	N	BOP	BOPT	BOP	RIG	3728	3728			P/T 13-5/8" 5M CLASS "A" BOP & ALL RELATED LINES TO 300/3000 PSI AS PER ARAMCO STANDARDS.
1500 - 1530	0.5	0	12 1/4	N	BOP	BOPT	RBOP	RIG	3728	3728			PERFORM ACCUMULATOR DRAW DOWN TEST WITH ISOLATING CHARGING PUMPS, RECORD RESPONSE TIME, OK. - ALL RAMS & ANNULAR CLOSED WITHIN STANDARD TIME.
1530 - 1645	1.25	0	12 1/4	N	BOP	BOPT	BOP	RIG	3728	3728			POOH & L/D BOP TEST ASSY. P/U, M/U CUP TESTER ASSY & RIH.
1645 - 1800	1.25	0	12 1/4	N	BOP	BOPT	BOP	RIG	3728	3728			P/T WELLHEAD & SIDE OUTLET VALVES TO 300/3000 PSI AS PER ARAMCO STANDARDS. - L/D CUP TESTER ASSY.
1800 - 1830	0.5	0	12 1/4	N	BOP	SDR1	NA	RIG	3728	3728			

LIMITED MORNING REPORT

UTMN-4109 DEVELOPMENT DRILLING BI-60

01/09/2026 - 02/15/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													PERFORM H2S DRILL - DISCUSSED PERFORMANCE & AREAS OF IMPROVEMENT.
1830 - 1900	0.5	0	12 1/4	N	WH	SET	WBSH	RIG	3728	3728			INSTALL 11" FMC WEAR BUSHING.
1900 - 2000	1	0	12 1/4	N	DRLG	RR	RSYS	RIG	3728	3728			CHANGE SAVER SUB.
2000 - 2200	2	0	12 1/4	N	DRLG	HT	BHA	RIG	3728	3728			HPJSM, P/U, M/U AND RIH WITH 8-1/2" C/O BHA TO 1,137 FT. - 8-1/2 MTI BIT: MODEL: XR+C; NOZZLES: 3 X 20; SN: RS7087; M/U TQ: 16 KFT-LBS; IRR + BIT SUB WITH FLOAT VALVE + 2 STD 6-1/2" DC (RIH IN SINGLES) + X/O + 9 STD 5HWDP + 6-1/2" JAR (HMJ650-068) +1 STD 5HWDP.
2200 - 2315	1.25	0	12 1/4	N	DRLG	TI	STDP	RIG	3728	3728	1137	1696	RIH WITH 8-1/2" C/O BHA ON 5" DP STANDS F/ 1,137 FT TO 1,696 FT. - SLOW DOWN LAST 2 STANDS.
2315 - 2345	0.5	0	12 1/4	N	DRLG	PJSM	NA	RIG	3728	3728			HOLD STAND DOWN MEETING WITH CREW DISCUSSED ABOUT OPERATION HAZARDS, STOP WORK AUTHORITY & SAFETY CULTURE IMPROVEMENT. - DISCUSS LAST SAFETY ALERTS AS PER FOREMAN REMARKS SECTION.
2345 - 0015	0.5	0	12 1/4	N	DRLG	RW	BIT	SBT	3728	3728	1696	1825	WASH DOWN FROM 1,696 FT W/ 5" DP SINGLES & TAG TOC AT 1,825 FT W/ 5 KLB. - FR: 400 GPM, SPP: 300 PSI.
0015 - 0145	1.5	0	12 1/4	N	DRLG	DC	TDS	RIG	3728	3728	1825	1891	DRILL OUT CMT ABOVE DV, CLOSING PLUG & DV FROM 1,825 FT TO 1,891 FT. - DV TOOL AT 1,852 FT. - WOB: 5-25 KLB, RPM: 40-65, TQ: 1.0-2.0 K FT.LBF - FR: 450 GPM, SPP: 550 PSI
0145 - 0215	0.5	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	3728	3728			SWEPT HOLE W/ 30 BBLS HVP. - DRESS DV 3 TIMES - CONFIRM FREE PASS.
0215 - 0459	2.75	0	12 1/4	N	DRLG	TI	STDP	RIG	3728	3728	1891	3220	RIH 8-1/2" C/O BHA FROM 1,891 FT TO 3,220 FT W/ 5" DP SINGLES. - MONITOR WELL ON TRIP TANK / TRIP SHEET, OK.

Foreman Remarks

UTMN-4109 - WILL BE DRILLED AS A SINGLE LATERAL HORIZONTAL OIL PRODUCER WELL IN UTMN FIELD TARGETING ARAB-D RESERVOIR.
- THE WELL WILL BE COMPLETED WITH SLB ICD/PSSD LOWER COMPLETION AND SLB UPPER COMPLETION.
- THE WELL IS NOT LOCATED IN SHALLOW GAS AREA.
- UTMN-2210 GAS WELL 328M - SHUT IN) INSIDE 100PPM.
- UTMN-2264 (GAS-489M), UTMN-2272 (GAS-518M) & UTMN-56 (OIL-577M- SHUT IN) ARE WELLS INSIDE 30 PPM.
- NO INJECTOR/DISPOSAL WELLS WITHIN A 2 KM RADIUS.
========== ERP, RIGS & FACILITIES INSIDE 100/30 PPM RER ==========
- GOR: 515 (SCF/STB) & 1.18% H2S, 1/2 LFL: 158 (M), 30 PPM: 711 (M), 100 PPM: 373 (M).
- RELIEF WELL UTMN-1347. WELL IS LOCATED 1.35 KM TO NW.
- STAGING AREA#1 : 0.98 KM N - STAGING AREA#2: 0.9 KM SE.
==========WELL DESIGN ==========
- DRILL 28" HOLE X 24" PLANNED CP @ 120 FT, ACTUAL 120 FT.
- DRILL 22" HOLE X 18-5/8" PLANNED CP @ 629 FT, (50 FT TVD INTO RUS), ACTUAL 606 FT.
- DRILL 16" HOLE X 13-3/8" PLANNED CP @ 2,020 FT, (50 FT INTO AHMADI), ACTUAL 2,020 FT.
- DRILL 12-1/4" . HOLE X 9-5/8" PLANNED CP @ 3,655 FT, (300 FT INTO BYDH), ACTUAL 3,728 FT.
- DRILL 8-1/2" DIR. HOLE TO 10,386 FT MD (2' TVD ABOVE ABD1), ACTUAL XXXX FT MD.
- DRILL 6-1/8" HZ. HOLE TO 11,907 FT MD, ACTUAL XXXXX MD FT.
========== SAFETY ==========
- DISCUSS LINE OF FIRE HAZARD, RED ZONE ,PINCH POINT, CRANE & FORKLIFT SAFETY OPERATION .
- DICUSS HSE ALERTS: HSE ALERT 08-26 (ROUSTABOUT ANKLE TWISTED), HSE ALERT 09-26 (TRUCK ROLLOVER), HSE ALERT 10-26 (FIRE AND PROPERTY DAMAGE IN ACCOMMODATION).
- DRILLS: NONE.
========== ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO MATERIAL EXPEDITOR TURKI ALDHAFEERI #8530515 ON LOCATION SINCE 01/19/2026.
- ARAMCO MATERIAL EXPEDITOR ABDULRAHMAN ALSHMRANI #8506101 ON LOCATION SINCE 01/21/2026.
- ARAMCO PDP ABDULLAH ALZAHRANI #810621 ON LOCATION SINCE 01/27/2026.
========== SITE SECURITY ON LOCATION ==========
- MUJAHIDEEN ON LOCATION SINCE 08/08/2024.
========== SERVICE COMPANY & RENTAL TOOLS ==========
- 2 ROWAD ALJAZEERA'S VACUUM TANKERS ON LOCATION SINE 12/11/2025.
- 4 ROWAD ALJAZEERA'S VACUUM TANKERS ON LOCATION SINE 01/06/2026.
- 4 ROWAD ALJAZEERA'S VACUUM TANKERS ON LOCATION SINE 01/16/2026.
==========LSTK PERSONNEL ON LOCATION==========
- THIS IS A SLB LUMP SUM TURN KEY WELL.
- LSTK SLB: JATINDER/DELMAR/ SAAD/MUHANNAD - SINO: RIG MANAGER HU.
========== VISITS ==========
- NONE.
==========ARAMCO VEHICLE ==========
- ARAMCO CAR DOOR NUMBER B865, LAST SERVICE: 1/13/2026, NEXT PM 04/10/2026 (LAST AVL MAIN. 11/11/2025).
========== NEXT WELL ==========
NEXT WELL UTMN-4114:
- LOCATION READINESS: 70%.
- DRILLING PROGRAM/ERP: NO/NO.
- WATER WELL: UTMN-919.

DAILY SURVEY

Username: YUAYANAL
Database: EPPR
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

UTMN-4109 DEVELOPMENT DRILLING BI-60

01/09/2026 - 02/15/2026

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MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	9.8API	0	0 Volts	6.37	9.6	27,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	22	0	10 / 14	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	1	12	7	10 / 11	7.5	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	9.8API	0	0 Volts	6.37	9.6	27,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	21	0	10 / 13	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	1	12	7	9 / 10	7.5	280	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5RR	3,728	3,728	DP Av	DC Av	Bit HHP	N/A	N/A	117	8.5	SMT
Pressure	**GPM**	**Jet Vel**	0	0	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	0	0				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
RS7087	XR+C	3 x 20 /	0.92							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
8	Drillpipe	RIG	5	197	5	4.276	6,216	7,355.66	NC50	NC50	19.5	186,464.1	S135	PREM	
7	Heavy Weight Drillpipe (HWDP)	RIG	5	3	5	3	91.58	1,139.66	NC50	NC50	49	65,252.1		SPRL	
6	Hydraulic Jar	SJS	6.5	1			33.24	1,048.08	NC50	NC50	92	60,764.68			09212KB
5	Heavy Weight Drillpipe (HWDP)	RIG	5	27	5	3	827.56	1,014.84	NC50	NC50	49	57,706.6		SPRL	
4	Crossover	RIG	6.5	1	6.5	2.75	2.66	187.28	NC50	NC46	92	17,156.16			551-14
3	Drillcollar	RIG	6.5	6	6.5	2.813	180.8	184.62	NC46	NC46	92	16,911.44		SPRL	
2	Float Sub	RIG	6.75	1	6.75	2.81	3.02	3.82	NC46	4 1/2 REG	92	277.84			551-112
1	Bit	SMT	8.5	1			0.8	0.8	4 1/2" REG			0			RS7087

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	AS PER SCHEDULE	NORMAL	NA	SEASONAL	1,008	PRE-TOUR SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	SMI	MJH	RIG	TK3	ARM	TK3	ARM
Category	CTRG	RIG	DFMS	SEC	MED	OTHR	OTHR	WSC	WSC
No. of Persons	16	63	1	6	1	1	3	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	12	12	12

Total
97

TRUCKS/BOATS

Standby/Tankers	Others
RIG TRUCK RAM B-865 / LTB	AMBULANCE / NSB1440

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	295	N/A	N/A	3850

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-340 WORKOVER-5 BI-60

01/16/2026 - 02/18/2026

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SINO-5L @ UTMN-340 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SINO-5L	(71-25057-0340)	(SIDETRACK AND RE-COMPLETE THE WELL AS A SINGLE LATERAL OIL PRODUCER)	ELGABER, MAHMOUD AHMED ALI, AMIN TAHA AMIN SAEGH, ABDULLAH SULIMAN
Well: UTMN-340	Wellbores: (0-1) UTMN_340_1		
Wellbores: (0-1) UTMN_340_1			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2548	013-577965 8	013-838946 7 (CLINIC)

OTHER VSAT: 013-838788 6 (LSTK H ALL)

Last 24 hr operations
M/U & RIH W/ CLEAN OUT BHA, CHC, SQUEEZE ACID, CHC, FC, POH.

Next 24 hr plan
CONT. POH TO SURFACE, L/D BHA, M/U & RIH W/ CMT STINGER BALANCED CMT PLUG, CIRC. POH, L/D STINGER.

Location
CLOSE TO UTMN GOSP-13, FOLLOW SIGN BOARDS

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,001	7	6660	6660	4 1/2	5,813	8,891	6,790

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9001	4.8 (01/23/2026@0900)	100	0	178	178

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0-1	POST	N	WH	SET	WBSH	RIG	9001	9001			INSTALL 11" DELTA WEAR BUSHING
0530 - 0600	0.5	0-1	POST	N	CT	HT	PEL	RIG	9001	9001			R/U 2 7/8" POWER TONG & HANDLING TOOLS.
0600 - 0800	2	0-1	POST	N	CT	HT	BHA	RIG	9001	9001			P/U & M/U 3 1/4" X 6 1/8" CLEAN OUT BHA TO 1256 FT. AS FOLLOWING: - 3 1/4" CP MILL. + BS WITH FV + 38 X 2 7/8" DP - MONITOR WELL ON TT, WELL STATIC. - BREAK CIRCULATION W/ 86 PCF BRINE 20 JOINTS
0800 - 0830	0.5	0-1	POST	N	CT	HT	PEL	RIG	9001	9001			R/D 2 7/8" POWER TONG & HANDLING TOOLS, R/U 4" POWER TONG & HANDLING TOOLS
0830 - 0900	0.5	0-1	POST	N	CT	RR	TDS	RIG	9001	9001			SERVICE TDS, OK
0900 - 1000	1	0-1	POST	N	CT	HT	BHA	RIG	9001	9001			CONT. RIH WHILE PU/MU 2 XO + 7" SCRAPPER+ 4 3/4" DC + 6 1/8" ST. MILL + XO TO 1228 FT.
1000 - 1600	6	0-1	POST	N	CT	LDP	SPDP	RIG	9001	9001	1228	5610	CONT. RIH W/ C/O BHA ON 4" DP/ HWDP TO 5610 FT MEANWHILE P/U 4" DP FROM RACK. - MONITOR WELL ON TT, WELL STATIC. - BREAK CIRCULATION W/ 86 PCF BRINE 20 JOINTS
1600 - 1800	2	0-1	POST	N	CT	RW	BIT	RIG	9001	9001	5610	6822	RIH W/ C/O BHA ON 4" DP WHILE WASH DOWN TO 6822 - P/U 4" DP/HWDP FROM PIPE RACK. - WORK SCRAPPER AGAINST EZSV & WHIPSTOCK SETTING DEPTHS
1800 - 1930	1.5	0-1	POST	N	CT	CIRC	MPMP	RIG	9001	9001			SWEEP THE WELL W/ 20 BBLS HVP & CIRCULATE HOLE CLEAN. CIRCULATE THROUGH MGS LAST 500 STROKES OF BTM'S UP. - MWT IN & OUT 86 PCF BRINE.
1930 - 2100	1.5	0-1	POST	N	SIMOPS	WBCO	WBCL	HCM	9001	9001			R/U CEMENT LINES & CIRCULATION HEAD, P/T CMT LINES TO 2000 PSI , HOLD
2100 - 0100	4	0-1	POST	N	SIMOPS	WBCO	WBCL	HCM	9001	9001			HPJSM, PERFORM SQUEEZE ACID JOB AS FOLLOWS: - CMT UNIT PUMP 5 BBLS OF WATER, FOLLOWED BY 15 BBLS OF HCL ACID, THEN 5 BBLS OF WATER. - RIG PUMP DISPLACE ACID W/ 32 BBLS OF 86 PCF KILL BRINE (INSIDE STRING). - SPACE OUT & CLOSE BOP. - BULLHED ACID WITH MAX 1100 PSI INJECTIVITY RATE 0.25 BLL/MIN INCREASED TO 0.75 BBL/MIN, THEN DECREASED AGAIN AFTER SQUEEZE ALL ACID TO 0.25 BBL/MIN. - TOTAL VOLUME PUMPED 35 BBL'S. - STOP PUMP, PRESSURE DECREASED FROM 1100 PSI TO 300 IN 15 MINS. > CHECK INJECTIVITY: 0.25 BPM: 1100 PSI.
0100 - 0200	1	0-1	POST	N	CT	CIRC	MPMP	RIG	9001	9001			HPJSM, CIRC ONE HOLE VOLUME, MUD WT IN & OUT 86 PCF BRINE.
0200 - 0230	0.5	0-1	POST	N	CT	CIRC	MPMP	RIG	9001	9001			FLOW CHECK, WELL STATIC
0230 - 0245	0.25	0-1	POST	N	CT	ST	STDP	RIG	9001	9001	6822	6350	HPJSM, POOH W/ C/O ASSY 5 STANDS TO 6350'. - MONITOR WELL ON TRIP TANK, STATIC.
0245 - 0300	0.25	0-1	POST	N	CT	CIRC	MPMP	RIG	9001	9001			FLOW CHECK, WELL STATIC
0300 - 0459	2	0-1	POST	N	CT	TO	STDP	RIG	9001	9001	6350	2500	HPJSM, POOH W/ C/O ASSY 5 STANDS TO 2500'. ON GOING @ RPT... - MONITOR WELL ON TRIP TANK, STATIC.

Workover Objectives

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LIMITED MORNING REPORT

UTMN-340 WORKOVER-5 BI-60

01/16/2026 - 02/18/2026

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Foreman Remarks

> ODF CORRECTION: -11.5 FT
========== ON-BOARD PERSONNEL & SERVICES ==========
>> ARAMCO PDP NASSER ALSAMIH # 810299 ON LOCATION SINCE 1-26-2026.
> HALLIBURTON LSTK: DAY DSV: IBRAHIM ELSEMSAR, NIGHT DSV: SHRIEF, HSE: AZEDDINE.
========== FUEL CONSUMPTION ==========
> RIG & CAMP DIESEL PROVIDED BY HES LSTK.
========== NEXT LOCATION READINESS ==========
> UTMN-197 : KOM CONDUCTED ON 09/16/2025 & 10/7/2025: STRIP OUT: 100% ON 1/8/2026 & LOCATION PROGRESS: 20% W5 INITIATED ON 1/12/2026
========== WELLS WITH CENTRALIZED MAIN CAMP ==========
> NONE.
========== RIG VISIT ==========

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	YES	SEASONAL	NO	SEASONAL	2,762	PRE-MOVE SAFETY MEETING'S

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	TK1	ARM	HCB	OTH	TK1	ARM	SPS
Category	CTRG	RIG	DFMS	OTHR	OTHR	BRCR	VAC	WSC	WSC	DPDS
No. of Persons	12	61	1	1	1	1	3	2	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	12	24	24	24	12
Operating Hours.	0	24	24	12	12	0	12	24	24	0

Total
85

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
pick up H-711	RIG AMBULANCE	RIG PICK UP	RIG MINI BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	1150

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HWYH-2565 DEVELOPMENT DRILLING BI-60

11/17/2025 - 02/03/2026

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SINO-6L @ HWYH-2565 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-6L
Well: HWYH-2565
Wellbores: (0-1) HWYH_2565_1

Charge #: (66-25053-2565)
Wellbores: (0-1) HWYH_2565_1

Objective : (HWYH-2656 WILL BE DRILLED AS SINGLE LATERAL HORIZONTAL WATER DISPOSAL (WD) ACROSS ARAB-D RESERVOIR.)

Foreman(s): ORR II, WILFRED MORRIS
Engineer Manager: FASSAM, KHALED ADEL / DAHLAWI, ABDULILAH MAZEN ELDEEB, TAREK ABD ALLA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 390	013-577966 1	013-880625 8 SLB.

CONTRACTOR /CLERK VSA T: 013-577966 4

Last 24 hr operations: RSS DRILL 6 1/8" HOLE SECTION TO TD, CHC & POOH

Next 24 hr plan: L/D 6 1/8" RSS BHA ,TEST BOPE, P/U, M/U & RIH WITH SLB 6 1/8" THRU BIT REAMING ASSY

Location: WELL LOCATED 138.66 KM SW OF ABQAIQ MAIN GATE & 43.83 KM. SW OF UDHALIYAH MAIN GATE.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,301	9 5/8	4347	4347	7	2,292	8,045	7,280

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13875	65 (11/24/2025@0500)	93	426	196	196

Formation Tops

Formations	Top Depth	Comments
ABD1	8,137	7299' TVD (16' TVD DEEPER)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 1130	6.5	0-1	6 1/8	N	DRLG	D	RSS	SDM	13875	14086			LROP	965524	DRILL 6-1/8" HOLE WITH SLB RSS-LWD BHA WITH 98 PCF LSND MUD & 93% RETURNS, DYNAMIC LOSSES AT 10-20 BPH
1130 - 1200	0.5	0-1	6 1/8	N	DRLG	PJSM	NA	RIG	14086	14086					HOLD STAND DOWN MEETING WITH CREW & DISCUSS D&WO REEL SAFE VIDEO #03-26 CATWALK RAMP LIFTING POINT FAILURE
1200 - 1830	6.5	0-1	6 1/8	N	DRLG	D	RSS	SDM	14086	14301			LROP	965524	DRILL 6-1/8" HOLE WITH SLB RSS-LWD BHA WITH 98 PCF LSND MUD & 93% RETURNS, DYNAMIC LOSSES AT 10-20 BPH - FR= 250 GPM; SPP= 3400-3600 PSI, WOB= 12-20 KLBS, RPM= 80-130, TRQ= 6-9 KLBS-FT. - SLB DIR ADJUST PARAMETERS TO MITIGATE DOWNHOLE SHOCKS & VIBRATION - DOWNLINK AS PER DD REQUIREMENT - REAM UP/DOWN 30' BEFORE CONNECTION - MAINTAIN 5-7% DIESEL IN MUD SYSTEM * LAST SURVEY AT 14245' MD/ 7661' TVD, INC: 87.50, AZIM: 97.1 * WELLPATH: 42.97' CT-CT, 42.68' ABOVE, 5.06' LEFT OF PLAN * DISTANCE BETWEEN L 0 & L 0-1 = 2099'
1830 - 1845	0.25	0-1	6 1/8	N	DRLG	SDR1	NA	RIG	14301	14301					PERFORM PIT DRILL - GOOD RESPONSE FROM THE CREW
1845 - 2315	4.5	0-1	6 1/8	N	DRLG	CIRC	MPMP	RIG	14301	14301					SWEEP HOLE WITH 3X 15/30 BBLS TANDEM PILL & CHC WHILE RECIPROCATING DRILL STRING - FR=240 GPM; SPP=3650 PSI.
2315 - 2330	0.25	0-1	6 1/8	N	DRLG	SDR1	NA	RIG	14301	14301					FLOW CHECK, STATIC LOSS RATE 3 BPH
2330 - 0000	0.5	0-1	6 1/8	N	DRLG	PJSM	NA	RIG	14301	14301					HOLD STAND DOWN MEETING WITH CREW & DISCUSS D&WO REEL SAFE VIDEO #03-26 CATWALK RAMP LIFTING POINT FAILURE
0000 - 0100	1	0-1	6 1/8	N	DRLG	CIRC	MPMP	RIG	14301	14301					SPOT 120 BBP LUBRICATED PILL ON BOTTOM WHILE RECIPROCATING DRILL STRING - PERFORM STICKY TEST FOR 5 & 7 MINS - AFTER 5 MINS = P/U WEIGHT 240 KLB, B/O TORQ 9700 K FT-LB - AFTER 7 MINS = P/U WEIGHT 265 KLB, B/O TORQ 11200 K FT-LB
0100 - 0130	0.5	0-1	6 1/8	N	DRLG	TO	STDP	RIG	14301	14301	14293	13818			POOH SLB 6 1/8" RSS ASSY ON 4" DP TO 13818' (5 STD OFF BTM) HOLE IN GOOD CONDITION - MONITOR WELL ON TRIP TANK - STATIC LOSSES = 4 BPH
0130 - 0145	0.25	0-1	6 1/8	N	DRLG	SDR1	NA	RIG	14301	14301					FLOW CHECK, STATIC LOSS RATE 3 BPH
0145 - 0215	0.5	0-1	6 1/8	N	DRLG	PJSM	NA	RIG	14301	14301					HOLD STAND DOWN MEETING WITH CREW & DISCUSS D&WO REEL SAFE VIDEO #03-26 CATWALK RAMP LIFTING POINT FAILURE
0215 - 0345	1.5	0-1	6 1/8	N	DRLG	TO	STDP	RIG	14301	14301	13818	10950			CONT POOH SLB 6 1/8" RSS ASSY ON 4" DP TO 10950', HOLE IN GOOD CONDITION - MONITOR WELL ON TRIP TANK - STATIC LOSSES = 3 BPH
0345 - 0400	0.25	0-1	6 1/8	N	DRLG	SDR1	NA	RIG	14301	14301					FLOW CHECK, STATIC LOSS RATE 3 BPH
0400 - 0430	0.5	0-1	6 1/8	N	DRLG	CIRC	MPMP	RIG	14301	14301					

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LIMITED MORNING REPORT

HWYH-2565 DEVELOPMENT DRILLING BI-60

11/17/2025 - 02/03/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
															SPOT 120 BBL LUBRICATED PILL WHILE RECIPROCATING DRILL STRING
0430 - 0459	0.5	0-1	6 1/8	N	DRLG	TO	STDP	RIG	14301	14301	10950	10447			CONT POOH SLB 6 1/8" RSS ASSY ON 4" DP TO 10447', HOLE IN GOOD CONDITION.....ONGOING AT REPORT TIME - MONITOR WELL ON TRIP TANK - STATIC LOSSES = 3 BPH

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
24 Jan 1700	13	46.75	965524		LROP	IDPR	BHA	SDM	11296	LOW ROP DUE TO POOR PERFORMANCE OF SLB DIR BHA RESULTING IN ROP LESS THAN 35 FT/HR

Foreman Remarks

=== ============WELL OBJECTIVES ==
HWYH-2565 WILL BE DRILLED AND COMPLETED AS SINGLE LATERAL HORIZONTAL WATER DISPOSAL (WD) ACROSS ARAB-D RESERVOIR. THIS WELL WILL BE COMPLETED WITH ZONAL ISOLATION KIT (ZIK) TO COVER ABD1-AD2A-2A05.
==================================SAFETY ==
- REVIEW REEL SAFE VIDEO - CATWALK RAMP LIFTING POINT FAILURE
================================= WELL DATA ==
- 18-5/8" CP PLAN / ACTUAL: 949'/832' (60' TVD INTO RUS)
- 13 3/8" CP PLAN / ACTUAL: 2686'/ 2666' (50' TVD INTO AHMADI)
- 9 5/8" CP PLAN / ACTUAL: 4,366' / 4347' (300' TVD INTO BYDH)
- 7" LP PLAN / ACTUAL: 8,047' MD/ 7,281' TVD // 8,047' MD/7,280' TVD (2 FT TVD ABOVE ABD1)
- 6 1/8" OPEN HOLE PLAN / ACTUAL: 14,330' MD / 7,685' TVD // 14301' MD/ 7661' TVD
==
**TOTAL MILLING FOOTAGE FOR RUN# 1, 2 , 3 , 4 & 5= 21 FT.
** FISH LEFT IN HOLE BEFORE MILLING: 6-1/8" PDC BIT + SLB RSS/LWD ASSY + 4-3/4" DSI PBL SUB + XO + 9 JT'S X 4" HWDP + 4-3/4" SLB HYD JAR + 4 JT'S X 4" HWDP + 2 STD'S X 4" DP + 1 JT X 4" DP + 9.39 FT X CUT 4" DP.
** LENGTH OF FISH: ORIGINAL= 752 FT / ACTUAL = 731 FT
** TOF: ORIGINAL =8,259 FT / ACTUAL = 8,280 FT
==============================ARAMCO PERSONNEL ======================================

==============================PERSONNEL ON BOARD=====================================
- THIS IS A SLB LUMP SUM TURN KEY WELL.
- LSTK SLB: ALI / AHMED RAZA.
- SLB HSE : BUDDHI
- SUPT: NO
==============================NEXT LOCATION==
- NEXT WELL: UTMN-4133
- WELL CHARGE #YES
- WATER WELL # UTMN-3510
- APPROVED PROGRAM : YES
- APPROVED ERP : YES
- LOCATION READINESS : 100%
==============================2ND NEXT LOCATION=======================================
- NEXT WELL: UTMN-4122
- WELL CHARGE #YES
- WATER WELL # UTMN-3501
- APPROVED PROGRAM : NO
- APPROVED ERP : NO
- LOCATION READINESS : 50%
==================================RIG VISIT===

==============================ARAMCO VEHICLE===
- ARAMCO CAR- DOOR NUMBER B-842 SERVICE DUE ON 03/05/2026.
========================SERVICE COMPANY, RENTAL TOOLS & OTHERS=======================
- 2 X AL-FUWAILEH VACCUM TANKERS.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	13,945	87.42	96.86	95	7,646	32.64	2251.99	7,389.18	0.04
0-1	14,040	87.38	96.7	95	7,650	29.22	2280.71	7,483.26	0.17
0-1	14,135	87.48	97.07	95	7,654	25.76	2309.43	7,577.34	0.41
0-1	14,229	87.56	97.13	94	7,658	22.22	2337.83	7,670.41	0.1
0-1	14,245	87.56	97.14	16	7,659	21.61	2342.67	7,686.25	0.02
0-1	14,301	87.5	97.1	56	7,662	19.5	2359.59	7,741.7	0.12

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	2	2.6API	10	0 Volts	20.06	10.5	350,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	11.8HTHP	62	44	0	9 / 12	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
97	1	45	28	8 / 9	0	200	N/A

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
98 PCF	2	3.2API	7	0 Volts	24.84	10	240,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
132	12.8HTHP	64	34	0.2	7 / 9	NCPOL	2.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**

LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:47
Report ID: OPERLMTDMRREP

HWYH-2565 DEVELOPMENT DRILLING BI-60

11/17/2025 - 02/03/2026

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70	1	47	29	6 / 7	0	160	15.8	
Weight	**Cake HTHP**	**Filtrate(WL)**	**Oil Vol. %**	**Elec. Stability**	**% LGS**	**PH**	**CL PPM**	
98 PCF	2	3API	7	0 Volts	24.84	10.2	240,000	
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**	
132	12.6HTHP	64	36	0.2	7 / 9	NCPOL	2.2	
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**	
70	1	47	29	6 / 7	0	160	15.6	

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
9	8,071	14,154	DP Av	DC Av	Bit HHP	20	130	M433	6.125	SMT
Pressure	**GPM**	**Jet Vel**	296.18	N/A	82	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,650	260	215				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
SA01092	X613C	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	16	175	215	145	170		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	4	1	4	3.24	31.44	562.67	XT39	XT39	15.7	15,949.646	G105	PREM	ON FILE
16	Heavy Weight Drillpipe (HWDP)	RIG	4	4	4	2.562	121.12	531.23	XT39	XT39	26.24	15,456.038		CONV	ON FILE
15	Hydraulic Jar	SJS	4.75	1			29.34	410.11	XT39	XT39	50	12,277.849			41280HA
14	Heavy Weight Drillpipe (HWDP)	RIG	4	9	4	2.563	273.21	380.77	XT39	XT39	28	10,810.849		CONV	ON FILE
13	Crossover	RIG	4.75	1	4.75	2.25	1.69	107.56	XT39	NC38	28	3,160.969			1708235
12	PBL (Multiple Activation By Pass)	DSI	4.75	1	4.75	2.25	8.1	105.87	NC38	NC38	28	3,113.649			NOR475BP720
11	Screen sub	SDM	4.75	1	4.75	2	7.72	97.77	NC38	NC38	0	2,886.849			B2011180
10	FIlter Sub	SDM	4.75	1	4.75	2.125	7.72	90.05	NC38	NC38	0	2,886.849			MNB53117-03
9	Float Sub	SDM	4.75	1	4.75	2.25	1.33	82.33	NC38	NC38	0	2,886.849			341280
8	Logging While Drilling (LWD)	SDM	4.75	1	4.75		23.35	81	NC38	NC38	54.94	2,886.849			B1715
7	Stabilizer	SDM	5.875	1	4.75	2.25	1.45	57.65	NC38	NC38	0	1,604			OFS-10485
6	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		32.08	56.2	NC38	NC35	50	1,604			B2204
5	Crossover	SDM	4.75	1	4.75	2.25	2.37	24.12	NC38	NC38	0	0			AOTC-N-0377
4	Power & Communication Sub	SDM	4.75	1	4.75	2.25	4.93	21.75	NC38	NC38	0	0			69006
3	Saver Sub	SDM	4.75	1	4.75	2.25	1.74	16.82	NC38	NC38	0	0			OFS-21405
2	RSS	SDM	4.75	1	4.75		14.45	15.08	NC38	3-1/2" REG	0	0			58191932
1	Bit	SMT	6.125	1	6.125		0.63	0.63	3-1/2" REG			0			SA01092

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	1	SEASONAL	N/A	SEASONAL	3,506	2

PERSONNEL AND SERVICES INFORMATION

Company	OTH	SDM	RIG	SMI	MJH	TK3	RIG	ARM	OTH	TK3	ARM
Category	CTRG	DPDS	RIG	DFMS	SEC	OTHR	OTHR	OTHR	VAC	WSC	WSC
No. of Persons	16	2	58	2	8	4	2	0	2	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	0	24	24	24
Operating Hours.	0	24	24	24	24	24	24	0	24	24	24

Total
98

TRUCKS/BOATS

Standby/Tankers
b-842

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	1250

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

NYYM-700 WORKOVER-2 BI-60

01/16/2026 - 01/29/2026

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SINO-7N @ NYYM-700 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-7N
Well: NYYM-700
Wellbores: (0) NYYM_700_0

Charge #: (72-25068-0700)
Wellbores: (0) NYYM_700_0

Objective : (G | PACKER: REPAIR OR CHANGE PACKERS AND/OR CHANGE SETTING DEPTH)

Foreman(s) TAWADROS, REMOON GAMIL / ALDAWSARI, MOHAMMED RASHED
Engineer ALMULHIM, ABDULLAH SAAD / AKBAR, KITOS GEMINI
Manager LAHLAH, AZZEDINE

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+88 216777 12815	013 378-74 82	013 378-74 88

Last 24 hr operations
SET UPPER COMPLETION PKRS, MU TBG HGR, TERMINATE PDHMS CABLE, DISPLACE WELL TO INH DIESEL, SET PLUG, BPV, ND BOP.

Next 24 hr plan
N/U & P/T BONNET W/ PRODUCTION TREE, RET PLUG, RELEASE RIG TO UMJF-45.

Location
479 KM FROM DMG, 22 KM SOUTH OF NYYM GOSP-1

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,422	9 5/8	8660	8525				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12250	13 (01/15/2026@0500)	98	0	479	479

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	EOW	C	COMP	DTU	DRFT	NSL	9320	9320			R/D NESR SLICKLINE EQUIPMENT.
0530 - 0800	2.5	0	EOW	C	COMP	SET	PKR	SCP	9320	9320	7723	7350	HPJSM, CONNECT TDS, PT SURFACE LNES TO 4500 PSI, OK, SET SLB 9-5/8" MULTIPORT PKR AND 9-5/8" QHS PKR AT 7,723 FT & 7,350 FT AS FOLLOW: - PRESSURE UP STRING TO 3000 PSI TO SET 9-5/8" QHS PKR, - S/O 30 KLS TO CONFIRM PKR SET. - PRESSURE UP TO 4000 PSI & HOLD FOR 30 MINUTES TO SET 9-5/8" MULTIPORT, BLEED OFF PRESSURE. - P/T TCA TO 1000 PSI WITH TBG OPEN, OK.
0800 - 1000	2	0	EOW	C	COMP	HT	PBR	SCP	9320	9320			SHEAR PBR AS FOLLOWS: - PRESSURE UP TO 2,500 PSI & PICK-UP WITH 45 KLBS OVERPULL TO SHEAR PBR. - RUN BACK AND STING IN TAG AT SAME POSITION, POSITION STRING 5 FT (LANDING MODE). - PT TCA TO 1,000 PSI WITH TBG OPEN, OK. - PT TBG TO 1,000 PSI WITH TCA OPEN - OK. >> EOT AT 7,789 FT, 9-5/8" MULTIPORT PKR : 7,723 FT, 9-5/8" QHS PKR : 7,350 FT.
1000 - 1230	2.5	0	EOW	C	COMP	RPCS	TBGHR	RIG	9320	9320	31	31	SPACE OUT AS PER SLB COMPLETION ENGINEER: - POH & L/D 4 JTS X 3-1/2" #9.2 NVAM TBG JT. - M/U 4-1/2" NVAM X 3-1/2" NVAM CROSSOVER. - M/U 3 X 4-1/2" NVAM #12.6 PJTS & 2 JTS OF 4-1/2" #12.6 NVAM TBG. - M/U NEW CIW 11" X 4-1/2" NVAM TBG HANGER W/ 4-1/2" TBG PUP JT.
1230 - 1300	0.5	0	EOW	C	COMP	DTU	DRFT	NSL	9320	9320			HPJSM, RU NESR SL BOP & LUBRICATOR, PT TO 2,000 PSI- OK. - RIH & DRIFT TBG HANGER W/ 3.833" DRIFT & TAG XO. - RUN 2.867" DRIFT & PASS X-O, - R/D S/L EQUIPMENT.
1300 - 1600	3	0	EOW	C	COMP	HT	PDHMS	SCP	9320	9320			HPJSM, M/U 4-1/2" LADING JT ON TBG HANGER WITH SAFETY VALVE ON TOP OF THE JOINT. SLB STRIP & TERMINATED I WIRE THRU TBG HANGER BOTTOM & TOP PORTS, P/T SAME TO 3000 PSI -OK. - PDHMS LOWER GAUGE READING: 2563 PSI / 64 DEG C, PDHMS UPPER GAUGE READING: 2514 PSI / 64 DEG C.
1600 - 2030	4.5	0	EOW	C	COMP	CIRC	MPMP	RIG	9320	9320			HPJSM, POSITION STRING ABOVE PBR & DISPLACE WELL TO INH DIESEL IN STAGES, FLOW CHECK AT EACH STAGE- WELL STATIC - EXTEND FLOW CHECK FOR 1 HRS AFTER DISPLACEMENT - WELL STATIC.
2030 - 2200	1.5	0	EOW	C	COMP	RPCS	TBGHR	RIG	9320	9320	31	31	HPJSM, DRAIN BOP, LOWER STRING & STING INTO PBR, LAND TBG HGR & TIGHTEN LOCK-DOWN SCREWS. - P/T TCA W/ DIESEL TO 1500 PSI W/ TBG OPEN FOR 15 MINS, HOLD OK. - P/T TBG W/ DIESEL TO 1500 PSI W/ TCA OPEN FOR 15 MINS, HOLD OK. - FLOW CHECK FOR 30 MINS, WELL STATIC.
2200 - 0030	2.5	0	EOW	C	COMP	SET	PLUGT	NSL	9320	9320	1000	1000	HPJSM, RU NESR SL BOP AND EQ. - RUN SLB 3-1/2" SIMPLUS PLUG AND SET AT 1000 FT. - RUN AND SET PRONG WITH JUNK CATCHER ABOVE PLUG. - PT PLUG TO 1000 PSI, OK, - R/D S/L EQUIPMENT.
0030 - 0130	1	0	EOW	C	COMP	HT	PDHMS	SCP	9320	9320			L/D LANDING JT, SLB CHECK PDHMS CABLE READING, CUT CABLE AND R/D UPPER SHEAVES FOR PDHMS. - INSTALL BPV IN TBG HGR.

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LIMITED MORNING REPORT

NYYM-700 WORKOVER-2 BI-60

01/16/2026 - 01/29/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
0130 - 0459	3.5	0	EOW	C	BOP	ND	BOP	RIG	9320	9320			HPJSM, N/D 13-5/8" 5M BOP & RELATED OF EQUIPMENT. - WELL SECUREMENT : TBG SIDE: WITH (SIMPLUS PLUG AT 7,755 FT , SIM PLUS PLUG AT 1,000 FT, BPV). TCA SIDE: TBG HGR SEAL & PKR TESTED TO 1,500 PSI.

Workover Objectives

Foreman Remarks

ODF: -1.6 FT
==========WORKOVER OBJECTIVE==========
- KILL THE WELL.
- DE-COMPLETE EXISTING 3-1/2" SLB SMART COMPLETION.
- CHECK WH & SURFACE CSG.
- COMPLETE THE WELL WITH 9-5/8" QHSB PACKER, PDHMS & WFD GLM ON 3-1/2" TUBING.
==========WELL INFORMATION==========
- GOR: 1500 SCF/STB, H2S: 0%.
- 1/2 LFL= 130 M, 100 PPM= 0 M, 30 PPM= 0 M
==========ARAMCO POB==========
- ARAMCO ME ALAJMI, ABDULLAH ID#8553612 ON LOCATION.
==========CONTRACTOR VISITS==========

========== PCI STATUS==========
- P1 OPEN ITEMS: 0, CLOSED: 7
- P2 OPEN ITEMS: 1, CLOSED: 68
- P3 OPEN ITEMS: 2, CLOSED: 7
==========ARAMCO VEHICLE==========
- ARAMCO PICKUP C040 NEXT MAINTEANACE ON FEB.28.202.6
==========SERVICE COMPANIES ON LOCATION==========
- SCOMI MUD ENGINEER.
- SLB COMPLETION.
- SLB PDHMS.
- AL-MASOOD TBG HANDLING.
- 4 X RAW WATER TANKERS.
==========RENTAL TOOLS ON LOCATION==========
.
========== NEXT WELLS ==========
UMJF-45 KOM HELD ON 12/15/2025, STRIP OUT 100%, WELLSITE 100%.
UMJF-39 KOM HELD ON 12/30/2025, STRIP OUT 70%, WELLSITE 0%.
NYYM-24 KOM HELD ON 12/29/2025, STRIP OUT 0%, WELLSITE 0%

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9	94,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	97	0	0	0 / 0	WBM-NAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
40	0	0	3	0 / 0	0	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69 PCF	0	0API	0	0 Volts	0	9	94,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	97	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
40	0	0	3	0 / 0	0	280	0

MUD TREATMENT

COAT-415
6 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	NORMAL	N/A	SEASONAL	4,963	NIPPLE DOWN BOPE.

PERSONNEL AND SERVICES INFORMATION

Company	SCB	OTH	SCP	SCP	RIG	GDF	ASH	RIG	ARM	NSL	MSD	ARM
Category	BRCR	CTRG	PSSC	ICE	RIG	DFMS	FLD	OTHR	OTHR	SLS	PRS	WSC
No. of Persons	1	15	1	4	60	1	4	33	1	3	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24

Total
129

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LIMITED MORNING REPORT

NYYM-700 WORKOVER-2 BI-60

01/16/2026 - 01/29/2026

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	Operating Hours.	24	0	20	24	12	24	0	0	0	5	12	24

TRUCKS/BOATS	Standby/Tankers
	C040

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	2000	N/A	N/A	0	0	0

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		
	OK		

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LIMITED MORNING REPORT

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ABQQ-288 WORKOVER-3 BI-90

01/19/2026 - 02/11/2026

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SINO-8 @ ABQQ-288 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SINO-8
Well: ABQQ-288
Wellbores: (0) ABQQ_288_0

Charge #: (61-26050-0288)
Wellbores: (0) ABQQ_288_0

Objective : (O | CASING LEAK REPAIR (GWI/PWI/SWD/WS): RPR CSG/LINER LEAKS CAUSED BY CORROSSION OR DUE TOMECH FAILURE)

Foreman(s) HEMID, METWALLI MOHAMED / OGBI, MOHAMED SAMIR
Engineer ZUBIDY, ABDULLAH ALI
Manager SAAD, SAAD RASHED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12120	572-5169	572-6819

CONTRACTOR /CLERK VSA T: 572-7166

Last 24 hr operations
RUN 6-1/8" C/O ASSY TILL 5" TOL, POOH, RUN 4-1/4" C/O ASSY, POOH.

Next 24 hr plan
POOH, RUN 4-1/4" C/O ASSY TO TD, CHC, POOH, RUN 7" RTTS TO PT CSG, POOH, RUN 5" MILL POLISH TBR, POOH, RUN TTBP, RUN 5" WFD LINER.

Location: 40KM FROM DHAHRAN MAIN GATE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,650	7	7298	7298	5	2,498	7,278	7,278

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7650	4.9 (01/23/2026@0700)	0	0	40	40

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0800	3	0	POST	N	CT	HT	STRG	RIG	7650	7650			RIH W/ 6-1/8 CO ASSY ON 4" HWDP/DP FROM RACKS TILL 20 FT ABOVE 5" TOL @ 2470'. - KEEP FILLING BACKSIDE CONTINUOUSLY W/ 60 BPH 91 PCF MUD, WELL UNDER TOTAL LOSS. - NO OBSTRUCTION RECORDED INTERVAL (1700'-1900'), PRECAUTIONARY UP/DOWN DP STRG
0800 - 0830	0.5	0	POST	N	CT	CIRC	MPMP	RIG	7650	7650			CUMMULATIVE TIME FOR FILL UP & CIRCULATION WHILE RIH EVERY 10 STD.
0830 - 1000	1.5	0	POST	N	CT	CIRC	MPMP	RIG	7650	7650			HPJSM, P/U KELLY & RIH TILL TAGGED 5" TOL @ 2493', PUMP & CIRCULATE 2 STR VOLUME, FLOW CHECK WELL UNDER TOTAL LOSS.
1000 - 1230	2.5	0	POST	N	CT	HT	STRG	RIG	7650	7650			POOH 6-1/8" C/O ASSY & LD BHA. - KEEP FILLING BACKSIDE CONTINOUSLY W/ 60 BPH 91 PCF MUD, WELL UNDER TOTAL LOSS.
1230 - 1330	1	0	POST	N	CT	HT	PEL	RIG	7650	7650			HPJSM, R/D 4" HANDLING TOOLS & R/U 2-3/8" DP HANDLING TOOLS.
1330 - 1700	3.5	0	POST	N	CT	HT	BHA	RIG	7650	7650			HPJSM, M/U & RIH 4-1/4" C/O ASSY (4-1/4" CP MILL, F/S W/ FLOAT, 16 X 2-7/8" DC, 4-1/4" STR MILL, 15 JT X 2-3/8" DP, 3-3/8" D. JAR. - KEEP FILLING BACKSIDE CONTINUOUSLY W/ 60 BPH 91 PCF MUD, WELL UNDER TOTAL LOSS.
1700 - 0300	10	0	POST	N	CT	HT	STRG	RIG	7650	7650			CONT. RIH 4-1/4" C/O ASSY ON 2-3/8" DP PICKED UP FROM PIPE RACK TO 4055'. - FILL UP & CIRC. STR VOLUME EVERY 5 STDS. - KEEP FILLING BACKSIDE CONTINUOUSLY W/ 60 BPH 91 PCF MUD, WELL UNDER TOTAL LOSS.
0300 - 0430	1.5	0	POST	N	CT	CIRC	MPMP	RIG	7650	7650			AT 4055' ATTEMPT TO CIRC., GOT STRING PLUGGED. WORK ON STRING BY JERKING UP & DOWN, NO SUCCESS.
0430 - 0459	0.5	0	POST	N	CT	HT	PEL	RIG	7650	7650			POH W/ 4-1/4" CO ASSY ON 2-3/8" DP.....ONGOING@RT. - KEEP FILLING BACKSIDE CONTINUOUSLY W/ 60 BPH 91 PCF MUD, WELL UNDER TOTAL LOSS.

Workover Objectives

Foreman Remarks

ODF CORRECTION: -15 FT.
========== SAFETY ==========
>> HELD DAILY SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
========== ARAMCO POB ==========
>> ARAMCO FCT ABDULKAREEM ALSULAMI #790914 ON LOCATION.
>> ARAMCO MATERIAL CLERK KHALID ALMAKRAMI #814820 ON LOCATION.
========== NEXT LOCATIONS==========
>> ANDR-3000: KOM DONE ON 1/27/2025, STRIP OUT 0%, WELLSITE 0%. (REQUIRED REMOVE ALL FENCE AND COLD CUT FLOW LINE 20 MTR OUTSIDE FENCE).
>> SDGM-178: KOM DONE ON 3/17/2025, STRIP OUT 80%, WELLSITE 0%. (REQUIRED CELLAR REPLACEMENT AND COLD CUT FLOW LINE).
>> SDGM-210: KOM DONE ON 12/30/2025. STRIPPING OUT 100%, WELLSITE 0% (REQUIRE CELLAR REPLACEMENT).
>> SDGM-121: KOM DONE ON 12/30/2025. STRIPPING OUT 0%, WELLSITE 0% (REQUIRE CELLAR REPLACEMENT).
>> SDGM-225: KOM DONE ON 12/30/2025. STRIPPING OUT 0%, WELLSITE 0%.
==========
>> NEARBY PWI WELLS SHUT IN : ABQQ-731 DISTANCE 2.730 KM = 524 PSI , ABQQ-149 DISTANCE 1.29 KM=0 PSI)

DAILY SURVEY

MUD DATA	Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:47
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LIMITED MORNING REPORT

ABQQ-288 WORKOVER-3 BI-90

01/19/2026 - 02/11/2026

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91 PCF	0	0API	0	0 Volts	0	9.2	313,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	0HTHP	92	0	0	0 / 0	VB	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
60	0	0	8	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
91 PCF	0	0API	0	0 Volts	0	9.2	313,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
0	0HTHP	92	0	0	0 / 0	VB	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
60	0	0	8	0 / 0	0	0	0

MUD TREATMENT

MARBLE-FINE	CACL2-80	CAOH2	UTG-XG	HEC
25 (2200L)	54 (2200L)	6 (55LB)	6 (55LB)	6 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	AS REQUIRE	NORMAL	N/A	COOL	5,048	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	GDF	ARM	OTH	ARM	
Category	CSR	RIG	DFMS	OTHR	VAC	WSC	
No. of Persons	12	51	1	3	3	2	Total 72
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	12	12	12	12	12	12	

TRUCKS/BOATS

Standby/Tankers	Others
b946 ARAMCO TRUCK	RIG AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	1000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/07/2026 - 02/09/2026

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SINO21 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SINO21 Well *MOBILIZATION* Wellbores:	Charge #: () Wellbores:	Objective : (SIDETRACK THRU "HANIFA" RESERVOIR)	Foreman(s) ALMULHEM, ABDULAZIZ AHMED / ADAM, IBRAHIM OMER IBRAHIM Engineer KHAN, AAMIR Manager SAAD, SAAD RASHED RIG FORMAN VSAT 013-378-65 83 CONTRACTOR /CLERK VSA T 013-577-96 94

Last 24 hr operations	Next 24 hr plan
RIG UP ON ABQQ-429.	RIG UP ON ABQQ-429.

Location	Next Location
60 KM FROM DHAHRAN MAIN GATE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RU	NA	RIG					- HPJSM WITH ALL PERSONNEL DISCUSSED DAILY R/U OPERATIONS. - HIGHLIGHTED CRANE SAFETY, COMMUNICATION PROPER SIGNALS, FALL PROTECTION, PPE & SAFETY PRECAUTIONS DURING RIG UP OPERATION. * RIG MOVE FROM SINO YARD TO WELL ABQQ-429: 99%. * RIG UP ON ABQQ-429: 95%. ==========RIG UP ACTIVITIES========== - R/U FIRE PUMP SYSTEM AND FUNCTION TEST FIRE PUMP - R/U IBOP AND SAVER SUB. - ACCUMULATOR FUNCTION TEST. - FUNCTION TEST MUD PUMP .... ONGOING. - R/U CEMENT TANK DUMP LINE .... ONGOING. - INSPECT CROSS OVER AND FISHING TOOLS. - GENERAL RIG UP.....ONGOING @RT. - VERIFY ALL DOCUMENTS, SCHEDULE G & PREPARE FOR DOE&CD PCI.....ONGOING. ----------SAOWOD INTERNAL PCI AUDIT---------- - P1 OPEN ITEMS:TOTAL: 5, CLOSED: 5 - P2 OPEN ITEMS: TOTAL: 65, CLOSED: 22 - P3 OPEN ITEMS: TOTAL: 0, CLOSED: 0 - PROGRESS ON CLOSURE FROM SAOWOD INTERNAL PCI : 41 %. ==========RIG MOVE STATISTICS========== - STARTED RIG MOVE FROM SINO YARD TO WELL ABQQ-429 ON 6 JAN 2026. - MOBILIZATION DISTANCE FROM SINO YARD TO ABQQ-429: 110 KM. - DAYS SINCE START MOBILIZATION: 22 DAYS. - DAILY LOADS RECEIVED: 0 LOADS. ==========SINO YARD========== - CHOKE MANIFOLD ON SINO YARD FOR CERTIFICATION. - - DOE&CD PCI EXPECTED ON 02/02/2026. - ==========SECUREMENT========== - WELL ABQQ-429 IS SECURED W/ 4" BPV.

Foreman Remarks

========== SAFETY ==========
>> HELD DAILY SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.

========== ARAMCO POB ==========
>> ARAMCO MATERIAL CLERK SAID ALSHEHRY ID#744217 ON LOCATION.
>> SAOWOD FCT MARWAN TANBAKTI #764644 ON LOCATION.

========== NEXT LOCATIONS==========
<< ABQQ-431: KOM HELD ON 11/12/2025 STRIP OUT 0% LOCATION READINESS 0%.
<< ABQQ-396: KOM SCHEDULED ON 02/02/2026.

DAILY SURVEY
MUD DATA
MUD

Username: YUAYANAL
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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/07/2026 - 02/09/2026

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TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	WINDY	N/A	SEASONAL	5,196	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	EMC	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	WSC	
No. of Persons	13	27	1	2	24	Total 67
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	24	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others
PICK-UP B-834	AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

DEMOBILIZATION BI-DEM

01/11/2026 - 01/31/2026

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SND-1501 @ *DEMOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-1501 Well *DEMOBILIZATION* Wellbores:	Charge #: () Wellbores:	Objective : (99)	Foreman(s)PALLEKONDA, RAMESH / ALTAISAN, ABDULLAH SAMI Engineer Manager ALMUSTAFA, AHMED HASSAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 080	013574623	ARAMCO SAF ETY / 574- 6223
OTHER VSAT	CONTRACTOR /CLERK VSA T	
ARAMCO CL ERK / 574- 6244	0138049645	

Last 24 hr operations	Next 24 hr plan
CONTINUE TO MOVE RIG EQPT FROM SFNY-427 TO SANAD YARD FOR DEMOBILIZATION	CONTINUE TO MOVE RIG EQPT FROM SFNY-427 TO SANAD YARD FOR DEMOBILIZATION

Location	Next Location
0	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RM	NA	RIG					RIG DOWN ON SFNY-427 AND CONTINUE TO MOVE RIG EQPT FOR DEMOBILIZATION TO SANAD YARD HPJSM FOR RIG MOVE OPERATION ON SFNY-427 WITH RIG CREW AND RIG MOVERS. - ALL CRITICAL LIFTING NEED TO FOLLOW CRITICAL LIFTING PLAN & SIGNAL BY RIGGER ONE - GOOD COMMUNICATION BETWEEN THE CREW INVOLVED AND RIG MOVER FOR RIG DOWN. - POTENTIAL HAZARDS & CONCERNED SAFETY ISSUES DURING RIG DOWN, LIFTING & LOADING - THE PROPER WAY OF LIFTING, WORK AT HEIGHT & USE THE CORRECT EQUIPMENT. - WORK PERMIT FOR EACH HEAVY LIFTING, ELECTRICAL & SIMILAR OPERATION. - STOP WORK AUTHORITY. - PPE & HOUSEKEEPING. - BACK LOAD MAIN CAMP ROOMS, STORES, CHOKE MANIFOLD, CASCADE,MATERIAL BOXES & MISCELLANEOUS - BACKLOADING ARAMCO INVENTORY RIG MOVE EQUIPMENTS & PERSONNEL: >> 4 CRANES, 40 TRUCKS & 2 FORKLIFT >> ONE SAFETY OFFICER, ONE RIGGER-1 & TWO TRUCK PUSHERS >> ALL RIG MOVE CRANES, FORKLIFT OPERATORS & RIGGER -1 ARE CERTIFIED. - NUMBER OF TRUCKS LOADED AND MOVED TODAY - 37 - TOTAL NUMBER OF TRUCKS LOADED AND MOVED - 144 - R/D ON SFNY-427 (DEMOBILIZATION): 95 % - R/M TO SANAD STACK YARD: 72 % - RIG MOVE DISTANCE TO SANAD YARD: 316 KM - DAYS SINCE RIG RELEASED = 17 DAYS & 10 HRS

Foreman Remarks

>> SFNY-427 WELLHEAD SECURED WITH 4" BPV
========== ARAMCO PERSONNEL ON BOARD==========
> RIG CLERK #8274313 RONALD MACALINTAL ON LOCATION SINCE 01/26/2026.
==========RENTAL TOOLS==========
- NILL
==========SAFETY==========
>> REPORTED IN ORBITS: 10 OBB
==========NEXT WELLS READINESS ==========
RIG DE-MOBILIZATION
>> BACKLOADED FLARE GUN AND CATRIDGES ON 01/20/2026.
>> RELEASED OES MUD ENGINEER ON 01/25/2026

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	
BIT DATA	

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	3,732	RIG MOVE

Username: YUAYANAL
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LIMITED MORNING REPORT

DEMOBILIZATION BI-DEM

01/11/2026 - 01/31/2026

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PERSONNEL AND SERVICES INFORMATION	Company	SWK	RIG	ASH	RIG	ARN	ARM	Total 106	
	Category	CTRG	RIG	FLD	OTHR	OTHR	WSC		
	No. of Persons	15	25	2	61	1	2		
	Personnel on Loc. Hrs.	24	24	24	24	24	24		
	Operating Hours.	0	24	12	12	12	24		

TRUCKS/BOATS	Standby/Tankers	Others
	pick up - c003	gasoline - 67

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	60	N/A	N/A	N/A

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-3260 DEVELOPMENT DRILLING BI-60

10/08/2025 - 01/31/2026

SND-2001 @ UTMN-3260 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2001
Well: UTMN-3260
Wellbores: (0) UTMN_3260_0

Charge #: (66-24057-3260)
Wellbores: (0) UTMN_3260_0

Objective : (UTMN-3260 IS PLANNED TO BE DRILLED AS A K-1 PRE-SET WELL TARGETING KHUFF C RESERVOIR AS A PRIMARY)

Foreman(s) AVASTHI, AVADHESH KUMAR
Engineer DE ABREU GONCALVES, MIGUEL ANTONIO / SINDI, MOAYAD SAEED
Manager MARRY, MOHAMMAD JABER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088-21677 712157	572-8255	572-7270

CONTRACTOR /CLERK VSAT: 804-9617 (SANAD)

Last 24 hr operations: SET BPV, N/D BOP. NU MLMV AND X-MAS TREE, RTRV BPV, SET TWCV, P/T X-TREE, RTRV PLUGS, FINAL DRIFT.

Next 24 hr plan: SET BPV, SECURE WELL. REVIEW RELEASE CHECK LIST , RIG RELEASE TO NEW LOCATION UTMN-3186

Location: 3.6 KM NORTH OF UTHMANIYAH CONTRACTOR CAMP

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,662	9 5/8	10713	10713	4 1/2	12,345	13,659	13,134

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13662	93.6 (10/26/2025@1500)	100	0	149	159

Formation Tops

Formations	Top Depth	Comments
RUS	540	103' SHALLOWER
UMER	700	41' SHALLOWER
ARUM	1,580	42' SHALLOWER
LAMS	2,165	34' SHALLOWER
AHMD	2,980	119' DEEPER.
SFNY	3,111	3' DEEPER
SHUB	3,970	17' DEEPER
BYDH	4,250	17' DEEPER
MDTM	5,145	37' SHALLOWER.
SULY	5,633	16' SHALLOWER.
HITH	6,205	23' SHALLOWER
ABAR	6,687	40' SHALLOWER
ABBR	6,801	32' SHALLOWER
ABCR	6,944	15' SHALLOWER
ARBD	7,052	24 DEEPER
BADR	7,470	5' SHALLOWER.
HNIF	7,960	61' SHALLOWER
BHUR	8,152	
DHRM	8,599	6' DEEPER
LFDR	8,657	5'SHALLOWER
BLFR	8,801	18 SHALLOWER.
HURN	9,296	52' SHALLOWER
MRRT	9,439	20' SHALLOWER
MNJR	9,877	21' SHALLOWER
JILH	10,267	5' SHALLOWER
JLDM	10,532	10' SHALLOWER
BJDM	10,684	8' SHALLOWER
MDJR	10,984	11' MD SHALLOWER
SUDR	11,853	13' MD SHALLOWER.
SDDM	12,230	15' MD SHALLOWER.
KHFF	12,645	52' MD SHALLOWER
KFAC	12,700	12700 59' MD/40' TVD SALLOWER.
KFBC	12,830	101' MD/67' TVD SHALLOWER
KFB2	12,870	
KC11	13,125	
KFCC	13,129	52' TVD SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	EOW	C	COMP	SET	PLUGN	EX1	13662	13662	2517	2517	R/D EXPRO SLICK LINE. POOH SLICK LINE
0545 - 0645	1	0	EOW	C	COMP	HT	PEL	RIG	13662	13662			L/D LANDING JOINT. R/D NABORS TBG HANDLING EQUIPMENT.
0645 - 0915	2.5	0	EOW	C	COMP	HT	PEL	RIG	13662	13662			L/DN 14 X 5-1/2" STD THROUGH MOUSE HOLE
0915 - 1130	2.25	0	EOW	C	WH	SET	BPV	ARM	13662	13662			GWS SET 4" BPV.
1130 - 1200	0.5	0	EOW	C	BOP	PJSM	BOP	RIG	13662	13662			HPJSM PRIOR ND 13-5/8" 15 M CLASS "A" BOP STACK. DISCUSSED RISKS AND HAZARDS OF BOP HANDLING , WORKING AT HEIGHT, LINE OF FIRE AND SWA.
1200 - 1400	2	0	EOW	C	BOP	ND	BNIP	RIG	13662	13662			N/D FLOW LINE, BELL NIPPLE & REMOVED V-DOOR.
1400 - 2130	7.5	0	EOW	C	BOP	ND	BOP	RIG	13662	13662			ND 13-5/8" 15 M CLASS "A" BOP STACK DISMENTLED IN PIECES AND RELATED EQUIPMENT.
2130 - 2330	2	0	EOW	C	WH	NU	GV	CAM	13662	13662			HPJSM, N/U 11" X 4-1/16" 10M CEW MLMV. TEST VOID TO 7,500 PSI- OK >SN# 122225923009, PN# 2368207-8-03.
2330 - 0030	1	0	EOW	C	WH	NU	TREE	CAM	13662	13662			HPJSM, N/U 4-1/16" 10M CIW X-MAS TREE.

LIMITED MORNING REPORT

UTMN-3260 DEVELOPMENT DRILLING BI-60

10/08/2025 - 01/31/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													>SN# 122337539-01, PN# 2201888-0400713
0030 - 0200	1.5	0	EOW	C	WH	PTST	TREE	CAM	13662	13662			GWS REPLACE BPV WITH TWCV. TEST TREE & BONNET TO 10,000 PSI-OK. GWS RETRIEVE TWCV.
0200 - 0459	3	0	EOW	C	COMP	DTU	DRFT	EX1	13662	13662			HELD PJSM; RU EXPRO S/L, BOP, LUBRICATOR, PT . RUN #1: RETRIEVE PRONG FROM 'R' NIPPLE RUN #2: RETRIEVE PLUG FROM UPPER 'R' NIPPLE AT 2,517'. RUN #3: PERFORM FINAL DRIFT W/ 3.625" GAUGE CUTTER .....ON GOING

Foreman Remarks

UTMN-3260 IS PLANNED TO BE DRILLED AS A K-1 PRE-SET WELL TARGETING KHUFF C RESERVOIR AS A PRIMARY TARGET. THE WELL WILL BE
DRILLED IN THE UTMN. IT IS LOCATED OUTSIDE THE KHUFF-A AND INSIDE KHUFF-B AND KHUFF-C BOOKED RESERVE LIMITS.
==========ARAMCO PERSONNEL==========
* ARAMCO CLERK TAHIR ZAMAN #8546104 ON LOCATION 05/29/25.
* ARAMCO FCT MOHAMMED BUSHEHAB #818198 ON LOCATION 01/20/2026.
* ARAMCO PDP YASSER ALQAHTANI OFF LOCATION 1/25/2026.
* ARAMCO PDP AHMED ALSEHAIBANI #813828 OFF LOCATION 11/30/2025
* ARAMCO CLERK HAMAD AL MARRY ON LOCATION.1/21/2026.
==========PRE-TOUR MEETING==========
PROCEDURE OF THE WEEK : JOURNEY MANAGEMENT AND ROAD SAFETY
LESSON LEARNED OF THE WEEK (OPERATIONS / HSE ALERT) : ANKLE INJURY WHILE RIH
WEEKLY FOCUS AREAS AUDIT CHECKLIST: CRITICAL SAFETY FOCUS AREAS- LEADERSHIP ACCOUNTABILITY
LIFESAVING RULE NO 8.POSITION YOURSELF IN A SAFE LOCATION
SANAD 10 RULES TO LIVE BY 9.PROTECT YOURSELF AGAINST A FALL WHEN WORKING AT HEIGHT
10. WEAR YOUR SEAT BELT
NGGDD DRILLING CONTRACTORS SAFETY TOPICS 47. EMERGENCY RESPONSE PLAN

HSE ALERT 08-26 - ROUSTABOUT ANKLE TWISTED
HSE ALERT 09-26 - TRUCK ROLLOVER
HSE ALERT 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION

DRILLS:

==========RIG VISIT==========
* NONE.
==========SERVICE COMPANY PERSONNEL==========
* 1 X EMEC MUD ENGINEER
========== ==========
* LP AUDIT TOTAL FINDINGS 4, CLOSED 4, OPEN 0.
* HSE GAP ANALYSIS 91% CONDUCTED ON AUG 10, 2025
* DOECD RHSEI AUDIT TOTAL FINDINGS 29, CLOSED FINDINGS 28, OPEN 01.
* DOECD WCEI TOTAL FINDINGS 6, CLOSED ITEMS 6, OPEN 0.
* CONDUCTED CEHA ON 06/11/2025: 91%
* CONDUCTED MMSR ON 06/11/2025: 94%
* CONDUCTED HAZCOM JANUARY 8, 2024 , FINAL SCORE IS 92%
==========NEAR MISS & SLS==========
*
==========RIG SHORTAGE ==========
*
==========RENTAL TOOLS==========.

==========COST OPTIMIZATION======
*
==========
NEXT WELL: UTMN-3186 LOCATION IS 99% READY
==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	10	116,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	4	0	1 / 2	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	1	0	1 / 2	0	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	0API	0	0 Volts	0	10	116,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	4	0	1 / 2	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	1	0	1 / 2	0	200	0

MUD TREATMENT

Username: YUAYANAL
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LIMITED MORNING REPORT

UTMN-3260 DEVELOPMENT DRILLING BI-60

10/08/2025 - 01/31/2026

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BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
11	13,662	13,662	DP Av	DC Av	Bit HHP	N/A	N/A	M244	3.625	CDB
Pressure	GPM	Jet Vel	0	N/A	0	I-Row	O-Row	DC	Location	Bearings
N/A	0	0				1	2	CT	A	N
Serial Numi	Type	Jets	TFA							
272521	T0856	5 x 12 /	0.552							
Gauge	Other	POOH Reas								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
N	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	N/A	N/A	N/A	SEASONAL	1,255	EACH TOUR DAILY

PERSONNEL AND SERVICES INFORMATION

Company	RIG	RIG	EMC	MJH	RIG	RIG	ARM	EX1	OTH	ARM	CAM
Category	CTRG	RIG	DFMS	SEC	MED	OTHR	OTHR	SLS	VAC	WSC	WHES
No. of Persons	16	37	1	7	1	9	3	3	6	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	8	24	24
Operating Hours.	0	24	12	0	12	12	12	3	8	24	3

Total
86

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
ARAMCO H 720	COASTER BUS	AMBULANCE	SANAD PICK UP	SANAD MECHANIC PICK UP

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	550	283	50	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-1998 DEVELOPMENT DRILLING BI-60

12/19/2025 - 02/23/2026

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SND-2002 @ HRDH-1998 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2002
Well: HRDH-1998
Wellbores: (0) HRDH_1998_0

Charge #: (66-24058-1998)
Wellbores: (0) HRDH_1998_0

Objective : (VERTICAL, MK-1, TARGETING KHUFF-C AS PRIMARY TARGET AND KHUFF-B AND KHUFF-A AS SECONDARY TARGET.)

Foreman(s) AMEZIANE, FARID / ABOUELENEIN, AMRO MOHAMED
Engineer ROJAS BRITO, JOSE OCTAVIO
Manager MOUSA, NEDAL ADEL

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00-882-167 -771-1388	577-6114	577-9630

CONTRACTOR /CLERK VSA T: 577-9623

Last 24 hr operations
P/U 8-3/8" ROTARY BHA W/ MWD & PBL SUB, CO CMT, CO DV, CHC, RIH.

Next 24 hr plan
RIH, CO SHOE TRACK, DISPL TO 125PCF, P/T CSG, CO SHOE, DRILL 10',CHC, FIT (EMWT 150 PCF), DRILL 8-3/8" HOLE W/ MWD TO 7" LP AT 11305' MD (10'VD INTO KFCC).

Location: HRDH-1998
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
9,170	9 5/8	9166	9166				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9170	28.2 (12/31/2025@0100)	100	0	245	254

Formation Tops

Formations	Top Depth	Comments
BYDH	3,100	48' SHALLOWER
MDTM	4,210	43' DEEPER
SULY	4,790	77' DEEPER
HITH	5,320	13' SHALLOWER
ABAR	5,790	8' DEEPER
ABBR	5,890	2' DEEPER
ABCR	6,000	15' SHALLOWER
BACR	6,090	
ABDR	6,320	1' SHALLOWER
BADR	6,530	16' SHALLOWER
UHFR	6,960	11' DEEPER
BUHR	7,070	61' SHALLOWER
HDRR	7,300	12' SHALLOWER
BHDR	7,490	16' DEEPER
DHRM	7,650	7' SHALLOWER
LFDR	7,730	15' DEEPER
BLFR	7,800	46' SHALLOWER
HURN	8,300	80' SHALLOWER
MRRT	8,480	8' SHALLOWER
MNJR	8,600	74' SHALLOW
JILH	8,800	52' SHALLOW
JLDM	9,020	12' SHALLOW
BJDM	9,140	24' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	12	N	DRLG	OTH	NA	SDM	9170	9170	0	1286	RIG SERVICE AND INSTALL SLB DRAW WORK DEPTH SENSOR AND STAND PIPE SENSOR.
0630 - 1330	7	0	12	N	DRLG	TI	BHA	RIG	9170	9170	0	1286	PJSM, PU & MU 8-3/8" RR PDC BIT (SMITH, TYPE: MSI616-C, SN: SA01467, NOZZLES: 6 X 15/32") & ROTARY BHA WITH SLB MWD/GR TOOLS & CORETRAX PBL SUB & PU 21 JTS X 6.25"DC; JAR; 2 JTS X 6.25"DC; 15 JTS X 5.5"HWDP. > MU BIT TQ: 19,000 LB.FT > JAR DRIFTED WITH 2.25" CORETRAX BALL.
1330 - 1430	1	0	12	N	DRLG	CIRC	MPMP	RIG	9170	9170			FLUSH STRING AND CHECKED SLB MWD SIGNAL OK 389 GPM, 850 PSI.
1430 - 1900	4.5	0	12	N	DRLG	HT	STRG	RIG	9170	9170			CONT. RIH WHILE PU 60 JTS X 5.5" DP'S FROM PIPE RACKS. > FLUSH STRING EACH 10 STDS.
1900 - 2000	1	0	12	N	DRLG	RW	BIT	RIG	9170	9170	2800	2957	WASH DOWN FROM 2,800' TILL TAG TOC AT 2,957'.
2000 - 2230	2.5	0	12	N	DRLG	DC	TDS	RIG	9170	9170	2957	3100	CLEAN OUT CMT FROM 2,957' TILL TAG DV PLUGS AT 3,139' > PUMP 20 BBL HI-VIS EA JT. > WOB: 5-10 KLB'S, RPM: 60, GPM: 650, SPP: 2550 PSI, TQ: 600-900 LB.FT
2230 - 0130	3	0	12	N	DRLG	DFS	TDS	RIG	9170	9170	3139	3160	CLEAN OUT CLOSING PLUG & DV FROM 3,139' TO 3,160'. > C/OUT CLOSING PLUG: WOB:3-5, RPM:60 , GPM:500, SPP: 1550 PSI, TQ:600-1500 LB.FT > C/OUT DV: WOB: 10-20 KLB'S, RPM:60, GPM:300, SPP:780 PSI, TQ: 600-3500 LB.FT > TQ LIMIT INSIDE 9-5/8" CSG: 5000 LB.FT
0130 - 0300	1.5	0	12	N	DRLG	RW	BIT	RIG	9170	9170	3100	3192	SWEEP W/ 50 BBL HI-VIS & CIRC TILL SHAKERS CLEAN WHILE RECIPROCATING THRU DV INTERVAL TILL GOT SMOOTH PASS WITHOUT ROTATION OR CIRC.
0300 - 0400	1	0	12	N	DRLG	TI	STDP	RIG	9170	9170	3192	4706	RIH W/ 8-3/8" ROTARY BHA WITH MWD/GR TOOLS & CORETRAX PBL SUB WHILE FILLS ON 5.5" DP STD'S.
0400 - 0430	0.5	0	12	N	DRLG	HT	STRG	RIG	9170	9170			L/D 3 JT X 5.5" DP FOR INSPECTION & PU 3 JT X 5.5" DP FROM PIPE RACK.
0430 - 0459	0.5	0	12	N	DRLG	RR	TDS	RIG	9170	9170			

LIMITED MORNING REPORT

HRDH-1998 DEVELOPMENT DRILLING BI-60

12/19/2025 - 02/23/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													SERVICE TDS

Foreman Remarks

WELL OBJECTIVES:
HRDH-1998 IS PLANNED TO BE DRILLED AS VERTICAL WELL WITH MK-1 DESIGN, TARGETING KHUFF-C AS PRIMARY TARGET AND KHUFF-B AND KHUFF-A AS SECONDARY TARGET.
==========ERP==========
> STAGING AREA #1: N: 24.32834, E: 49.09543, 0.8 (KM) E.
> STAGING AREA #2: N: 24.33305, E; 49.08559, 0.55 (KM) N.
> STAGING AREA #3: N: 24.32366, E; 49.11202, 5.1 KM FROM HRDH GOSP-2 (HRDH GOSP-2 LOCATED 2.7 KM WSW FROM HRDH-1998).
==========WELL SECTIONS ==========
* PLANNED 28" SECTION TO 540' MD (+/- 20' INTO UER) / ACTUAL: 540'.
* PLANNED 22" SECTION TO 1,864' MD (50' INTO AHMD) / ACTUAL: 1,935'.
* PLANNED 16" SECTION TO 4,217' MD (50' INTO MDTM) / ACTUAL: 3,450' (350' INTO BYDH - DUE TO TOTAL LOSSES IN WASIA).
* PLANNED 12" SECTION TO 9,194' MD (30' INTO BJDM) / ACTUAL: ......'.
* PLANNED 8-3/8" SECTION TO 11,305' MD (10' INTO KFCC) /ACTUAL: .....'.
* PLANNED 5-7/8" SECTION TO 11,812' (+/- 250' INTO KFDA) /ACTUAL: .....'..
==========CSG KPI==========
* RUN 30" CSG KPI: 2.9 JT/HR, ACTUAL: N/A
* RUN 24" CSG KPI: 4 JT/HR, ACTUAL: 4 JT/HR
* RUN 18-5/8" CSG KPI: 7 JT/HR, ACTUAL: 7.5 JT/HR
* RUN 13-3/8" CSG KPI: 11.5 JTS/HR / ACTUAL: 12 JTS/HR
* RUN 9-5/8" CSG KPI: 14 JTS/HR / ACTUAL: 10 JTS/HR INSIDE CSG (OPEN HOLE WITH CONTROL SPEED TO AVOID SURGE)
* RUN 7" CSG KPI: 14 JTS/HR / ACTUAL: .... JTS/HR
* RUN 4-1/2" TBG COMPL. KPI: 13 JTS/HR / ACTUAL: ... JTS/HR.
==========WELLHEAD KPI ==========
* INSTALL 18-3/4" X 18-5/8" 3M SOW WELLHEAD KPI: 5 HR / ACTUAL: NA
* INSTALL 13-5/8" X 18 3/4" 10M WELLHEAD KPI: 4 HR / ACTUAL: 3 HR.
* INSTALL 13 5/8" X 11" 10M THS KPI: 4 HR / ACTUAL: 2.5 HR
==========ARAMCO PERSONNEL ON RIG ==========
> RIG CLERK: BHUWAN GURAGAIN # 8145663 ON LOCATION SINCE 03/22/2025.
> ARAMCO PDP ABDULLAH ALMALLAK #813785 ON LOCATION SINCE 1/27/2026.
> ARAMCO PDP WALEED ALANAZI #810652 ATTEND COURSE IN DHAHRAN FROM 01/25/2026
> ARAMCO FCT AHMED AZWARI #791085 ATTENDING TRAINING IN DHAHRAN.
==========CREW SHORTAGE==========
> CREW SHORTAGE: NA
> SAUDIZATION: 71%
==========HSE==========
> NEAR MISS 0, SOC 15, PTW 11, JSA 14, SWA 2, HAZARD HUNT 4, STAR 2.
> DRILLS; 3 (2 TRIP DRILL, 1 H2S DRILL)
> SAFETY MEETING TOPICS: PINCH POINTS; FAR FROM FIRE OF LINE WHILE PU BHA; EFFECTIVE SWA.
> DISCUSS WELL CONTROL LESSON SHARING - CIRCULATION OF GAS THROUGH A MUD GAS SEPARATOR BEYOND ITS CAPACITY - ISSUE NO. EXT 1-26.
> HSE ALERTS: HSE : HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 TRUCK ROLLOVER, HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
==========AUDITS==========
> 2ND QTR 3MCI ON 22 APRIL: 70 FINDINGS, 70 CLOSED, 0 OPEN ITEMS.
> 1ST RHSEI, ON 11 JAN-25: 37 FINDINGS, 37 CLOSED, 0 OPEN ITEMS.
> WELL CONTROL 2025: 9 FINDINGS, 9 CLOSED, 0 OPEN ITEMS.
==========SERVICES COMPANIES & EQUIPMENTS==========
> SLB 2 MWD ON RIG SINCE 01/26/2026.
> HES HALLIBURTON 4 OPERATORS ON RIG SINCE 01/26/2026.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
76 PCF	1	0API	64	515 Volts	4.5	0	195,114
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2HTHP	22	22	0	12 / 18	INVER	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
77	0	22	14	11 / 12	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
76 PCF	1	0API	64	510 Volts	4.5	0	195,114
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2HTHP	22	23	0	12 / 18	INVER	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
79	0	22	14	11 / 12	0	0	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5RR	9,170	9,170	DP Av	DC Av	Bit HHP	20	60	M423	8.375	SMT
Pressure	**GPM**	**Jet Vel**	399.38	512.63	140	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,550	650	202				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA01467	MSI616C	6 x 15 /	1.035							
Gauge	**Other**	**POOH Reas**								

LIMITED MORNING REPORT

HRDH-1998 DEVELOPMENT DRILLING BI-60

12/19/2025 - 02/23/2026

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N/A

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	0	155	155	155	3,500		0

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
18	Drillpipe	RIG	5.5	0	5.5	4.67	0	1,286.26	XT54	XT54	24.7	97,561.446	CYX105	PREM	
17	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	453.91	1,286.26	XT54	XT54	52	97,561.446		CONV	LISTED
16	Crossover	RIG	6.438	1	6.438	2.75	1.84	832.35	XT54	NC46	52.51	73,958.126			72722
15	Drillcollar	RIG	6.25	2	6.25	2.25	60.67	830.51	NC46	NC46	90.78	73,861.508		SPRL	LISTED
14	Hydraulic Jar	CTC	6.5	1			30	769.84			90	68,353.885			DJ6650271
13	Drillcollar	RIG	6.25	21	6.25	2.25	635.96	739.84	NC46	NC46	90.78	65,653.885		SPRL	LISTED
12	String Reamer	RIG	8.375	1	8.375	1.875	6.91	103.88	NC46	NC46	85	7,921.436			HDH20825
11	Crossover	RIG	6.25	1	6.25	2.25	2.63	96.97	NC46	NC50	90	7,334.086			5588
10	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20	94.34	NC50	NC50	27.7	7,097.386			233CC181090
9	FIlter Sub	SDM	6.75	1	6.5	3	6.71	74.34	NC50	NC50	90	6,543.386			6751043
8	Saver Sub	SDM	6.438	1	6.438	2.75	1.67	67.63	NC50	NC50	90	5,939.486			12209
7	Measurement While Drilling (MWD)	SDM	6.75	1	6.75		30.58	65.96			88.25	5,789.186			NTS34704
6	Saver Sub	SDM	6.438	1	6.438	2.75	2.35	35.38	NC50	NC50	90	3,090.501			NTS34804
5	Crossover	RIG	6.5	1	6.5	2.75	3	33.03	NC50	NC46	90	2,879.001			30112
4	String Reamer	RIG	8.375	1	8.375	1.875	7.4	30.03	NC46	NC46	90	2,609.001			HDH-20806
3	Pony Collar	RIG	6.25	1		2.25	15.13	22.63	4 IF		90.78	1,943.001			HDH30401
2	Near Bit Roller Reamer	RIG	8.375	1	6.5	2.313	6.7	7.5	NC46	NC46	85	569.5		3 POINT	HDH20588
1	Bit	SMT	8.375	1	8.375		0.8	0.8	4.5" REG			0			SA01467

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	01/27/2026	NORMAL	N/A	NORMAL	3,793	EFFECTIVE SWA.

PERSONNEL AND SERVICES INFORMATION

Company	CRW	TGC	RIG	EMC	MJH	SDM	HMS	RIG	ARM	ARM
Category	WBCS	CTRG	RIG	DFMS	SEC	LWD	MLS	OTHR	OTHR	WSC
No. of Persons	1	17	45	2	8	2	4	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	2	0	24	24	0	12	12	12	12	24

Total
84

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
ARAMCO P/U: DH-4867	sanad ambulance	sanad bus	sanad pickup

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	376	N/A	N/A	3000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

04/09/2018 - 02/05/2026

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SND-2003 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-2003 Well *RIG MAINTENANCE* Wellbores:	Charge #: () Wellbores:	Objective : (RIG CAT IV MAINTENANCE)	Foreman(s) PETROV, KRASIMIR GEORGIEV / ALQAHTANI, MOHANAD AYEDH Engineer OGUNRINDE, ADEMOLA OPEYEMI Manager OTAIBI, GHANNAM ABDULHADI

THURAYA	THURAYA	RIG FORMAN VSAT
0088-216-7 77-13861	T.P. 013- 804-9624	378-6451
FAX VSAT	CONTRACTOR /CLERK VSA T	
N/A	CLERK: 37 8-6453	

Last 24 hr operations	Next 24 hr plan
CONT. CAT IV MAINTENANCE: ELECTRICAL UPGRADE AT MINI CAMP LIVING QUARTERS. SUBBASE REPAIR. CONTINUE OEM INSPECTION ON MAST	CONT. CAT IV MAINTENANCE: ELECTRICAL UPGRADE AT MINI CAMP LIVING QUARTERS. SUBBASE REPAIR. CONTINUE OEM INSPECTION ON MAST

Location	Next Location
HARADH AL-KHARJ ROAD. AFTER ALMARAI FARM 11 KM TURN LEFT ON THE BRIDGE AND CONTINUE LEFT WITH SIGNS	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	RD	NA	RIG					CAT IV MAINTENANCE: MPI INSPECT PIPE RACKS CONT'D MAST OEM INSPECTION WORK ON RIG PUMPS MAINTENANCE UPGRADE ELECTRICAL/LIGHTS/SOCETS IN MINI CAMP CONTINUED WELDING WORK ON SUBBASE MONKEY BOARD IN TOWN FOR REPAIR SINCE JAN 20TH OFF DRILLERS SIDE A-LEG IN TOWN FOR REPAIR SINCE JAN 20TH DRAWWORKS IN TOWN SINCE JAN 7TH CROWNBLOCK IN TOWN SINCE JAN 9TH MAIN CAMP GENERATOR IN TOWN SINCE JAN 9TH SENT DRAWWORKS FRAME/PLATFORM TO TOWN FOR REPAIR ON JAN 24TH SENT 2 EA SETBACK BEAMS TO TOWN FOR REPAIR ON JAN 24TH COMMENCED WELDING JOB/REPAIR ON RIG SUBBASE ON JAN 23RD R/D = 80 % ON LOCATION CAT IV MAINTENANCE = 20 OUT OF 32 PLANNED DAYS 3 EA SANDBLASTING UNITS WORKING 3 EA FORKLIFTS 3 EA CRANES 1 EA LOW BOY TRUCK 24 EA WELDERS ON BOARD 10 EA WELDING MACHINE ON BOARD 1 EA RIGGER ONE ON BOARD 2 EA OEM INSPECTORS

Foreman Remarks

OBJECTIVE :

CAT IV RIG MAINTENANCE ON DRYM-1 WELL LOCATION

==========WELL DESIGN / WHIPSTOCK INFORMATION==========

==========RIG LOCATION==========
DIRECTIONS: +/- 375 KM FROM DAMMAM, HARADH ALKHARJ ROAD , AFTER ALMARAII FARM 10 KM TURN LEFT ON BRIDGE AND CONTINUE 22 KM TO CAMEL FOOD MARKET THEN FOLLOW SIGN BOARDS TO THE RIG , SKID ROAD 11 KM
==========HSE==========
- NONE
========== ARAMCO POB ==========
- ARAMCO RIG CLERK NAWARAJ GURUNG # 8145019 ON LOCATION SINCE 11-OCT-2025.
- ARAMCO PDP SULTAN ALSULTAN 810326 ON LOCATION SINCE 20-JAN-2025
- ARAMCO M.E TAMI ALMAHASHEER # 8491700 ON LOCATION SINCE 27-JAN-2026.
- AL MUJAHDEEN ON LOCATION.
========== SERVICE PERSONNEL ==========
NO SERVICE COMPANY ON LOCATION

========== RENTAL TOOLS ==========
-WATER SPARY TANKER DRSS; 3000370397 ON LOCATION FOR DECEMBER

========== DIESEL CONSUMPTION & WATER WELL ==========
- DIESEL ENGINE CONSUMPTION (RIG+CAMP): DAILY 31BBLS / TOTAL (2026): 832BBLS.

==========

==========RIG SND-2003 JOURNEY MANAGEMENT==========
-CREATE JOURNEY MANAGMENT PLAN BEFORE LEAVING YOUR BASE.
-ALL CARS SHOULD HAVE SUPPLIES OF DRINKING WATER & CAR SURVIVAL KIT.

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LIMITED MORNING REPORT

MAINTENANCE BI-RM

04/09/2018 - 02/05/2026

-27 KM SKID ROAD LEADING TO THE RIG .SKID ROAD HAS NO MOBILE SIGNAL.(NEED THURAYA PHONE)
==========
* NEXT LOCATION: RYHN-3
* WATER WELL: RYHN-803

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	5,062	RIGGING DOWN

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	MJH	RIG	ARM	OTH	ARM
Category	CTRG	RIG	SEC	OTHR	OTHR	VAC	WSC
No. of Persons	16	42	8	67	3	4	1
Personnel on Loc. Hrs.	24	24	24	24	24	12	24
Operating Hours.	0	24	24	24	24	12	24

Total
141

TRUCKS/BOATS

Standby/Tankers
C253

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

QTIF-347 DEVELOPMENT DRILLING BI-60

01/03/2026 - 03/26/2026

أرامكو السعودية
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SND-2004 @ QTIF-347 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2004
Well: QTIF-347
Wellbores: (0) QTIF_347_0

Charge #: (66-25012-0347)
Wellbores: (0) QTIF_347_0

Objective : (SOM, SINGLE LATERAL HORIZONTAL OIL PRODUCER IN ARAB-C RES.)

Foreman(s): IBRAHIM, REDA MOHAMED / ALKHAMEES, MUSSAB IBRAHIM
Engineer: ALURAIK, ABDULRAHMAN KHALED / ALDUAIJI, IBRAHIM ABDULAZIZ
Manager: ELDEEB, TAREK ABD ALLA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 272	3786463	3786464/37 86465

Last 24 hr operations: R/U NAPESCO & RIH 13-3/8" CSG ON SLB CWD TO BTM, CIRC & PERFORM 1ST STAGE CMT JOB.

Next 24 hr plan: 2ND. STAGE CMT JOB, N/D DIVERTER, CUT CSG, WELD 13-5/8 3K CHH.

Location: 51 KM FROM DHAHRAN MAIN GATE.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
2,775	18 5/8	721	721				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2775	9.5 (01/18/2026@1800)	0	0	51	51

Formation Tops

Formations	Top Depth	Comments
RUS	641	
ARMA	1,980	
LAMS	2,685	

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	17	N	CSG	HT	PEL	RIG	2775	2775			R/D TDS LINKS. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
0600 - 0845	2.75	0	17	N	CSG	HT	PEL	NAC	2775	2775			HPJSM, R/U NAPESCO CRT, CSG HANDLING EQUIPMENT ,POWER TONG & PU/LD MACHINE. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
0845 - 0915	0.5	0	17	N	CSG	PJSM	CSG	RIG	2775	2775			HELD PRE JOB SAFETY MEETING WITH RIG CREW & ALL PERSONNEL INVOLVED IN JOB, DISCUSSED SAFE JOB PROCEDURE, RISK ASSESMENT, JSA, PINCH POINT HAZARDS & GAME PLAN
0915 - 1130	2.25	0	17	N	CSG	RCSG	CSTR	NRC	2775	2775	0	207	P/U & M/U 13-3/8" CSG SHOE TRACK AS FOLLOW: SLB XCD PDC BIT + 1 JT 13-3/8" CSG, 68#, BTC, FBE-EPC, J/K-55 + HALL FLOAT COLLAR + 2 JT 13-3/8" CSG, 68#, BTC, FBE-EPC, J/K-55 + HALL FLOAT COLLAR W/ BY-PASS BAFFLE PLATE + 1 JT 13-3/8" CSG, 68#, BTC, FBE-EPC,J/K-55 + HALL SHUT-OFF ADUPTER + 1 JT 13-3/8" CSG, 68#, BTC, FBE-EPC, J/K-55. - THREAD-LOCKED FIRST 5 JTS. - CSG TYPE: 13-3/8" CSG, 68#, J/K-55, BTC, FBE-EPC. - CHECKED FLOATS EQUIP ON V-DOOR. OK
1130 - 1200	0.5	0	17	N	CSG	SDR1	NA	RIG	2775	2775			CONDUCT STAND DOWN MEETING WITH RIG CREW AND DISCUSSED SAFETY CULTURE IMPROVEMENT, PTW, JSA & ENFORCE SWA.
1200 - 1315	1.25	0	17	N	CSG	RCSG	CTRQ	NRC	2775	2775	207	721	RIH 13-3/8" CSG, 68#, BTC, FBE-EPC,J/K-55 WITH SLB CWD USING NAPESCO CRT TO 18-5/8" CSG SHOE @ 721' (18JTS OF 68JTS). - FILL UP EVERY JT WHILE RIH. - INSTALLED MLT (MULTI LUBE TORQUE) RING ON EACH BTC CONNECTION. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
1315 - 1445	1.5	0	17	N	CSG	CIRC	MPMP	RIG	2775	2775			R/U 13-3/8" SPIDER SLIPS, BREAK CIRC & RECORD PARAMETERS AT 18-5/8" CSG SHOE. -PU:108 KLBS, S/O:110 KLBS, RPM:40, TQ:1200 KFT.IB, FLOW RATE:500 GPM, PRESS: 80 PSI. -PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
1445 - 1800	3.25	0	17	N	CSG	RCSG	CTRQ	NRC	2775	2775	721	2183	RIH 13-3/8" CSG, 68#, BTC,FBE-EPC, J/K-55 ON SLB-CWD, ACROSS OPEN HOLE USING NAPESCO CRT TO 2183' (54 JTS OUT OF TOTAL 68 JTS). - FILL UP EVERY CSG JOINT WHILE RIH. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
1800 - 1945	1.75	0	17	N	CSG	RCSG	DV	HDV	2775	2775			HPJSM, P/U & M/U HALLIBURTON 13-3/8" DV TOOL ASSY. - INSTALLED 3X SPIRO-O-LIZERS CENT ABOVE & 3X BELOW DVT. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
1945 - 2100	1.25	0	17	N	CSG	RCSG	CTRQ	NRC	2775	2775	2183	2665	RIH 13-3/8" CSG, 68#, J/K-55, BTC, BAR/EPC-FBE ON SLB-CWD, ACROSS OPEN HOLE USING NAPESCO CRT HAD SLACK 10 KLBS AT 2665' (66 JTS OUT OF TOTAL 68 JTS). - FILL UP EVERY CSG JOINT WHILE RIH. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
2100 - 2215	1.25	0	17	N	CSG	RW	CSG	RIG	2775	2775	2665	2775	SOFT REAM DOWN 13-3/8" CSG UTILIZED SLB-CWD USING NAPESCO CRT TO BTM @ 2775' (68 JTS OUT OF TOTAL 68 JTS).

LIMITED MORNING REPORT

QTIF-347 DEVELOPMENT DRILLING BI-60

01/03/2026 - 03/26/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- REAM DOWN PARAMETERS:ROT 20 RPM, F.RATE: 500 GPM, PRESS:250-300 PSI, TQ:2500 FT.LB. - TOTAL RIH 68 JTS (54 JTS COATED + HALL DVT + 10 JTS BARE + 4 JTS COATED). - SLB PDC CWD BIT @ 2769', F/C @ 2730', F/C W/ BY-PASS BAFFLE PLATE @ 2,647', SHUT OFF ADUPTER @ 2,605', DVT @ 571'. - PUMP 1.5-2 BBL/MIN 80 PCF INHIBITED MUD CAP IN ANNULUS.
2215 - 2245	0.5	0	17	N	CSG	SDR1	NA	RIG	2775	2775			CONDUCT STAND DOWN MEETING WITH RIG CREW AND DISCUSSED SAFETY CULTURE IMPROVEMENT, PTW, JSA & ENFORCE SWA.
2245 - 0000	1.25	0	17	N	CSG	CIRC	MPMP	RIG	2775	2775			CIRC 2 X CSG VOLUME @ 300 GPM/200 PSI & 400 GPM / 300 PSI - 0% RETURNS - PUMPING 80 PCF MUD CAP IN ANNULUS AT 1.5-2 BBL/MIN.
0000 - 0100	1	0	17	N	CSG	HT	PEL	NRC	2775	2775			R/D NAPESCO 13-3/8" CSG HANDLING TOOLS, CRT & PU/LD MACHINE.
0100 - 0215	1.25	0	17	N	CSG	HT	PEL	RIG	2775	2775			HPJSM, R/D LONG BAILS, R/U BAKER CMT HEAD & SURFACE LINES. PTW, FLUSH & P/T SURFACE LINES TO 500/4000 PSI, OK.
0215 - 0459	2.75	0	17	N	CSG	CMC	CSG	BCM	2775	2775			HPJSM, PERFORMED 13-3/8" CSG 1ST STAGE CMT JOB AS FOLLOW: .. ONGOING @ R.T. - RIG PUMP 100 BBLS OF 85 PCF ARAMCO SPACER. - HALL. DV OPERATOR DROP BY-PASS PLUG. - BAKER FLY MIX & PUMP 284 BBL 101 PCF LEAD SLURRY. - BAKER FLY MIX & PUMP 116 BBL 118 PCF TAIL SLURRY. - HALL. DV OPERATOR DROP 1ST STAGE SHUT-OFF PLUG. - BAKER DISPLACE WITH 10 BBL CMT + 10 BBL 85 PCF ARAMCO SPACER. - RIG DISPLACE WITH 261 BBL OF 67 PCF MUD + 45 BBL 85 PCF ARAMCO SPACER + 65 BBL 67 PCF MUD. - BUMP PLUG W/ 1500 PSI (500 PSI OVER FINAL DISPLACEMENT PRESSURE). - BLEED OFF PRESS & CHECK FLOATS, OK. - PUMPING 80 PCF INHIBITED MUD CAP IN ANNULUS AT 1.5-2 BBL/MIN. - HAD NO RETURN AT SURFACE WHILE 1ST STAGE CMT JOB. * LEAD ADDITIVES: 0.02 GPS FP-12L, 1 %BWOC BENTONITE, 0.1 %BOWC ASA-301, 0.03 GPS R-21L-S. * TAIL ADDITIVES: 0.02 GPS FP-12L, 0.02 GPS R-21L-S.

Foreman Remarks

==========QTIF-347 WELL OBJECTIVE ==========
QTIF-347 WILL BE DRILLED FROM DRILL SITE NDP-12 AS AN OPEN HOLE SINGLE LATERAL HORIZONTAL OIL PRODUCER TARGETING ARAB-C RESERVOIR TO TD OF (17,106 FT MD / 7,049 FT TVD).

THE WELL WILL BE COMPLETED WITH 4-1/2" 12.6# L-80 TUBING, 7" RETRIEVABLE PACKER, WLSSSV, 2 PDHMS GAUGES AND ONE CERAMIC DISC.
THIS WELL WILL BE DRILLED USING SULAIY OPEN METHOD (SOM).
========== WELL DESIGN ==========
* 34" HOLE, 30" CONDUCTOR PLAN/ACTUAL: 120'/(TVD: 126', MD: 126').
* 28" HOLE, 24" CSG PLAN/ACTUAL: 350'/(TVD: 375', MD: 375').
* 22" HOLE, 18-5/8" CSG PLAN/ACTUAL: 741'/(TVD: 723' , MD: 723').
* 17" HOLE, 13-3/8" CSG PLAN/ACTUAL: 2660'/(TVD: , MD:), 100' TVD INTO LAMS.
* 12-1/4" HOLE, 9-5/8" CSG PLAN/ACTUAL: 5407'/(TVD: , MD:), 300 FT TVD INTO BIYADH.
* 8-1/2" HOLE, 7" LINER PLAN/ACTUAL: 12571'/(TVD: , MD:).
* 6-1/8" OPEN HOLE PLAN/ACTUAL: 17106'/(TVD: , MD:).
==========NEXT WELL==========
- NEXT WELL: QTIF-312 IN DRILL SITE P-35.
- WELL CHARGE NO: YES (66-26012-0312)
- WATER WELL # QTIF-956.
- APPROVED PROGRAM : NO
- APPROVED ERP : NO
- LOCATION READINESS : 40%.

==========2ND NEXT WELL==========
- NEXT WELL: QTIF-692 IN DRILL SITE W-4.
- WELL CHARGE NO: YES (66-25012-0692)
- WATER WELL #: TBA.
- APPROVED PROGRAM : NO
- APPROVED ERP : NO
- LOCATION READINESS : 0%

==========ERP & SAFETY REQUIREMENT==========
QTIF-347 HAS (30 PPM RER: 951 M, 100 PPM RER :340 M, 1/2 LFL RER 56 M, GOR: 345 SCF/BBL, H2S (%): 5.87.
- IF WIND DIRECTION FROM SOUTH, EVACUATION WILL BE TO PRIMARY SAFE STAGING AREA, SGA-3 DISTANCE: 5.1 KM.
- IF WIND DIRECTION FROM NORTH, EVACUATION WILL BE TO SECONDARY SAFE STAGING AREA, SGA-2 DISTANCE: 1.8 KM.
- IF NO WIND, EVACUATION WILL BE TO PRIMARY SAFE STAGING AREA, SGA-3.
- RELIEF WELLS: PRIMARY QTIF-306 (OPERATING), SECONDARY RELIEF WELL QTIF-337 (SHUT IN).
- EXISTING WELLS ON DRILLSITE NDP-12: QTIF-284.
- WATER WELL: QTIF-956, WATER WELL FLOW METER (S/N A24029196).
- TOTAL SAFETY H2S SENSORS & TECH ON LOCATION SINCE 3 JAN. 26.
- CONDUCT 2 X DAILY SAFETY & PRE-TOUR MEETING.
- PERFORMED DAILY RADIO CHECK WITH DH ECC.

Username: YUAYANAL
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LIMITED MORNING REPORT

QTIF-347 DEVELOPMENT DRILLING BI-60

01/03/2026 - 03/26/2026

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- 1 H2S DRILL
==========ARAMCO PERSONNEL ON LOCATION==========
- MATERIAL EXPEDITOR ABDULLRAHMAN AL-THERMAN #8494026 ON LOCATION SINCE 01/19/2026.
- MOHAMMED ALSAIF ARAMCO FCT #791458 ON LOCATION SINCE 01/26/2026.
==========RENTAL TOOLS==========
- WFD 9-1/2" JAR S/N: 1549-5008 RECEIVED 01/24/2026, LD AND REQEST BACKLOAD 01/27/2026.
==========DRILLING MUD RECYCLING==========
- TOTAL MUD RECEIVED: 270 BBLS WBM TOTAL MUD SHIPPED: 0 BBLS.
- 4 VACUUM TANKERS UNDER DRSS#3000370903.
==========ARAMCO VEHICLE ==========
- ARAMCO CAR# B874, LAST SERVICE: 07 JAN 2026, NEXT SERVICE DUE 07 MARCH 2026.
========== RIG VISIT ==========
- STEVN HSE ADVISOR.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	6API	0	0 Volts	1.09	9.2	102,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	25	0	5 / 7	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	1	11	8	5 / 6	5	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	6.2API	0	0 Volts	1.11	9	99,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	93	23	0	5 / 6	INPHHVG	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	1	10	7	5 / 6	5	240	0

MUD TREATMENT

BENT	S-PHPA-S	BARITE	CAUST	MAX-GUARD	NACL	PACR
3 (2500L)	9 (55LB)	10 (5000L)	5 (50LBP)	4 (55GL)	42 (2200L)	5 (55LB)
SODASH	**DRIL-STARCH**	**XC**				
3 (100LB)	32 (50LB)	23 (50LB)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
4	723	2,775	DP Av	DC Av	Bit HHP	40	40	445	17	REED
Pressure	**GPM**	**Jet Vel**	74.27	98.66	261	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,700	800	273				1	2	WT	A	E
Serial Numl	**Type**	**Jets**	**TFA**							
T303794	TH44A	3 x 18 / 1 x 16	0.942							
Gauge	**Other**	**POOH Reas**								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	180	180	180	9,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
			0				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	NA	SEASONAL	3,778	TWO PRE TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	BHI	RIG	BDF	MJH	TSF	RIG	ARM	OTH	ARM	NRC	SLC	HDV	BCM
Category	CTRG	DPDS	RIG	DFMS	SEC	H2S	OTHR	OTHR	VAC	WSC	CSR	CSV	DV	PCS
No. of Persons	17	4	42	2	8	1	9	2	4	2	4	2	1	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	0	24	0	24	10	24	24	24	10	0

Total
102

TRUCKS/BOATS

Standby/Tankers	Others	Others
ARAMCO Vehcle # B874	Ambulance	ERP evacuation bus

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	463	N/A	N/A	4300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

UTMN-1816 WORKOVER-4 BI-90

01/07/2026 - 02/05/2026

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SND-2005 @ UTMN-1816 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2005
Well: UTMN-1816
Wellbores: (0-2) UTMN_1816_2

Charge #: (61-25057-1816)
Wellbores: (0-2) UTMN_1816_2

Objective : (K | REPLACE TUBING: REPLACE DAMAGED TUBING IN PRODUCTION/OBSERVATION WELLS)

Foreman(s): SAIARI, ABDULAZIZ OMAR / RASSASI, MOHAMMAD AHMAD
Engineer: KHALIFAH, AHMED FOUAD
Manager: ALKURAYA, SIDDIQ BAKR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12705	578-8525	578-8528

CONTRACTOR /CLERK VSA T: 804-9647

Last 24 hr operations
RTRV BPV & SET TWCV, PT BOPE, RTRV TWCV, RETRIEVE TBG PLUG, POOH 4.5" TBG W/NO SUCCESS. R/U HALL E-LINE TBG CUTTER.

Next 24 hr plan
RIH HALL E-LINE TBG CUTTER. CUT 4-1/2" TBG. CHC, POOH 4-1/2" OLD UPPER COMPLETION.

Location: 152 KM FROM DHARAN MAIN GATE
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	6.3 (01/21/2026@2200)	100	0	152	152

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-2	POST	N	WH	SET	TWCV	RIG	14500	14500			HPJSM, P/U BPV & TWCV MANUAL RETRIEVING/SETTING TOOLS. - RETRIEVE BPV. - SET TWCV. - L/D RETRIEVING/SETTING TOOL.
0600 - 0800	2	0-2	POST	N	BOP	BOPT	BOP	RIG	14500	14500			HPJSM, P/T 13-5/8" 15M CLASS "A" BOP & WELLHEAD CONNECTIONS AS PER ARAMCO PROCEDURES. - PERFORM ACCUMULATOR DRILL. - BOPE FULL PT ON STAMP ON 01/23/2026.
0800 - 0900	1	0-2	POST	N	WH	RTRV	TWCV	RIG	14500	14500			HPJSM, P/U BPV & TWCV MANUAL RETRIEVING/SETTING TOOLS. - RETRIEVE TWCV. - L/D RETRIEVING/SETTING TOOL.
0900 - 1100	2	0-2	POST	N	DCOM	OTH	NA	NAC	14500	14500			HPJSM. R/U 5-1/2" NABORS TRS EQUIPMENT.
1100 - 1230	1.5	0-2	POST	N	WH	OTH	NA	RIG	14500	14500			M/U LANDING JOINT WITH LANDING SUB & SECREW INTO TBG HGR, INSTALL FOSV.
1230 - 1500	2.5	0-2	POST	N	DCOM	RTRV	PLUGT	EX1	14500	14500			HPJSM, R/U EXPRO SLICKLINE LUBRICATOR & BOP, P/T SAME TO 3000 PSI WITH WATER. - RIH & RETRIEVE 3.4" INTEWELL PLUG. - POOH & L/D PLUG. - R/D EXPRO SLICKLINE EQP.
1500 - 2000	5	0-2	POST	N	WH	OTH	NA	RIG	14500	14500			HPJSM, OPEN TBG SPOOL TIGHT DOWN SCREWS. - HAD DIFFICULTIES OPENING LOCK DOWN SCREWS.
2000 - 2300	3	0-2	POST	N	DCOM	OTH	NA	RIG	14500	14500			HPJSM, WORK ON STRING WITH SAFE PARAMETERS TO STING OUT FROM PBR, PULL OUT 11 FT FREELY WITH 180 KLBS THEN TRY TO STING OUT - NO SUCCESS. - DECISION MADE TO CUT TBG WITH RCT ON WIRELINE.
2300 - 0230	3.5	0-2	POST	N	DCOM	OTH	NA	HWP	14500	14500			HPJSM, R/U HLB WL SHEAVES & PRESS CONTROL EQUIP TO RIG FLOOR. P/TEST WL PCE TO 3500 PSI-OK. M/U 2.5" HLB TUBING CUTTER. - MONITOR WELL THRU TRIP TANK.
0230 - 0459	2.5	0-2	POST	N	DCOM	OTH	NA	HWP	14500	14500			RIH WITH 2.5" HLB TUBING CUTTER. PERFORM CORRELATION LOG...(ONGOING @ RT). - MONITOR WELL THRU TRIP TANK.

Workover Objectives

Foreman Remarks

ODF: 36'
========== WELL OBJECTIVE ==========
- THE OBJECTIVE OF THIS WORKOVER TO REPLACE THE CORRODED TUBING AND TO RECOMPLETE THE WELL WITH HALLIBURTON 7" THT PACKER ON 4-1/2" CARBON STEEL PRODUCTION TUBING.

========== ERP ==========
- THE WELL IS IN A NON-POPULATED AREA.
- 1/2 LFL: 97 M, RER (100 PPM): 328 M, RER (30 PPM): 945 M.
- STAGING AREA #1 (1.3 KM NE): N: 25.144043 & E: 49.376097.
- STAGING AREA #2 (1.4 KM WNW): N: 25.125386 & E: 49.381760.

========== JOURNEY MANAGEMENT PLAN ==========
- PRIOR ENTERING UTMN FIELD CALL YOUR COMPANY BASE, FILL YOUR VEHICLE WITH FUEL.
- CALL RIG AT 0135788525 PRIOR ENTERING UTMN FIELD.

LIMITED MORNING REPORT

UTMN-1816 WORKOVER-4 BI-90

01/07/2026 - 02/05/2026

- ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
- SKID ROAD DISTANCE 9.3 KM & NIGHT DRIVING IS PROHIBITED.

========== ARAMCO PERSONNEL ON BOARD ==========
- SAO&GDD CLERK MOHAMMED MAQDOOM ID#8999951 ON LOCATION SINCE 10/29/2025.
- ARAMCO MCM HUMOOD ALBAREEK ID#760453 ON LOCATION SINCE 01/21/2026.
- ARAMCO PDP ABDULRAHMAN ALKHALDI ID#835979 ON LOCATION SINCE 01/25/2026.

========== VISITORS ==========
- NONE.

========== SAFETY ==========
* PRE-TOUR SAFETY MEETINGS: 2 , WEEKLY SAFETY MEETING: 0.
* SAFETY MEETING TOPICS:
- DISCUSSED THE OPERATION OF THE DAY AS PER GAME PLAN AND ITS SAFETY REQUIREMENT.
- DISCUSSED HAZARD HUNT PHOTOS FOR THE WEEK.
- DISCUSSED FALL PROTECTION AWARENESS.
- DISCUSSED HAND FREE TOOLS
- REMINDED CREW ON WALKWAYS /ESCAPE ROUTES TO BE KEPT CLEAR AND UNOBSTRUCTED.
- FOLLOW UP WITH THE CREW FOR THE RIG ACTION LOG OPEN AUDIT FINDINGS.
* STOP CARDS: 10.
* INC/NEAR MISS: 0.
* STOP WORK AUTHORITY: 1.
* SAFETY ALERTS DISCUSSED: REEL-SAFE 03-26 CATWALK RAMP LIFTING POINT FAILURE
- H2S RELEASE DRILL: 0, H2S RESCUE DRILL:0, PIT DRILL: 0 ,TRIP DRILL: 0, SPILL DRILL: 0, SWA DRILL: 0, FIRE DRILL: 0, FIRE PUMP DRILL: 0, CONFINED SPACE RESCUE DRILL: 0, MAN LOST DRILL: 0, ACCUMULATOR DRILL: 0, VERTICAL RESCUE DRILL: 0, BOP FUNCTION TEST: 0, MAN DOWN: 0.OIL SPILL CLEAN UP DRILL: 0.
* PERMITS TO WORK: 14 .
- COLD WORK: 10, HOT WORK:1, BUFFER ZONE: 0, CONFINED SPACE: 1, RADIOACTIVE PERMIT: 0, FUEL TRANSFER PERMIT: 0, LIFTING PERSONAL PERMIT: 2.

========== RENTAL TOOLS ==========
- NONE.

====== WATER SPRAY & VACUUM TANKERS ==========
- NONE.

========== NEXT LOCATIONS ==========
- UTMN-2321 (HIGH H2S), (REN TWO HOLE SIZES, KHFC), PRE-WO MEETING DONE 11/3/2025, STRIP-OUT 100%, LOC. 90%, WOCP ISSUED.
- UTMN-2324, (REN TWO HOLE SIZES, KHFC), PRE-WO MEETING DONE 11/12/2025, STRIP-OUT 80%, LOC. 0%, WOCP ISSUED.

======== ARAMCO VEHICLE ==========
- ARAMCO VEHICLE NO: (F-056) ON LOCATION, NEXT PM SERVICE ON 02/25/2026.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	3,661	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	INW	NAC	TGC	RIG	BAR	MJH	SNS	RIG	ARM	EX1	ARM	HWP
Category	BRCR	CSR	CTRG	RIG	DFMS	SEC	H2S	OTHR	OTHR	SLS	WSC	WLS
No. of Persons	1	3	17	43	1	8	1	23	3	4	2	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	2	0	24	12	0	24	12	12	3	24	5

Total 110

TRUCKS/BOATS

Standby/Tankers	Others	Others
F-056	rig ambulance	rig pick up truck

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	692	44	10	450

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-2621 DEVELOPMENT DRILLING BI-60

11/24/2025 - 02/10/2026

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SND-2006 @ HRDH-2621 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2006
Well: HRDH-2621
Wellbores: (0) HRDH_2621_0

Charge #: (66-25058-2621)
Wellbores: (0) HRDH_2621_0

Objective : (MK-1 S-SHAPE 150 FT TVD INTO PUZU)

Foreman(s) BREAUX, JAMES PAUL
Engineer ALDOSSARY, MAJED ABDULAZIZ
Manager MARRY, MOHAMMAD JABER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
882-167-77 1-2722	013-577-61 16	013-577-61 17

CONTRACTOR /CLERK VSA T: 013-804-96 46

Last 24 hr operations: DRILL 5-7/8" HOLE SECTION T/ 15,390', CHC, POOH, CUT & SLIP, POOH.

Next 24 hr plan: POOH, C/O BHA, RIH, DRILL 5-7/8" HOLE SECTION TO +/- 15,755 FT (150 FT INTO PUZU)

Location: THE WELL IS LOCATED 58KM NW FROM HRDH GOSP-1, 0.47 KM N21E OF HRDH-1221& 0.656 KM S74E OF HRDH-2151.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,390	9 5/8	10765	10714	7	10,425	14,097	14,034

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15321	50.3 (12/08/2025@2100)	100	69	283	283

Formation Tops

Formations	Top Depth	Comments
BJDM	10,742	103 FT TVD SHALLOWER
SUDR	11,940	57 FT MD SHALLOWER.
SDDM	12,360	73 FT MD SHALLOWER
KFAR	12,810	95 FT MD SHALLOWER.
KFBR	12,930	58 FT MD SHALLOWER.
KFCC	13,400	67 FT MD SHALLOWER
KFCR	13,470	21 FT MD SHALLOWER
KFDA	13,700	47 FT MD SHALLOWER.
BKDC	14,287	7 FT MD DEEPER
UNZA	14,341	11 FT MD SHALLOWER
BUA1	14,393	4 FT MD DEEPER
BUZA	14,500	17 FT MD SHALLOWER
UNZB	14,606	19 FT MD SHALLOWER
UNZC	14,627	AS PROGRAM

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1500	10	0	5 7/8	N	DRLG	D	TDS	RIG	15321	15390			DRILL 5-7/8" DEVIATED HOLE SECTION USING SLB RSS/LWD WITH 101 PCF INNOVERT OBM & 100% RETURNS. OBSERVE PRESSURE SPIKE PICK UP CHECK OFF BTM PRESSURE FOUND TO BE NORMAL ATTEMPT TO GO TO BTM PRESSURE SPIKE AGAIN. DISSCUSSED WITH OFFICE DECIDE TO POOH TO CHANGE BIT. > FOLLOW SAUDI ARAMCO INTEGRATED HORIZONTAL DRILLING PRACTICES. > SPOT 40 BBLS SEALING PILL PRIOR EACH CONNECTION. > RECORD SURVEY EACH STAND 30 FT OFF BTM. > FOLLOW SEALING STRATEGY.
1500 - 1730	2.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	15390	15390			PUMP SWEEP CHC W/ 92 PCF OBM.
1730 - 1800	0.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	15390	15390			FLOW CHECK WELL STATIC.
1800 - 1900	1	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	15390	15390			PUMP AND SPOT 50 BBL SEALING PILL IN OPEN HOLE.
1900 - 2230	3.5	0	5 7/8	N	DRLG	TO	STDP	RIG	15390	15390	15390	14097	POOH W/ 5-7/8" ROTARY/MWD ASSYEMBLY ON DP ELEVATOR TO SHOE. @ 14,097'. > FLOW CHECK THE WELL AFTER PULLING OUT 5 STDS- STATIC. > MONITOR WELL ON TRIP TANK-OK. >SOFT BACK REAM TIGHT SPOTS @ 15,030', 14,760', 14650', 14,409' TILL PASS FREELY
2230 - 2300	0.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	15390	15390			FLOW CHECK AT 7" CSG SHOE WELL STATIC.
2300 - 0130	2.5	0	5 7/8	N	DRLG	RR	DWKS	RIG	15390	15390			HPJSM SLIP & CUT DRILLING LINE.
0130 - 0330	2	0	5 7/8	N	DRLG	TO	STDP	RIG	15390	15390	14097	10425	POOH W/ 5-7/8" ROTARY/MWD ASSYEMBLY ON 5-1/2" DP ELEVATORS IN CASED HOLE.
0330 - 0400	0.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	15390	15390			FLOW CHECK WELL STATIC.
0400 - 0459	1	0	5 7/8	N	DRLG	TO	STDP	RIG	15390	15390	10425	9245	POOH W/ 5-7/8" ROTARY/MWD ASSYEMBLY ON 5-1/2" DP ELEVATORS IN CASED HOLE.

Foreman Remarks

HRDH-2621 IS PLANNED AS AN MK-1 S SHAPE GAS PRODUCER WELL TARGETING UNYZ B/C AS PRIMARY TARGET. THE WELL WILL BE COMPLETED WITH 15K CEMENTED LINER EQUIPMENT.

==========ARAMCO PERSONNEL==========
ARAMCO ME FAHD M ALOSAIMI #821445 ON LOCATION 01/14/2026.
ARAMCO FCT MOHAMED AL BARQI# 790709 ON LOCATION 01/21/2026.
ARAMCO FDP JEHAD A. AL-AHMADI ON LOCATION 01/27/2026.

LIMITED MORNING REPORT

HRDH-2621 DEVELOPMENT DRILLING BI-60

11/24/2025 - 02/10/2026

========== WELL CONSTRUCTION ==========

==========HSE==========
TOPICS: PLANNED OPERATIONS AS PER GAME PLAN. SANAD & ARAMCO CAMPAIGNS. SANAD PROCEDURE TOPIC OF THE WEEK. TEN RULES TO LIVE BY. LIFE SAVING RULES. SANAD FLEET HSE EVENTS. HAND AND FINGER SAFETY CAMPAIGN. SWA BY CREW MEMBERS. SSE & MENTORING PROGRAM. HAZARD HUNTS. HSE ALERTS & LESSONS LEARNT.

DISCUSSED WITH BOTH CREW:
- ADC-48 (DURING RIG MOVE, IP SUSTAINED AN INJURY IN HIS PINKY FINGER WHILE OFFLOADING MAN RIDER WINCH).
- SND-2017 (DRILLER CLOSE PIPE RAMS ON FIBER OPTICS LINE BY MISTAKE DUE TO FALSE H2S ALARM).

HSE ALERTS:
- HSE ALERT 04-26 OPERATOR LIFTED BY WIRELINE CABLE.
- HSE ALERT 05-26 ROUSTABOUT LIFTED BY TAGLINE.

DRILLS: NONE

1ST QRT RHSEI: TOTAL ITEMS= 46, OPEN=1, CLOSED=45
1ST QRT WCEI: TOTAL ITEMS = 9, OPEN=0, CLOSED=9
GAP AUDIT (2025) - 93.51 %

==========
RENTAL TOOLS:
==========VISITS==========

==========
6/23/2025: LEO ONEWEB SYSTEM HAS BEEN INSTALLED AND TESTED SUCCESSFULLY BY PROVIDER.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	15,351	0.92	36.54	94	15,279	-122.21	214.83	810.89	3.16

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	64	684 Volts	5.77	0	33,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	1HTHP	13	15	0	8 / 11	DELTADR	1.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
66	0	40	23	7 / 8	0	0	5.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	1	0API	64	705 Volts	5.77	0	33,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
117	1.2HTHP	13	16	0	8 / 11	DELTADR	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	40	23	7 / 8	0	0	2.8

MUD TREATMENT

MRBL-M	CACO3-50	BARITE	DELTA-VERT -ST	DELTA-SEAL	DELTA MUL AR	DELTA FL-HT
3 (2200L)	24 (50LB)	2 (5000L)	3 (55GL)	5 (25LB)	3 (55GL)	5 (50LB)
CAOH2	**LCLUBEFINE**	**STELSEALFN**	**BARACRB150**			
16 (50LB)	15 (50LB)	24 (50LB)	24 (50LB)			

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
8	14,100	15,390	DP Av	DC Av	Bit HHP	17	90	M333	5.875	SMT
Pressure	**GPM**	**Jet Vel**	330.94	512.63	68	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,600	250	207				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA01811	R613C	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	143	385	390	380	7,000		12
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	31.5	5,895.49	5 1/2 FH	5 1/2 FH	24.7	84,370.29	S135	PREM	
15	Drillpipe	RIG	4	153	4	3.476	4,658	5,863.99	XT39	XT39	11.85	83,592.24	G105	PREM	
14	Heavy Weight Drillpipe (HWDP)	RIG	4	9	4	3.34	272.25	1,205.99	XT39	XT39	14	28,394.94		CONV	
13	Crossover	RIG	4.75	1	4.75	2.25	2.7	933.74	NC38	XT39	28	24,583.44			805814
12	Drillcollar	RIG	4.75	2	4.75	2.25	61.2	931.04	NC38	NC38	28	24,507.84		SPRL	
11	Hydro-Mechanical Jar	OJR	4.75	1	4.75		31.48	869.84			0	22,794.24			475-0016
10	Drillcollar	RIG	4.75	24	4.75	2.25	744.63	838.36	NC38	NC38	28	22,794.24		SPRL	
9	PBL (Multiple Activation By	CRW	5	1			20.57	93.73			0	1,944.6			0

Username: YUAYANAL
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LIMITED MORNING REPORT

HRDH-2621 DEVELOPMENT DRILLING BI-60

11/24/2025 - 02/10/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
	Pass)														
8	String Reamer	RIG	5.875	1	5.875	1.5	5.28	73.16	NC38	NC38	28	1,944.6			XM3468
7	Filter Sub	SDM	4.75	1	4.75	2.375	6.01	67.88	3 1/2 REG	NC38	28	1,796.76			66693
6	Non Magnetic Drill Collar (NMDC)	SDM	4.75	1	4.75	2.375	6.69	61.87	NC38	NC38	28	1,628.48		SLCK	V133612487998
5	UBHO Sub	SDM	4.75	1	4.75	3	31.15	55.18	3 1/2 FH	NC38	28	1,441.16			0
4	String Reamer	RIG	5.875	1	5.875	1.25	5.28	24.03	NC38	NC38	28	568.96			XM3304
3	Pony Collar	RIG	4.75	1			15.04	18.75			28	421.12			5001061115
2	Near Bit Stab.	RIG	5.875	1	4.75	2.25	3.04	3.71	NC38	3 1/2 REG	0	0			0
1	Bit	SMT	5.875	1	5.875		0.67	0.67	3 1/2 reg			0			SA01811

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	N/A	NORMAL	N/A	SEASONAL	3,625	EACH TOUR DAILY

PERSONNEL AND SERVICES INFORMATION

Company	SBT	GOS	RIG	BDF	OES	MJH	SDM	HMS	RIG	ARM	ARM
Category	BITS	CTRG	RIG	DFMS	DFMS	SEC	LWD	MLS	OTHR	OTHR	WSC
No. of Persons	1	16	43	1	1	8	2	4	9	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	0	24	24	0	12	24

Total
88

TRUCKS/BOATS

Standby/Tankers
b-818

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	571	N/A	N/A	1000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

FYDH-80 EXPLORATION DRILLING BI-1514

05/21/2025 - 02/21/2026

SND-2007 @ FYDH-80 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2007
Well: FYDH-80
Wellbores: (0) FYDH_80_0

Charge #: (85-24584-4251)
Wellbores: (0) FYDH_80_0

Objective : (FYDH-80 IS VERTICAL EXPLORATORY WELL, WITH A CONTINGENT HORIZONTAL LATERAL IN FYDH STRUCTURE)

Foreman(s) RUSSELL, CORY / SEDDIK, ALI SOBHY / CEDENO, JESUS MANUEL
Engineer ZHANG, HUA
Manager GARNI, HUSAM MANSOUR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 074	013-577-61 34	013-577-61 32

CONTRACTOR /CLERK VSA T: 013-577-61 33

Last 24 hr operations
START FLY MIX LEAD SLURRY, PUMP 3 BBLS, FOUND MIXING BINS BECAME FULL OF DRY CMT& W/LARGE PIECES OF DRY CEMENT FLOATING & SETTLED, STOP CMT JOB AND KEEP CIRC

Next 24 hr plan
KEEP CIRCULATING WITH LOW FLOW RATE WHILE PREPARE THE NEW CHEMICALS AND CEMENT FOR REPEATING THE LOWER COMPLETION 4.5" CEMENT JOB.

Location
120 KM ON HARDAH-YABREEN ROAD THEN TURN RIHGT AND FOLLOW SIGN BOARD 190 KM SKID ROAD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
19,843	9 5/8	12421	12421				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
19843	228.5 (06/11/2025@0900)	100	0	517	585

Formation Tops

Formations	Top Depth	Comments
UNZA	12,400	13 FT DEEP
UNZC	12,579	20 FT DEEP
JUBH	12,799	37' SHALLOW
JAUF	12,971	28' SHALLOW
TWLF	13,277	44' SHALLOW
SHRR	14,142	84' DEEP
QUSB	15,319	36' DEEP
MQSB	16,146	54' DEEP
QBHS	18,187	359' DEEP
SARH	18,208	360' DEEP

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0600	1	0	EOW	C	CSG	CMC	LINR	HCM	19843	19843					HALLIBURTON PUMP AND PERFORM CMT JOB AS FOLLOWING: - PUMP 100 BBLS HALL TUNED SPACER 112 PCF. - PUMP 3 BBLS 118 PCF FLY MIXED CMT. DURING FLY MIX FOUND MIXING BINS BECAME FULL OF DRY CEMENT AND WITH LARGE PIECES OF DRY CEMENT FLOATING AND SOME SETTLED THEN STICKING TOGETHER IN MIXING TANK, OBSERVED ISSUE WITH FLY MIXING CEMENT, - SWITCH PUMPERS AND OBSERVE SAME ISSUE. DECIDE NOT TO CONTINUE.
0600 - 1000	4	0	EOW	C	CSG	CIRC	MPMP	RIG	19843	19843			JF	965603	DISPLACE OUT 3 BBL CEMENT FROM WELL, DUMP CONTAMINATED SPACER AND TRACES OF CEMENT TOTAL DUMPED 150 BBLS. - OFFLINE FLUSH ALL SURFACE LINES WITH WATER. HALLIBURTON CLEAN AND FLUSH ALL EQUIPMENT, DUMP TAIL SLURRY FROM BATCH MIXERS.
1000 - 0459	19	0	EOW	C	CSG	CIRC	MPMP	RIG	19843	19843			JF	965603	CIRCULATIE AT REDUCED RATE WHILE PREPARE NEW CHEMICALS AND EQUIPMENT TO COMPLETE LOWER COMPLETION CEMENT JOB.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 0600	23	23	965603		JF	CEDE	NA	HCM	19843	4-1/2" LINER CEMENTING JOB WAS ABANDONED DUE TO HALLIBURTON LEAD SLURRY MIXABILITY ISSUE. HALLIBURTON STARTED TO FLY MIX THE LEAD SLURRY, CHANGED TO BACK UP CEMENT UNIT, AFTER PUMPED 3 BBL OF LEAD SLURRY, HAD SAME PROBLEM OF DIFFICULTY ON MIXING. DECIDED TO ABANDON THE CEMENTING JOB

Foreman Remarks

- FYDH-80 IS VERTICAL EXPLORATORY WELL, WITH A CONTINGENT HORIZONTAL LATERAL. IT IS DESIGNED AS A VERTICAL WELL WITH TD AT 19,700 FT MD/TVD (1,456 FT INTO SAQ). THE PRIMARY TARGETS ARE SARAH AND SAQ FORMATIONS, SECONDARY TARGETS ARE MID-QUSAIBA SAND, QUSAIBA HOT SHALE, SHARAWRA MEMBER, TAWIL FORMATION, JAUF FORMATION, UNAYZAH C AND UNAYZAH A RESERVOIRS. IF DECIDE, THE WELL WILL BE SIDETRACKED AND DRILLED 3,000 FT LATERAL IN SARAH TO WELL TD AT 21,423 FT MD/ 17,944 FT TVD.
RIG LOCATION DIRECTIONS & JOURNEY MANAGEMENT====
- SURFACE COORDINATE: N-2437299.77, E-209700.08.
- JOURNEY MANAGEMENT:
- DRIVE TO HARADH THEN CONTINUE 120 KM ON YABREEN ROAD, THEN TURN RIGHT 182 KM SKID ROAD, FOLLOW SIGN BOARD.
- CALL SND-2007 MEDIC AT 013-804-9651 OR ARAMCO OFFICE AT 013-577-6134/013-577-6133 PRIOR TO TURNING OFF MAIN BLACKTOP ROAD (YABREEN ROAD). - PROVIDE MEDIC/CLERK - NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
RIG HAS TWO 500M REMOTE EMERGENCY AIRSTRIPS 500M NORTH OF LOCATION.
1=22DEG 01' 24.35" N, 48DEG 11' 36.03"E 2=22DEG 01' 22.99" N, 48DEG 11' 5.96"E.

LIMITED MORNING REPORT

FYDH-80 EXPLORATION DRILLING BI-1514

05/21/2025 - 02/21/2026

===NEAREST HOSPITAL==========
- ARAMCO CLINIC IN HRDH M.O.C 307 KM, PHONE # 013-584-9009.
- JHAH ARAMCO CLINIC - UDHAILYA 438 KM,PHONE # 013-577-7883/ 013-577-7799
NOTE: DOCTOR ON SITE AT ALL TIMES AND CLINIC IS UPGRADED TO LEVEL B FOR TYPE OF MEDICINAL SUPPLIES.

===SAFETY DATA===========
- DISCUSSED IN TODAY'S PRE-TOUR: LINE OF FIRE HAZRDS; SWA; BUFFER ZONE PERMITS, SIGN IN AND SIGN OUT; CONTROL MEASURES; JSA TO BE RIG AND TASK SPECIFIC; DISCUSSED WITH ALL INVOLVED PERSONNEL AND MAKE SURE FULL UNDERSTANDING; LANGUAGE BARRIERS; FLOORHANDS FEEDBACK: REMOVE DIRTY GLOVES BEFORE USING HANDRAILS; REMOVE KNOT ON TAGLINES TO AVOID ENTANGLEMENT.

- LTI FREE DAYS: 2688.
- SOC: 27, PTW: 12, REVIEWED JSA:12, REVISED JSA:0, INDUCTION:00, DRILLS: 0.
- SWAD:0, NEAR MISS: 0, INCIDENT:0, SWA :03, HAZARD HUNT:01, STAR: 0.
-IN-HOUSE AUDIT 31-AUG-2023 & 22-NOV-2024 2 (1-P2, 1-P3)
-IN-HOUSE AUDIT MARCH-2025 & APRIL-2025: , OPEN: 3 (3-P2) .
-IN-HOUSE AUDIT AUGUST 2025: TOTAL FINDINGS: 95, CLOSED: 91, OPEN 04 (4-P2).
-IN-HOUSE AUDIT DECEMBER 2025: TOTAL FINDINGS: 101, CLOSED: 87, OPEN 14 (5-P2, 9-P3).
-IN-HOUSE AUDIT DECEMBER 2026:TOTAL FINDINGS: 70, CLOSED: 40,OPEN 30 (17-P2, 13-P3)
-RHSEI 2025: TOTAL FINDINGS: 64, CLOSED: 64, OPEN: 00.
===ARAMCO PERSONNEL===========

- RIG CLERK ABDUL REHMAN ALI LIAQAT, BADGE # 8157053, ON LOCATION SINCE 12/1/2025.

===RENTAL TOOLS ==========

- 6.5" NOV HMJ S.N: HMJ474-651604 ON LOCATION ON 12/30/25 @12:30. P/U#1 JAR ON 12/31/2025 @ 21:00 & L/D#1 JAR ON 1/02/2026 @ 18:00. P/U#2 JAR ON 01/06/26 @19:15 & L/D#2 JAR ON 1/08/2026 @ 09:30. P/U#3 JAR ON 01/15/26 @ 07:15. L/D#3 JAR 01/17/26 @ 04:30 AM, P/U#4 JAR 01/22/26 @ 23:45 AM& L/D#4 @14:00 PM ON 1/24/26.
===WELLSITE RENTAL EQUIPMENT========
1 X RAC SPRAY WATER TANKER , DOOR #341. ON LOCATION UNDER DRSS# 3000336511.
1 X RAC DUMP TRUCK , DOOR #LXA-1730. ON LOCATION UNDER DRSS# 3000336518.
4 EA ROBUA ALSMAN TANKERS HAULING WASTE WATER, PLATE # 2853-ZXA,2564-NXA ,5957-EXA, 2852-ZXA UNDER DRSS# 3000370500.
2 EA ROBUA ALSMAN TANKERS HAULING WASTE WATER, PLATE # 6215-EXA, 5959-EXA, UNDER DRSS# 300030510.

===RIG PERSONNEL ==========
- RIG SHORTAGE: NONE.
===WATER WELL ==========
- WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY URPED SERVICES FOR FYDH-803 AND FYDH-804
===WELL DESIGN ==========
36" CASING @136'.
30" CSG @ 746'.
24" CSG @ 2,227'.
18-5/8" CSG @ 6,627'
13-3/8" CSG @ 10,085'.
9-5/8" CSG @ 12,421'.
8-3/8'' WELL TD @ 19,843'.

===NEXT WELL DATA==========
MHWZ-920122: (24.518065 48.275696) READINESS= 100% READY.JUST NEED LINERS INSTALLED , NEED TO COMPLETE ROAD SURVEY
WW-MHWZ-814 / 802

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	1	0API	58.5	868 Volts	5.14	0	243,322
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
136	2.4HTHP	13.5	15	0	9 / 15	RELIANT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
63	0	44	28	7 / 8	0	0	2.6

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
106 PCF	1	0API	58.5	870 Volts	5.14	0	243,322
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
134	2.4HTHP	13.5	14	0	9 / 14	RELIANT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	44	28	7 / 8	0	0	2.6

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	01/17/2026	NORMAL	N/A	SEASONAL	2,689	2X DAILY SAFETY MEETING

PERSONNEL AND SERVICES INFORMATION

Company	RAC	TUB	ITS	GOS	RIG	SMI	MJH	MIF	BLH	XLG	RIG	ARM	HCM	MI2	OTH	WSC	ARM	SAM	Total
Category	WMFE	ISPCT	CSR	CTRG	RIG	DFMS	SEC	FILT	LHES	MLS	OTHR	OTHR	PCS	SCS	VAC	WTERLNE	WSC	WBCS	114

LIMITED MORNING REPORT

FYDH-80 EXPLORATION DRILLING BI-1514

05/21/2025 - 02/21/2026

	No. of Persons	2	5	3	16	39	2	4	1	2	2	20	2	6	1	1	3	3	2
	Personnel on Loc. Hrs.	24	12	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	0	0	0	24	24	0	24	24	24	24	24	24	24	24	24	24	0

TRUCKS/BOATS	Standby/Tankers	dh-2398

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	2000	500	723	157	27	2300

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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Print Date: 01/28/2026 06:48
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LIMITED MORNING REPORT

HRDH-2140 WORKOVER-1 BI-60

12/30/2025 - 02/01/2026

أرامكو السعودية
saudi aramco

SND-2008 @ HRDH-2140 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-2008 Well HRDH-2140 Wellbores: (0-1) HRDH_2140_1	Charge #: (72-25058-2140) Wellbores: (0-1) HRDH_2140_1	Objective : (K | REPLACE TUBING: REPLACE DAMAGED TUBING IN PRODUCTION/OBSERVATION WELLS)	Foreman(s) ADEBISI, KAYODE ADEKUNLE / ALMARRI, SAUD MUTAB Engineer SIREGAR, VERDY LUNARDIANSYAH Manager ALDOSARI, ABDULRAHMAN MUTLAQ THURAYA +882167771 2318 | RIG FORMAN VSAT 013-577963 7 | CONTRACTOR /CLERK VSAT 013-577969 9

Last 24 hr operations	Next 24 hr plan
CONT RE-CONFIGURE BOP FOR 4-1/2" TBG, P/T. P/U, M/U & RIH HALL 7" THT PKR/PBR ON 4-1/2" CS TBG.	CONT RIH HALL 7" THT UPPER COMPLETION ON 4 1/2" CS TBG, REV CIRC, STING-IN & TAG BTM, SET 7" THT PKR, SHEAR PBR, P/T TBG & TCA, SPACE OUT, M/U TBG HGR.

Location	Next Location
279 KM F/DH MG, 160 KM F/UDH, TR AFTER HRDH GAS STATION, TL ON YABRIN HGWY FOR 19 KM & 9 KM SKID RD	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,600	9 5/8	11308	11261	4 1/2	11,430	17,317	11,946

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11600	19.8 (01/08/2026@1045)	100	0	279	279

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0-1	EOW	C	WH	OTH	NA	RIG	17320	17320			HPJSM. RIH WITH 15 STANDS OF 5" DP & SECURE WELL ON 5" LOWER MASTER RAM.
0630 - 0930	3	0-1	EOW	C	BOP	BOP	RAMS	RIG	17320	17320			HPJSM, RE-CONFIGURE BOP'S FOR UPPER COMPLETION, CHANGED TOP & MIDDLE RAMS TO 4-1/2" TBG RAMS.
0930 - 1030	1	0-1	EOW	C	BOP	OTH	BOP	RIG	17320	17320			M/UP 11" CIW TEST PLUG AND LAND INTO WELLHEAD. M/UP TEST ASSY. - FLUSH BOP WITH WATER.
1030 - 1230	2	0-1	EOW	C	BOP	BOPT	RAMS	RIG	17320	17320			PRESSURE TEST NEW RAM ON 11" 10M CLASS 'A' BOP AS PER ARAMCO STANDARDS. - P/TEST 4-1/2" RAMS TO 10,000 PSI 10/10 MIN.
1230 - 1430	2	0-1	EOW	C	BOP	OTH	BOP	RIG	17320	17320			MU 11" CIW TEST PLUG AND LAND INTO WELLHEAD. M/UP TEST ASSY. - FLUSH BOP WITH WATER.
1430 - 1700	2.5	0-1	EOW	C	BOP	OTH	BOP	RIG	17320	17320			LD TEST ASSY AND 11" CIW TEST PLUG. POOH & LD 45 JTS X 5" DP IN SINGLES.
1700 - 1800	1	0-1	EOW	C	COMP	HT	PEL	WCR	17320	17320			HPJSM. R/U WFD 4-1/2" TBG RUNNING EQUIPMENT AND JAM UNIT. - TEST POWER TONG JAM UNIT WITH 4-1/2" PUP JOINT - OK.
1800 - 2000	2	0-1	EOW	C	COMP	HT	PKR	HCO	17320	17320			M/U HALLIBURTON UPPER COMPLETION ASSY. - CUT MULE SHOE, R-NIPPLE, 7" 10K THT PROD PACKER + PBR + 1 X 4-1/2" 13.5 # VAM-95HC PUP J + XO. - DRIFT COMPLETION ASSY W/ 3.650" FLOATING DRIFT - OK.
2000 - 0459	9	0-1	EOW	C	COMP	RPCS	UPCOM	WCR	17320	17320	155	6170	RIH WITH HALLIBURTON COMPLETION ON 4-1/2" 13.5# TN-95HS TSH-3SB AS PER TALLY. ONGOING. - TOTAL 148/277 JOINTS - RUNNING SPEED 1 MIN PER JOINT. - DRIFT COMPLETION STRING W/ 3.795" FLOAT DRIFT.

Workover Objectives

Foreman Remarks

==========ERP==========
>> 30 PPM RER: 258 M; 100 PPM RER: 99 M; 1/2 LFL: 99 M.
>> STAGING AREA #A 524 M NE.
>> STAGING AREA #B 518 M NW.
==========SAFETY & DRILLS==========
>> DRILLS: 1 PIT DRILL.
>> ARAMCO SLS OBSERVATION SOC: 5.
>> NEAR MISS: 1; MTD TOTAL : 4.
>> SWA: 2.
>> DISCUSSED: HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
>> LSR: WORK PERMIT.
==========ARAMCO PERSONNEL ON LOCATION==========
>> MATERIAL EXPEDITOR, AHMED AL-OTAIBI, ON LOCATION.
==========THIRD PARTY PERSONNEL & EQUIPMENT==========
>> OES MUD ENGR ON LOCATION.
>> SAMAA ENGR & TOOLS ON LOCATION 01/24/2026 0100 HRS.
>> WFD CREW & EQUIPMENT ON LOCATION 1/26/2026.
>> D2 OIL TOOLS FLOATING DRIFT ENGR & TOOLS ON LOCATION 1/26/2026
>> HALL COMPLETION ENGR ON LOCATION 1/26/2026.
>> TUBESTAR TBG INSPECTION CREW & EQPT ON LOCATION 1/26/2026.
>> CAMERON WHE ON LOCATION 1/27/2026.
>> TFMC WHE ON LOCATION 1/27/2026.
>> TAQA CREW & PUMP UNIT ON LOCATION 1/27/2026.

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
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HRDH-2140 WORKOVER-1 BI-60

12/30/2025 - 02/01/2026

========== RIG VISIT==========
>> SANAD OPERATION SUPERINTENDENT, MATIAS CANTU, ON THE RIG ON 01/04/2026.
==========CLOSED LOOP SYSTEM ==========
>> IMPLEMENTING CLOSED LOOP SYSTEM BY USING 3-SIDE BIN ONLY.
>> WATER PIT NOT IN USE "DRY".
>> USING CMT WITH PLASTIC LINER.
>> PITLESS LOCATION GUIDELINE: (Y).
==========MISC==========
>> TODAY CREW SHORTAGE: 0 ROUSTABOUT & 0 FLOOR HANDS.
========== ==========NEXT WELLS==========
>> 1ST NEXT WELL: SAHB-3, PRE-KHUFF REENTRY (TWO HOLE SIZE), PRE-WO MEETING DONE, STRIP OUT NOT REQUIRED, LOCATION PREPARATION 100%. WOCP NOT INITIATED.
>> 2ND NEXT WELL: SAHB-4, NDE, TUBING REPLACEMENT, PRE-WORKOVER MEETING DONE, STRIP OUT 0%. LOCATION 0%, WOCP RUNNING.
>> 3RD NEXT WELL: HRDH-1215, KHUFF REENTRY (TWO HOLE SIZE), PRE-WO MEETING DONE, STRIP OUT 100%, LOCATION PREPARATION 0%. WOCP NOT INITIATED.
==========REMARKS==========
>> ODF= - 2.0

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	17,320	90.2	175	-1,280	11,946	-1841.67	207.49	6,080.45	0.08

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
90 PCF	0	0API	0	0 Volts	0	9	218,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	85	0	0	0 / 0	CACLBR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	0	15	0 / 0	0	280	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
90 PCF	0	0API	0	0 Volts	0	9	218,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	85	0	0	0 / 0	CACLBR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
26	0	0	15	0 / 0	0	280	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	YES	N/A	N/A	N/A	3,193	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SA7	CAM	FME	EX1	WCR	GOS	HCO	RIG	OES	MJH	RIG	ARM	ARM
Category	DRIFT	WHES	WHES	SLS	CSR	CTRG	PSSC	RIG	DFMS	SEC	OTHR	OTHR	WSC
No. of Persons	1	2	1	4	4	17	1	42	1	8	12	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	2	6	0	24	0	24	24	12	0	12	12	24

Total
96

TRUCKS/BOATS

Standby/Tankers
F095 /3311SEB

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	715	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

WDYH-15 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/15/2026

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SND-2009 @ WDYH-15 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-2009 Well WDYH-15 Wellbores: (0) WDYH_15_0	Charge #: (66-22094-0015) Wellbores: (0) WDYH_15_0	Objective : (MK-1 VERTICAL IN THE NORTH OF WUDAIHY FIELD TO A TOTAL DEPTH OF 14,805 FT (200 FT INTO PUZU))	Foreman(s) ABU ELEWA, REDA MOHAMED / BENABDERRAHMANE, YOUCEF Engineer OMAR, MAHMOUD MOHAMED KAMAL TAHA Manager MOUSA, NEDAL ADEL THURAYA 00 88 216 7771 2296 | RIG FORMAN VSAT 577 9645 | OTHER VSAT 577 9640 CONTRACTOR /CLERK VSA T 577 9662

Last 24 hr operations	Next 24 hr plan
RIH 16" ROTARY DRLG ASSY, C/O SHOE TRACK. ROTARY DRLG 16" HOLE.	ROTARY DRLG 16" HOLE TOWARD SECTION TD @ +/- 4,235 FT, CHC, POOH TO SURFACE.

Location	Next Location
WDYH-15 LOCATED 1.478 KM N63E OF WDYH-570900 & 1.643 KM N OF WDYH-570800.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
1,600	18 5/8	1553	1553				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
1554	11.4 (01/16/2026@1900)	100	46	307	388

Formation Tops

Formations	Top Depth	Comments
ARUM	710	37 FT SHALLOW
LAMS	1,030	4 FT SHALLOW

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	22	N	BOP	BOPT	BOP	RIG	1554	1554			CONT. P/T 26 3/4" 3M CLASS "A" BOP'S AND RELATED EQUIPMENT AS PER ARAMCO PROCEDURES. P/T ALL RAMS/LINES/VLV"S/TOP DRIVE IBOP TO 300/3,000 PSI AND P/T HYDRILL TO 300/1,400 PSI, 10 MINS EACH TEST. > PERFORM ACCUMULATOR DRILL.
0630 - 0800	1.5	0	22	N	BOP	OTH	BOP	RIG	1554	1554			L/D TEST PLUG ASSY, L/D 9 JTS HWDP
0800 - 0900	1	0	22	N	WH	SET	WBSH	RIG	1554	1554			INSTALL WEAR BUSHING AS PER CIW SERVICE HAND.
0900 - 0930	0.5	0	22	N	DRLG	RR	TDS	RIG	1554	1554			RIG SERVICE.
0930 - 1700	7.5	0	22	N	DRLG	HT	BHA	RIG	1554	1554			HPJSM, P/U AND M/U REFRIBISHED 16" PDC ULTERRA BIT (TYPE: RPS716S, SN: 70660R) WITH16" ROTARY DRLG ASSY, RIH TO 1,215 FT. > P/U : 16 BIT, 16" NBRR, 1 X 9-1/2" DC, 16" STRR, 1 X 9 1/2" DC, 16" STRR, 9 X 9/2" DC, 9 1/2" NOV JAR, 3 X 9 1/2" DC, XO, 6 X 8 1/2" DC, XO, 9 X 6 5/8" HWDP, XO, 9 X 5 1/2" HWDP. > P/U 9 1/2" OILSERV JAR @ 12:30 HR'S.
1700 - 1900	2	0	22	N	DRLG	RR	TDS	RIG	1554	1554			HPJSM. SLIP & CUT DRLG LINES, SET RIG FLOOR AND CROWN SAVERS.
1900 - 2000	1	0	22	N	DRLG	RW	BIT	RIG	1554	1554	1215	1436	WASH DOWN & TAG TOC @1,436 FT.
2000 - 0230	6.5	0	22	N	DRLG	DFS	TDS	RIG	1554	1554	1436	1554	CLEAN OUT CEMENT, PLUGS, F/C @ 1,471', CEMENT, F/S @1,553' & RAT HOLE TO 1,554' WITH WATER & GEL SWEEPS. > LOW ROP OBSERVED WHILE D/O PLUGS & F.C, TRIED W/DIFFERENT PARAMETERS TO OPTIMIZE ROP.
0230 - 0400	1.5	0	22	N	DRLG	CIRC	MPMP	RIG	1554	1554			SWEEP HOLE WITH 50 BBLS HVP & DISPLACE HOLE TO 67 PCF PHPA MUD.
0400 - 0459	1	0	16	N	DRLG	D	TDS	RIG	1554	1600			PROFILE THE BIT, ROTARY DRLG 16" HOLE WITH 67 PCF PHPA MUD, 100 % CIRC. > CONTROL DRLG PARAMETERS TILL ALL REAMERS OUT OF CSG SHOE. > SWEEP HOLE WITH HI-VIS AS REQUIRED. > BACK REAM/REAM DOWN EACH STAND DRILLED. > LOAD SYSTEM WITH LCM AS PER PROGRAM. > FOLLOW TOP SECTION TWIST OFF AVOIDANCE RECOMANDATION.

Foreman Remarks

WDYH-15 WILL BE DRILLED AS AN EVALUATION DELINEATION, VERTICAL MK-1 IN THE NORTH OF WUDAIHY FIELD TO A TOTAL DEPTH OF 14,805 FT MD / 14,805 FT TVD (200 FT INTO PUZU) TO EVALUATE THE UNZA AND UNZC RESERVOIRS.

========== ==========ERP ==========
> STAGING AREA #1: N: 24.06952 -E:48.37945 - (900 M F/ WELL CENTER /E).
> STAGING AREA #2: N: 24.06107 -E: 48.37951- (1.3 KM F/ WELL CENTER/ ESE).

========== ARAMCO POB & VISITORS ==========
> ARAMCO RIG FOREMAN: EL HADDI BOUHADDA ID# 177575 ON LOCATION SINCE 1/6/26.
> ARAMCO CLERK MOHAMMED AL-SALEM ID# 7218148 ON LOCATION SINCE 1/21/26.
> ARAMCO CLERK ALI ISMAIL ID# 7314033 ON LOCATION SINCE 1/21/26.
> ARAMCO MATERIAL CONTROLMAN I: HUSSAIN MESHAAL ID#765537 ON LOCATION 1/23/26.
> ARAMCO FCT NASSER ALSUWAYIGH ID#791152 ON LOCATION SINCE 01/27/26.
> ARAMCO FOREMAN: ESSA ALHASHEM # 780880 ON LOCATION 1/27/26.
> ARAMCO PDP ABDULLAH OMAR ALMULHIM #813782 ON LOCATION SINCE 1/27/26.

========= SAFETY, DRILLS, INCD. & ALERTS =======

LIMITED MORNING REPORT

WDYH-15 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/15/2026

> DRILLS: 0 PIT DRILL, 0 TRIP DRILL & 0 BOP DRILL, 1 H2S DRILL, 1 ACCUMULATOR, 0 FIRE DRILL,0 SWA DRILL,0 WEEKLY FIRE PUMP TEST, 0 VERTICAL RESCUE DRILL.
> OBSERVATIONS: 15, PTW: 14, JSA: 18, SWA: 4, HAZARD HUNT: 4.
> NEAR MISS: NO.
> SAFETY MEETING TOPICS: DAILY HAZARD HUNT FINDINGS & SOC FROM PREVIOUS DAY REVIEWED.
> PROCEDURE TOPIC OF THE WEEK #4 (25 TO 31 JAN 2026): JOURNEY MANAGEMENT AND ROAD SAFETY.
> OPERATIONS / HSE ALERT: ANKLE INJURY WHILE RIH.
> WEEKLY FOCUS AREAS AUDIT CHECKLIST: SHORT SERVICE EMPLOYEE PROGRAM (SSE).
> SND-HSE-F000210 RULES TO LIVE BY: 9TH PROTECT YOURSELF AGAINST A FALL WHEN WORKING AT HEIGHT.
> ARAMCO LIFE SAVING RULES: 1 WORK PERMIT - OBTAIN VALID WORK PERMIT WHEN REQUIRED.
> PROFESSIONAL OILFIELD FRACTICES: DO.28 EACH TOUR, VERIFY THE SETTING OF ALL VALVES IN THE WELL CONTROL SYSTEM. THIS IS TO DETERMINE THAT THE VALVES ARE OPEN OR CLOSED IN ACCORDANCE WITH THE AGREED MANAGEMENT PLAN (APPROVED ENGINEERING DRAWING) FOR WELL CONTROL.
> REVIEWED WITH CREW: STOP WORK AUTHORITY (SWA) AWARENESS.
> REVIEWED WITH CREW: D&WOO HAND AND FINGER SAFETY CAMPAIGN | WEEK 22.
> NEW PROCEDURES / DOCUMENTS REVIEW:
- DS&L-001-2026-MANDATORY REQUIREMENT FOR RIG SITE ACCESS
- SAO&GDD 003-2026 - AUTHORITY TO STOP UNSAFE WORK
- SAO&GDD 004-2026 - SAFETY IS OUR NUMBER ONE PRIORITY

> HSE ALERT:
> HSE ALERT 08-26ROUSTABOUT ANKLE TWISTED.
> HSE ALERT 09-26TRUCK ROLLOVER.
> HSE ALERT 10-26FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

=======AUDITS==========
> 1ST RHSEI - 2025: TOTAL ITEMS: 35, OPEN: 0, CLOSED: 34.
> 1ST WCI - 2025 : TOTAL ITEMS: 11, OPEN: 0, CLOSED: 11.
> 3RD 3MCI-2025: TOTAL ITEMS: 56, OPEN: 0, CLOSED: 56.
> HSEGA-2025: 91.5 %.
> 4TH 3MCI - 2025: TOTAL ITEMS: 50, OPEN: 1, CLOSED: 49.

========== PERSONNEL SHORTAGE & SAUDISATION =====
> SND CREW SHORTAGE: NO.
> SAUDIZATION: 65%.

========== FLAT TIME KPI ============================
> RIG MOVE KPI: 9.66 DAYS, ACTUAL: *** DAYS.
> TRIPPING KPI: 19 STD/HR.
> 24" CSG KPI: 4 JT/HR / ACTUAL: ** JT/HR.
> 18-5/8" CSG KPI: 7 JT/HR / ACTUAL: ** JT/HR.
> 13-3/8" CSG KPI: 11.5 JT/HR / ACTUAL: ** JT/HR.
> 9-5/8" CSG KPI: 14 JT/HR / ACTUAL: ** JT/HR.
> 7" LINER KPI: 14 JT/HR / ACTUAL: ** JT/HR.
> 4-1/2 LINER KPI: 13 JT/HR / ** ACTUAL:
> 4-1/2" UPPER COMPLETION KPI: 13.5 JT/HR / ACTUAL: ** JT/HR

========== WELLSITE CONTRACTOR EQUIPMENT ON LOCATION & RENTAL EQUIPMENT ========
> 1 SPRAY TANKER ON LOCATION SINCE 10/01/2025.
> 1 LOADER + 1 DRIVER FOR SKID ROAD MAINTENANCE ON LOCATION SINCE 01/18/2026.
> RECEIVED OIL-SERV 9 1/2" HM JAR SN: HMJ-950-0023 ON 1/26/26.
========================= NEXT WELL ===================================

==

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	5API	0	0 Volts	5.27	9.5	1,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	95	28	0	13 / 19	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
78	1	20	5	14 / 18	10	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	4API	0	0 Volts	5.27	9.5	1,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	95	29	0	14 / 21	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
82	1	20	5	13 / 15	10	200	0

MUD TREATMENT

BCTRN	CAUST	BENT	SODASH	HYSTAR-P	DUOVIS-NS	NEWDRLPLUS
5 (5GLD)	6 (50LBP)	8 (2500L)	9 (50LB)	216 (55LB)	20 (55LB)	20 (50LB)
MRBL-M	**ARC-FIBER-F**	**ARC-FIBER-M**	**BAROFIBER**	**FLC2000**	**MICA-FINE**	**WELL-SEAL M**
6 (2200L)	256 (55LB)	256 (55LB)	256 (50LB)	30 (55LB)	160 (55LB)	80 (55LB)
CITRICACID						
5 (50KG)						

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4RR	1,554	1,600	DP Av	DC Av	Bit HHP	20	70	S423	16	ULTR

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LIMITED MORNING REPORT

WDYH-15 DEVELOPMENT DRILLING BI-60

01/06/2026 - 03/15/2026

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Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
1,000	800	198	86.86	118.3	147	N/A	N/A	N/A	N/A	N/A

Serial Numi	Type	Jets	TFA
70660	RPS716S	10 x 13 /	1.296

Gauge	Other	POOH Reas
N/A		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	196	196	196	6,500		0

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	30	1,244.18	XT54	XT54	24.7	168,046.24	XD105	PREM	
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	272.16	1,214.18	XT54	XT54	52	167,305.24		CONV	TALLY
14	Crossover	RIG	8	1	8	2.875	2.82	942.02	XT54	6 5/8 FH	56	153,152.92			22821346A
13	Heavy Weight Drillpipe (HWDP)	RIG	6.625	9	6.625	4.5	276	939.2	6 5/8 FH	6 5/8 FH	70.8	152,995		CONV	TALLY
12	Crossover	RIG	8.5	1	8.5	2.813	2	663.2	6 5/8 FH	6 5/8 REG	156	133,454.2			20012
11	Drillcollar	RIG	8.5	6	8.5	3	181.3	661.2	6 5/8 REG	6 5/8 REG	156	133,142.2		SPRL	TALLY
10	Crossover	RIG	9.5	1	9.5	2.813	2.1	479.9	6 5/8 REG	7 5/8 REG	216	104,859.4			2009-11
9	Drillcollar	RIG	9.5	3	9.5	2.813	90.11	477.8	7 5/8 REG	7 5/8 REG	220	104,405.8		SPRL	TALLY
8	Hydro-Mechanical Jar	OJR	9.5	1	9.5		33.32	387.69			220	84,581.6			HMJ-950-0023
7	Drillcollar	RIG	9.5	9	9.5	2.813	267.62	354.37	7 5/8 REG	7 5/8 REG	220	77,251.2		SPRL	TALLY
6	String Reamer	RIG	9.5	1	16	3.063	8.85	86.75	7 5/8 REG	7 5/8 REG	210	18,374.8			18574616
5	Drillcollar	RIG	9.5	1	9.5	3	29.25	77.9	7 5/8 REG	7 5/8 REG	216	16,516.3		SPRL	8686027
4	String Reamer	RIG	9.5	1	16	3.25	7.9	48.65	7 5/8 REG	7 5/8 REG	210	10,198.3			1101PR077
3	Drillcollar	RIG	9.5	1	9.5	2.813	29.68	40.75	7 5/8 REG	7 5/8 REG	220	8,539.3		SPRL	3381
2	Near Bit Roller Reamer	RIG	16	1	9.5	2.75	9.57	11.07	7 5/8 REG	7 5/8 REG	210	2,009.7		3 POINT	HDH-3332-3-5
1	Bit	ULTR	16	1	16		1.5	1.5				0			70660

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	1/27/2026	NORMAL	N/A	SEASONAL.	2,614	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	TUB	ULT	SWK	RIG	OES	MJH	OJR	HMS	RIG	ARM	OTH	ARM	CAM
Category	ISPCT	BITS	CTRG	RIG	DFMS	SEC	JST	MLS	OTHR	OTHR	VAC	WSC	WHES
No. of Persons	4	1	15	38	2	8	0	4	16	6	1	3	2
Personnel on Loc. Hrs.	18	24	24	24	24	24	0	24	24	24	24	24	4
Operating Hours.	6	12	0	24	24	0	15	24	12	12	10	24	4

Total
100

TRUCKS/BOATS

Standby/Tankers
F054 PICK UP TRUCK

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	755	697	N/A	N/A	3000

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

UTMN-3152 WORKOVER-2 BI-60

01/02/2026 - 02/14/2026

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SND-2010 @ UTMN-3152 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2010
Well: UTMN-3152
Wellbores: (0) UTMN_3152_0

Charge #: (71-25057-3152)
Wellbores: (0) UTMN_3152_0

Objective : (RE-ENTER & SIDETRACK WELL IN ONE HOLE SIZE TO TOP KFBC, COMPLETE W/10K 4.5" CEMENTED LINER & S-3 PKR)

Foreman(s): KOKOSZ, RUSSELL STEPHEN / KHELLO, ABDALLA HASSAN / HELAL, AYMAN SABER
Engineer: KHUWAYSAH, MOHAMMED ABDUL KARIM / SOSA ORTEGA, JULIO CESAR
Manager: ALI, ALI MOHAMMAD

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882-16-77 71-2819	378-6479	378-6480

Last 24 hr operations
GWS RETRIEVE BPV, BULL HEAD WELL, S/L DRIFT, R/U HALL. E-LINE.

Next 24 hr plan
RUN TO SET BAKER TOMBSTONE BP, P/T BP, RIH TO PUNCH TUBING, CIRC. KILL MUD, SET BPV, ND TREE & BONNET, N/U BOP, P/T SAME.

Location
UTMN-3152, 03 KMS SOUTH OF UDH BRIDGE, TAKE 2ND U-TURN, THEN AFTER 01 KM TURN RIGHT.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,494	9 5/8	10351	10351	4 1/2	11,830	14,382	13,546

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14494	2.3 (01/25/2026@2200)	100	0	161	101

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0900	4	0	POST	N	WH	RTRV	BPV	ARM	14511	14511					HPJSM, R/U ARAMCO GWS LUBRICATOR. P/T SURFACE LINES AND LUBRICATOR TO 6,500 PSI WITH WATER/GLYCOL, OPENED MLMV, EQUALIZED PRESSURE, RETRIEVED 4" BPV & RECORDED SIWHP AT 3,800 PSI, FLUSHED GWS LUBRICATOR, SECURED WELL & R/D GWS LUBRICATOR.
0900 - 1030	1.5	0	POST	N	DCOM	OTH	NA	RIG	14511	14511					CHECKED SIWHP= 3,800 PSI & TCA PRESSURE= 0 PSI. > BLED TBG PRESSURE IN 200 PSI INCREMENTS TILL 3,000 PSI, THEN PRESSURE STARTED TO BUILD UP AGAIN UP TO 3,200 PSI.
1030 - 1330	3	0	POST	N	DCOM	OTH	NA	RIG	14511	14511					LINED UP TO TAQA PUMPING UNIT, BULLHEAD TBG W/ 30 BBLS 63 PCF VISCOUS WATER FOLLOWED WITH 220 BBL (1.2 TUBING CAPACITY), PRESSURE DROPPED FROM 3.200 PSI TO FINAL DISPLACEMENT PRESSURE 850 PSI, STOPPED PUMPING, FOUND PRESSURE @ 1200 PSI. > TCA PRESSURE = 0.
1330 - 1600	2.5	0	POST	N	DCOM	DTU	GAUG	OSL	14511	14511					HPJSM, R/U OILSERV SLICK LINE LUBRICATOR AND EQUIPMENT, P/T LUBRICATOR TO 300 PSI LOW / 6,500 PSI HI , HOLD FOR 10 MIN PER EACH, OK, BLEED OFF.
1600 - 2100	5	0	POST	N	DCOM	DTU	GAUG	OSL	14511	14511					OILSERV S/L RIH W/ 3.625" GAUGE CUTTER FREELY TO 11,950' (SLICK LINE DEPTH), POOH TO SURFACE AND R/D OILSERV S/L.
2100 - 0100	4	0	POST	N	DCOM	OTH	NA	HWP	14511	14511					HPJSM, R/U HLB E-LINE UNIT, R/U SHEAVES ,10K BOP & LUBRICATOR, TEST LUBRICATOR, HAD LEAKS FROM CONNECTION BETWEEN 2 HALL. BOP, BLEED OFF PRESSURE TO ZERO TO FIX THE LEAK.
0100 - 0459	4	0	POST	N	DCOM	SET	PLUGT	BTT	14511	14511			HSEI	965569	DURING DISCUSSING PLAN TO FIX THE LEAK AND BEFORE UNSCREW LEAK CONNECTION, HALL. OPERATOR INSTRUCTED DRILLER TO MOVE LUBRICATOR UP TO REMOVE SLIPS, RESULTED IN ONE OF THE 2 SLINGS LIFTING LUBRICATOR PARTED AND WIRE LINE SHEAVES GUIDER PARTED, NO INJURY. > SHUT DOWN OPERATION, HELD STAND DOWN MEETING, DISCUSSED: IMPORTANCE OF ESTABLISHING PROPER COMMUNICATION, HOLDING PRE JOB SAFETY MEETING BEFORE DOING ANY JOB, CLEAR PLANNING AND STAY AWAY FROM LINE OF FIRE. > RIG DOWN LUBRICATOR AND SHEAVES WHILE WAIT ON NEW UPPER SHEAVE AND NEW SLINGS COMING FROM HALLIBURTON.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 0100	4	4	965569		HSEI	UNKN	NA	RIG	0	SHUT DOWN OPERATION, WAIT ON HALLIBURTON NEW PARTS (SLINGS AND UPPER SHEAVE).

Workover Objectives

Foreman Remarks

==========UTMN-3152 ERP==========
> 1/2 LFL @ 110 M, RER 100 PPM @ 614 M & RER 30 PPM @ 1716 M
> STAGING AREA 1 : COORDINATES DISTANCE FROM WELL CENTER (KM) 1.76 (NORTH-WEST), N: 2,775,114.1 M E: 330,208.0 M

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UTMN-3152 WORKOVER-2 BI-60

01/02/2026 - 02/14/2026

> STAGING AREA 2 : COORDINATES DISTANCE FROM WELL CENTER (KM) 1.74 (SOUTH-EAST), N: 2,773,191.4 M E: 332,853.9 M
==========ODF CORRECTION==========
> RKB FOR RIG SND-2010 = 35.6 FT
> ODF CORRECTION F/ ADES-144 (35.9 FT) = -0.3 FT
========== ARAMCO PERSONNEL ==========
> ARAMCO MATERIAL EXPEDITOR, JASSEM ALRSHIDAN #8315354, ON LOCATION SINCE 01/22/2026
> ARAMCO MATERIAL EXPEDITOR, MUJAHID MUNIR #8148510, ON LOCATION SINCE 01/20/2026
> ARAMCO FOREMAN, MOHAMED ELSHIEKH #8580243, ON LOCATION SINCE 01/27/2026
==========RIG VISITORS ==========
> SANAD SUPERINTENDENT, FARES ALSURIMI ON LOCATION
==========SERVICE COMPANIES==========
> RAWABI (EMEC) MUD ENGINEER
> SINOPEC H2S/LEL (2 EA) INSTALLED ON UTMN-1910 (IN SAME CURRENT WELL PAD) SINCE 01/13/2026
> TAQA PUMPING UNIT & CREW
> GDMC N2 UNIT & CREW
> GE/VETCO WELLHEAD ENGINEER
> CAMERON WELLHEAD ENGINEER
> OILSERV SLICK LINE UNIT AND CREW
> HALLIBURTON WIRE LINE UNIT AND CREW
==========WELLSITE SERVICES==========
> VACUUM & WATER SPRAY TANKER, F/ AL FUWAILEH
> DRSS#: 3000380386 1 EA & 3000376020 1 EA
> TRUCK # 9406 HED /

==========CLOSED LOOP SYSTEM==========
> IMPLEMENTING CLOSED LOOP DRILLING PRACTICE (NOV 3 SIDED BIN)
> USING CEMENT PIT W/ PLASTIC LINER
> NO WATER PIT
==========RENTAL TOOLS==========
> NONE
==========NEXT WELLS==========
> 1ST NEXT WELL: UTMN-1877, PRESET IN KFBC, PRE-WORKOVER MEETING NOT CONDUCTED, STRIP OUT 100%, LOCATION PREPARATION 40%
> 2ND NEXT WELL: UTMN-1857, PRESET IN KFBC & TCA/CCA REPAIR, PRE-WORKOVER MEETING CONDUCTED ON 01/20/2026, STRIP OUT 100%, LOCATION PREPARATION 30%
> 3RD NEXT WELL: UTMN-1928, PRESET IN KFCC & TCA/CCA REPAIR, PRE-WORKOVER MEETING CONDUCTED ON 01/20/2026, STRIP OUT 100%, LOCATION PREPARATION 30%

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	10	600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	20	0	9 / 12	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
49	0	5	0	8 / 10	0	160	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	10	600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	20	0	9 / 12	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
49	0	5	0	8 / 10	0	160	0

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	2 PER WEEK	MILD	NA	COLD	844	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	TGC	GD2	RIG	RO4	MJH	SNS	RIG	ARM	SJC	ARM	GEP	OSL
Category	CTRG	COIL	RIG	DFMS	SEC	H2S	OTHR	OTHR	PCS	WSC	WHES	SLS
No. of Persons	17	4	46	1	8	1	26	5	3	2	1	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	0	24	0	0	24	24	24	24

Total
118

TRUCKS/BOATS

Standby/Tankers	Others
E-955	E-900

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	200	516	267	46	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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TINT-11 WORKOVER-2 BI-60

12/18/2025 - 03/01/2026

SND-2011 @ TINT-11 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2011
Well: TINT-11
Wellbores: (0-1) TINT_11_1

Charge #: (71-24096-0011)
Wellbores: (0-1) TINT_11_1

Objective : (TO RE-ENTER, SIDETRACK AND DRILL THE WELL IN ONE HOLE SIZE TARGETING UNZA. THE WELL WILL BE COMPLETE)

Foreman(s): DIAB, MOHAMMED MANSOUR / HUSSEIN, MAHDY ISMAIL MAHDY MOHAMED
Engineer Manager: ALMULHIM, ABDULLAH ADNAN / OTUDI, AHMED MOHAMMED JALLAL, FAISAL ALI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
+882 16 77 71 4138	013 576 37 43	013 576575 3

Last 24 hr operations
RE-LOG AS PER GOC. RSS DIREC DRILL 5-7/8" HOLE TO 14497' (190 FT)

Next 24 hr plan
RSS DRILLING 5-7/8" HOLE SECTION TO TD @15,280' MD / 15,198' TVD (303' INTO UNZ-A) - (783 FT REMAINING)

Location
295 KM F/DHAHRAN MG, 190 KM F/UDHL MG -82 KM AFTER HRDH GAS STATION. TINT ROAD 0.77 KM N49W OF TINT-

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,497	9 5/8	14680	14680	7	8,010	16,489	16,489

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14307	17.5 (01/10/2026@1700)	100	190	295	295

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0730	2.5	0-1	5 7/8	N	DRLG	LOG	LWD	BHI	14307	14307	14150	14250	RE-LOGGED LAST 100' ABOVE WHIPSTOCK AS PER GOC.
0730 - 0815	0.75	0-1	5 7/8	N	DRLG	RR	TDS	RIG	14307	14307			RIG SERVICE TDS.
0815 - 0900	0.75	0-1	5 7/8	N	DRLG	RR	TDS	RIG	14307	14307			PASS THROUGH 5-7/8" WINDOW, RIH & TAG BTM OF RAT HOLE @ 14,307'. > TOW @ 14,280', BOW @ 14,293'
0900 - 0459	20	0-1	5 7/8	N	DRLG	D	RSS	BHI	14307	14497			PATTERN BIT, BAKER DIRECTIONAL DRLG 5-7/8" HOLE WITH RSS/MWD ASSEMBLY W/ 80 PCF INNOVERT-RDF OBM & 100% CIRC. > PUMP HI VIS SWEEPS AS REQUIRED. > CONTROL DRILLING PARAMETERS TILL BHA OUT OF WINDOW. > FOLLOW INTEGRATED HORIZONTAL DRILLING PRACTICES VER 4.0. > OPTIMIZED DRILLING PARAMETERS TO MINIMIZE ERRATIC TORQUE ACROSS KHUFF-D ANHYDRITE. * LAST SAMPLE : DOLOMITE 70% , LIMSTONE 10 % , ANHYDRITE 20 %

Workover Objectives

Foreman Remarks

> ODF FROM PA-203 ORKB=32' - SND-2011 RKB=35' = 3' DIFF.
==========ARAMCO PERSONNEL==========
> ARAMCO CLERK SURESH DHAKAL #8147919 ON LOCATION 12/25/2025.

==========THIRD PARTY PERSONNEL & EQUIPMENT==========
> OES MUD ENGINEER.
> HALLIBURTON MUD ENGINEER ARRIVED LOCATION 01/15/26.
> BAKER D.D'S ARRIVED LOCATION 01/15/2026.
> BAKER WHIPSTOCK SERVICE HAND ARRIVED LOCATION 01/19/2026 @ 9:00 AM.RELEASED 01/27/2025 @ 9:00AM
> GEOLOG MUD LOGGING UNIT & CREW ARRIVED LOCATION 01/20/2026 @ 18:00.
> 4-3/4" OILSERV HMJ-475-0015 ARRIVED LOCATION 01/22/2026 - 5:00 AM.
==========RIG VISITS==========
NA

==========JOURNEY MANAGEMENT PLAN==========
> RIG IS FULLY COVERED W/ SIGNAL.
> ALL VEHICLES SHOULD FOLLOW APPROVED ROAD W/ NO SHORT CUT & FOLLOW DRIVING SPEED LIMIT.

==========SAFETY AND HSE FINDINGS STATUS==========
> DRILLS: STOP WORK AUTHORITY DRILL (SWAD)-0, PIT DRILL-0,TRIP DRILL-0, H2S DRILL-00
> DISCUSSED : REEL-SAFE 03-26 HSE ALERT: 07-26 CATWALK RAMP LIFTING POINT FAILURE.
> RHSEI: 0 OPENED, ALL CLOSED, CEHA: ONE OPEN, 3MCI: ALL CLOSED, WCI: ALL CLOSED.

========== ERP-STAGING AREA ==========
> ERP POSTED IN ARAMCO FOREMAN OFFICE; EMERGENCY CONTACT NUMBERS VERIFIED.
> SGA1: 1 KM TO THE SE - COORDINATES: N 2,625,826.0 M - E 342,186.2 M
> SGA2: 1 KM TO THE NW- COORDINATES: N 2,626,330.9 M - E 340,363.4 M
> RELIEF WELL: TINT-73 (1.26 KM NE)

==========SAGWOD COST OPTIMIZATION==========
> RECOVERED 400 BBLS DIESEL FROM TCA.
> RECEIVED 1600 BBLS OF 83 PCF OBM FROM MUD PLANT.

==========CLOSED LOOP SYSTEM ==========
> IMPLEMENTING CLOSED LOOP DRILLING PRACTICE.
> PITLESS LOCATION GUIDELINE: (N), (LOCATION PREPARATION BEFORE RIG MOVE TO SAGWOD).
========== DIRECTIONAL DRILLING ==========
> TOW=14,280', BOW= 14,293'.
> SENSOR DISTANCE: D&I =25.74' & MWD GR =12.58'. NBI = 5.34'.

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LIMITED MORNING REPORT

TINT-11 WORKOVER-2 BI-60

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> PROJECTION @ BIT: 14497' MD, 14494' TVD, 8.7 DEG INCL, 75 DEG AZIM.
> SEPARATION F/ PLAN: 8' CT-CT, 9'R, 0.3'B.

==========TRUCKING==========
> NA

==========NEXT WELLS==========
> 1ST WELL: TINT-29, NDE "TUBING REPLACEMENT", PRE-WORKOVER MEETING DONE, STRIP OUT 0%, LOCATION PREPARATION 0%, WOCP RUNNING.
> 2ND WELL: TINT-94, PRE-KHUFF DEVIATED ONE HOLE SIZE, PRE-WORKOVER MEETING DONE ON 19TH JAUNUARY-2026, STRIP OUT 0%, LOCATION PREPARATION 0% WOCP NOT YET.
> 3RD WELL: NJYN-43, UNZA RESERVOIR "SAND SCREEN COMPLETION" (TWO HOLE SIZES), PRE-WORKOVER MEETING NOT YET, STRIP OUT 100%, LOCATION PREPARATION 0% WOCP NOT YET.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	14,419	7.3	105		14,418	-1.2	36.54	119.93	3.09

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	1	0API	59	410 Volts	6.5	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	1.2HTHP	24	17	0	9 / 16	INOVRT	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
83	0	47	17	7 / 8	0	0	2.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	1	0API	60	400 Volts	6.3	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
125	1.2HTHP	23	14	0	8 / 14	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
82	0	45	17	6 / 7	0	0	1.2

MUD TREATMENT

CACO3-25	CACO3-50	CAOH2	MRBL-M	STELSL50	STELSEALFN	TAU MOD
30 (55LB)	30 (55LB)	12 (55LB)	30 (50LB)	12 (50LB)	12 (50LB)	6 (50LB)
RHEMODL	**LESUPERMUL**	**FACTANT**	**ADAPTA**	**MRBL-M**		
1 (55GL)	1 (55GL)	1 (55GL)	6 (50LB)	3 (2200L)		

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
36	14,307	14,497	DP Av	DC Av	Bit HHP	10	120	M432	5.875	REED
Pressure	**GPM**	**Jet Vel**	370.65	N/A	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,700	280	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numb	**Type**	**Jets**	**TFA**							
S325224	DS713M1A	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	20	308	330	326	6,500		12
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	4	1	4	3.24	31	921.45	VX39	VX39	14	27,139.21	G105	PREM	
15	Heavy Weight Drillpipe (HWDP)	RIG	4	21	4	2.562	657.45	890.45	XT39	XT39	26.24	26,705.21		CONV	TALLY
14	Hydro-Mechanical Jar	OJR	4.75	1	4.75		30.33	233			72.6	9,453.722			HMJ-475-0015
13	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.562	93.85	202.67	XT39	XT39	26.24	7,251.764		CONV	TALLY
12	Crossover	RIG	4.75	1	4.75	2.25	2.46	108.82	NC38	XT39	26	4,789.14			TALLY
11	FIlter Sub	BHI	5.875	1	4.75	2.25	3.27	106.36	NC38	NC38	49.6	4,725.18			15673372
10	Stop Sub	BHI	4.75	1	4.75	2.25	2.83	103.09	NC38	NC38	54.5	4,562.988			15431430
9	Vibration Mitigation Tool	BHI	4.75	1	5	1.2	40.91	100.26	T2	T2	21.2	4,408.753			16718464
8	Stop Sub	BHI	4.75	1	4.75	2.25	2.96	59.35	NC38	NC38	50.7	3,541.461			14988959
7	Stabilizer	BHI	5.875	1	4.75	2.25	5.08	56.39	NC38	NC38	74.2	3,391.389			STB0702128D
6	Stop Sub	BHI	4.75	1	4.75	2.25	1.46	51.31	NC38	NC38	53.6	3,014.453			14267613
5	BCPM. Bi-directional Communication and Power Module	BHI	4.75	1	4.75	2.25	16.89	49.85	NC38	NC38	53.6	2,936.197			1426713
4	Stabilizer	BHI	5.875	1	4.75	2.25	2.69	32.96	NC38	NC38	62.9	2,030.893			14610740
3	Measurement While Drilling (MWD)	BHI	4.75	1	4.75		20.17	30.27			64.14	1,861.692			15100372
2	RSS	BHI	4.75	1	4.75		9.53	10.1			59.6	567.988			14163069
1	Bit	REED	5.875	1	5.875	5.875	0.57	0.57				0			S325224

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2025	01/26/2025	WINDY	ONSHORE	SEASONAL	1,134	DAILY

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LIMITED MORNING REPORT

TINT-11 WORKOVER-2 BI-60

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PERSONNEL AND SERVICES INFORMATION	Company	TGC	BWH	BHI	RIG	BAR	OES	MJH	RO1	RIG	ARM	ARM
	Category	CTRG	WPSTK	DPDS	RIG	DFMS	DFMS	SEC	MLS	OTHR	OTHR	WSC
	No. of Persons	17	1	2	44	1	1	7	4	6	1	2
	Personnel on Loc. Hrs.	24	6	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	0	24	24	24	24	0	24	24	12	24

Total
86

TRUCKS/BOATS

Standby/Tankers	Others
ARAMCO PIckUP B-840	ambulance jeb-7758

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
500	1000	385	200	22	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2669 DEVELOPMENT DRILLING BI-60

01/28/2026 - 03/28/2026

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SND-2012 @ HRDH-2669 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2012
Well: HRDH-2669
Wellbores: (0) HRDH_2669_0

Charge #: (66-25058-2669)
Wellbores: (0) HRDH_2669_0

Objective : (HRDH-2669 WILL BE DRILLED AS MMK-1 PRE-SET IN KFBC IN THE CENTRAL PART OF HRDH FIELD.)

Foreman(s) TOUKAL, MOHAMED
Engineer
Manager HAQWI, MOHAMMED MOSA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11410	574-6057	574-6093

CONTRACTOR /CLERK VSA T: 574-6019

Last 24 hr operations
R/D ON HRDH-2645 & RIG MOVE, R/U ON HRDH-2669.

Next 24 hr plan
R/D ON HRDH-2645 & RIG MOVE, R/U ON HRDH-2669.

Location
THE WELL IS LOCATED 0.359 KM N34W OF HRDH-2496 AND 0.651 KM N3W OF HRDH-1883

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	272	272

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	PRE	N	RM	PJSM	NA	RIG	0	0			HELD PRE-JOB MEETING W/ ALL PARTIES. REVIEWED RIGGING / LIFTING PROCEDURES. REVIEWED JSA'S, EQPT / OPERATOR CERTS AND ASSIGNED SPECIFIC RESPONSIBILITIES. CONDUCT CRITICAL LIFT DURING DAYLIGHT HOURS. ALL TRUCK MOVEMENTS IN CONVOY.
0600 - 0459	23	0	PRE	N	RM	RD	NA	RIG	0	0			GENERAL RIG DOWN / MOVE AND RIG UP OPERATIONS (F/ HRDH-2645 TO HRDH-2669). - LOAD OUT POOR BOY DEGASSER. - R/D & R/M MUD SYSTEM, MUD PUMPS. - RIG DOWN & R/M CEMENT TANKS. - R/D & LOAD OUT CHOKE MANIFOLD. - DISCONNECTED & LOADED OUT VENT LINES & FLARE LINES. - PREPARE AND LOWER SUB BASE @15:00HRS. - R/D RIG FLOOR EQUIPMENT AND CLEAR RIG FLOOR. - CLAMP LAST FASTEN DRILLING LINE AND UNSPOOL DRAW WORKS. - PREPARE TO LOWER MAST. - PERFORM GENERAL RIG DOWN & MISCELLANEOUS WORK. ** PRE MOVE 88 LOADS. ** TOTAL LOADS MOVED TODAY: 30 LOADS. ** TOTAL LOADS MOVED: 118 LOADS. ** RIG DOWN @ 25% ** RIG MOVE @ 25% ** RIG UP @ 5% TIME SINCE RIG RELEASED = 1 DAY. - R/MOVE DISTANCE: 5 KM (SKID ROAD)

Foreman Remarks

====WELL OBJECTIVES====
HRDH-2669 WILL BE DRILLED AS MMK-1 PRE-SET IN KFBC IN THE CENTRAL PART OF HRDH FIELD. THE WELL WILL BE COMPLETED AS CEMENTED LINER COMPLETION.
THE WELL WILL BE COMPLETED WITH 4.5" 10K CEMENTED LINER. LOCATION IS OUTSIDE SHALLOW GAS AREA.

===ERP===
- 1/2 LFL @ 200 M, RER 100 PPM @ 390 M & RER 30 PPM @ 650 M.
- STAGING AREA # 1 1.08 KM NE E 49.16422 N 24.04723.
- STAGING AREA # 2 1.5 KM NW E 49.14409 N 24.04709.

===JOURNEY MANAGEMENT PLAN===
- ROUTE DESCRIPTION: DRIVE 10KM FROM HRDH-BRIDGE (ON KHARKHEER RD), LEFT TURN INTO SKID ROAD, 5KM TO RIG, FOLLOW SIGNS.
- RIG LOCATION: DISTANCE FROM DMG TO RIG IS 269 KM & NEAREST FACILITY HARADH GOSP-3 9.68 KM & HARADH GAS PLANT 6.83KM.
- GOOD SIGNAL COVERAGE AT THE WELLSITE. CALL RIG (013-5746057) PRIOR ENTERING THE 5KM SKID RD: STATE EMERGENCY CONTACT.
- ALL VEHICLES SHOULD FOLLOW APPROVED ROAD & MAINTAIN DRIVING SPEED LIMITS.

===ARAMCO PERSONNEL ON RIG===
- ARAMCO PDP ABDULLAH AL-GUNAISI ID#834785 ON LOCATION SINCE 01/19/2026.
- MATERIAL EXPEDITER ALHASSAN ALI ALTALAWAH #820939 ON LOC SINCE 01/20/2026.
- MATERIAL EXPEDITER ABDULLAH ALABDALWAHED #8521688 ON LOC SINCE 01/21/2026.
- MATERIAL EXPEDITER FADHEL, ALYOUSIF ID#824638 ON LOCATON SINCE 01/27/2026.
- SAOGDD FCA MICHAEL CATAN # 8281273 ON LOCATION LEFT LOCATION ON 1/27/2026.

====SAFETY====
PRE-TOUR SAFETY MEETING:2 , WEEKLY SAFETY MEETING: 00,STAND UP MEETING :00
COLD WORK PTW:06, HOT WORK PTW-01, LIFTING PERSONNEL PTW 03, DIESEL TRANSFER PTW-00, CONFINED SPACE PTW- 00, BUFFER ZONE PTW-01, RADIOACTIVE PTW- 00, TANDEM LIFT :08 JSA: 19, STOP CARDS: 20, NM - 00

LIMITED MORNING REPORT

HRDH-2669 DEVELOPMENT DRILLING BI-60

01/28/2026 - 03/28/2026

====AUDIT ITEMS====
3-MCI (1ST QTR 2025) 38- FINDINGS 38 - CLOSED, 00 - OPEN
3-MCI (2ST QTR 2025) 46 - FINDINGS, 46 - CLOSED, 00 - OPEN
3-MCI (3RD QTR 2025) 61 - FINDINGS, 61 - CLOSED, 00 - OPEN
3-MCI (4TH QTR 2025) 50 - FINDINGS, 49 - CLOSED, 01 - OPEN
IN-HOUSE AUDIT 2025 - 515- FINDINGS, 500 CLOSED, 15 OPEN
RHSEI 38- FINDINGS, 38 - CLOSED, 0 - OPEN
WCI 8- FINDINGS, 8 - CLOSED, 0 - OPEN

974 -FREE LTI DAYS .

====SAFETY ALERT \ TOPICS====
CONTINUE PRACTICE TO USE OF SCBA
VIDEO: LIFTING OPERATION USING CRANE AND FORKLIFT
SHARE PPT D&WOO HAND AND FINGER SAFETY CAMPAIGN | WEEK 22
WORK AT HEIGHT
STOP WORK AUTHORITY
HOUSEKEEPING
LIFTING OPERATION

FIRE DRILL AT CAMP: 00(TRAINING), FIRE DRILL : 00, MAN DOWN DRILL: 00, VERTICAL RESCUE DRILL: 00, MAN-LOST DRILL: 00, CONFINED SPACE RESCUE DRILL: 00, H2S DRILL:00, MOCK DRILLS: 0,H2S AND RESCUE DRILL: 00, PIT DRILL: 00 (TRAINING) TRIP DRILL: 00, BOP FUNCTION TEST: 00, BOP/SPACE OUT DRILL: 0, ACCUMULATOR TEST: 00, OIL SPILL DRILL: 0, SWA DRILL: 00, FIRE PUMP DRILL: 00

======WATER CONSERVATION IMPLEMENTED INITIATIVES========
- REDUCED WATER PITS: Y.
- DIRECT WATER LINE-UP TO MUD WATER TANK SYSTEMS: Y.
- CLS CUTTINGS DRYER SYSTEM INSTALLATION: NONE.
======RENTAL EQUIPMENT======
- NONE

========WATER SPRAY & VACUUM TANKERS========
- ONE SPRAY WATER FOR DUST CONTROL. 5412 DBA.
- 4 VACUUM TANKERS (DRSS 3000377229) EVAC WASTE WATER SINCE 18-JAN-2026.
==========
SAUDIZATION: 61%.
============RIG MOVE ======================
RIG MOVE DETAILS: CRANES-5, FORKLIFTS-2, WINCH TRUCKS-1, KTS HB-5, KTS LB-12, SANAD WIRE RACK. 3 TRUCK PUSHERS & 2 RIGGER1.
PRE MOVE: LOAD OUT 36 LOADS & 2 LOADS FOR ARAMCO. (TOTAL SND LOADS: 36 , TOTAL ARAMCO LOADS: 02).
NEXT LOCATION HDRH-2669: 100% READY TO RECEIVE RIG.
==========

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	977	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	OES	MJH	RIG	ARM	ARM	OTH
Category	CTRG	RIG	DFMS	SEC	OTHR	OTHR	WSC	VAC
No. of Persons	16	47	1	7	89	4	1	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	24	12	12	24	12

Total
166

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-2601 DEVELOPMENT DRILLING BI-60

12/27/2025 - 02/25/2026

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SND-2013 @ HRDH-2601 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-2013 Well HRDH-2601 Wellbores: (0) HRDH_2601_0	Charge #: (66-25058-2601) Wellbores: (0) HRDH_2601_0	Objective : (VERTICAL WELL WITH MK-1 DESIGN, TARGETING KHUFF-A AS A PRIMARY TARGET AND KHUFF-C AS A SECOND TARGET)	Foreman(s) BALAWI, AHMED HAMEED / TOMULET, ADRIAN FLORIN / HIDOUCHE, MOHAMED Engineer Manager HAQWI, MOHAMMED MOSA THURAYA +882167771 3959 | RIG FORMAN VSAT 576-2525 | OTHER VSAT 576-2943 CONTRACTOR /CLERK VSA T 576-2902

Last 24 hr operations	Next 24 hr plan
ROTARY DRILL 12" HOLE SECTION TO 8840'.	ROTARY DRILL 12" HOLE SECTION TO TD @ 8990' (30 FT INTO BJDM). CHC. WIPER TRIP. CHC. POOH 12" BHA ASSY.

Location	Next Location
THE WELL IS LOCATED 0.222 KM N16E OF HRDH-3559 AND 0.475 KM S52E OF HRDH-803.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,840	13 5/8	4210	4210				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8250	18.4 (01/09/2026@2030)	100	590	260	260

Formation Tops

Formations	Top Depth	Comments
ARUM	1,030	72' DEEPER
LAMS	1,490	35' DEEPER
AHMD	1,860	23' DEEPER
SFNY	2,105	35' SHALLOWER
SHUB	3,020	74' DEEPER
BYDH	3,149	41' DEEPER
MDTM	4,170	41' DEEPER
SULY	4,830	46' DEEPER
HITH	5,320	24' DEEPER
ABAR	5,800	44' DEEPER
ABBR	5,910	102' DEEPER
ABCR	6,000	100' DEEPER
ABDR	6,290	
BADR	6,510	26' SHALLOWER
UHFR	6,910	50' DEEPER
HDRR	7,200	24' SHALLOWER
BHDR	7,470	49' DEEPER
DHRM	7,640	38' DEEPER
LFDR	7,715	55' DEEPER
BLFR	7,790	2' DEEPER
HURN	8,250	48' SHALLOWER
MRRT	8,350	44' SHALLOWER
MNJR	8,520	12' DEEPER
JILH	8,680	40' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0430	23.5	0	12	N	DRLG	D	TDS	RIG	8250	8840			ROTARY DRILLED 12" VERT HS W/ 72 PCF OBM & 100% RETURNS. > PUMPED HV / SEALING PILLS & MAINTAIN BRIDGING AS PER MUD PROGRAM. > CONNECTION PRACTICE: GAS WELLS INTEGRATED VERT HOLE DRLG VER 4, HIGH RISK. > LAST SAMPLE @ 8800' - 20% SHALE, 60% ANHYDRITE, 20% LIMESTONE, MAX GAS 1.02% @ 8800'.
0430 - 0459	0.5	0	12	N	DRLG	RR	TDS	RIG	8840	8840			SERVICE TDS & CHECK FOR POTENTIAL DROPPED OBJECTS.

Foreman Remarks

WELL OBJECTIVIES:
HRDH-2601 IS PLANNED TO BE DRILLED AS A VERTICAL WELL WITH MK-1 DESIGN, TARGETING KHUFF-A AS A PRIMARY TARGET AND KHUFF-C AS A SECONDARY TARGET
================ >> ERP << ==========
H2S IS 0.8% IN ARAB-D AND 0.0005% IN KHUFF-A AS PER GRMD.
RER DISTANCES: 250 M 1/2LFL, 260M (100 PPM), 350M (30 PPM).
STAGING AREA#1: 1 KM NW, N: 24.19585, E: 49. 07238
STAGING AREA#2: 0.8 KM SE, N: 24.18130, W 23.981311
==========JOURNEY MANAGEMENT==========
- RIG IS 260 KM FROM DMG: FOLLOW HARADH PRIOR HIGHWAY BRIDGE TAKE RIGHT ON BLACKTOP FOR 10 KMS.
- ALL VEHICLES CARRY SUPPLY OF DRINKING WATER, CAR SURVIVAL KIT, FOLLOW SPEED LIMIT.
==========WELL SECTIONS ==========
* PLANNED 28" SECTION TO 503' MD (+/- 20' INTO UER) / ACTUAL: 503'.
* PLANNED 22" SECTION TO 1,887' MD (50' INTO AHMD) / ACTUAL: 1,922'.
* PLANNED 16" SECTION TO 4,199' MD (50' INTO MDTM) / ACTUAL: 4,220'.
* PLANNED 12" SECTION TO 8,990' MD (30' INTO BJDM) / ACTUAL: .
* PLANNED 8-3/8" SECTION TO 10,532' MD (10' INTO KUFF) /ACTUAL: .
* PLANNED 5-7/8" SECTION TO 11,609' (+/- 200' INTO KFDA) /ACTUAL: .
==========CSG KPI==========
* RUN 30" CSG KPI: 2.9 JT/HR, ACTUAL: N/A
* RUN 24" CSG KPI: 4 JT/HR, ACTUAL: 4 JT/HR
* RUN 18-5/8" CSG KPI: 7 JT/HR, ACTUAL: 7.5 JT/HR
* RUN 13-3/8" CSG KPI: 11.5 JTS/HR / ACTUAL: ... JTS/HR

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HRDH-2601 DEVELOPMENT DRILLING BI-60

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* RUN 9-5/8" CSG KPI: 14 JTS/HR / ACTUAL: ... JTS/HR
* RUN 7" CSG KPI: 14 JTS/HR / ACTUAL: .... JTS/HR
* RUN 4-1/2" TBG COMPL. KPI: 13 JTS/HR / ACTUAL: ... JTS/HR.
==========PERSONNEL ON BOARD & VISITORS==========
- ARAMCO MAT EXPEDITOR TURKI, MUAYAD #765426 ON LOCATION SINCE 01/20/2026.
- ARAMCO MAT EXPEDITOR TRAINEE MOHAMMED ALHARBI #718617 ON LOCATION SINCE 01/21/2026.
- ARAMCO MAT EXPEDITOR TRAINEE MOHAMMED BAKHEET #718625 ON LOCATION SINCE 01/21/2026.
- ARAMCO PDP ALSMAEEL, HABEEB #790065 ON LOCATION SINCE 01/21/2026.
==========
CREW SHORTAGE: NONE
==========SAFETY==========
- PRE-TOUR SAFETY MEETING-2; MAINTENANCE MEETING-01; WEEKLY MEETING: 0; SWA-03, HAZARD HUNT 2, STAR-2, NM-0.
- STOP CARDS (31); PTW: (6); JSA: (8)
- DRILLS: TRIP - 1, PIT - 1, H2S/ MUSTER - 1.
- MEETING TOPICS DISCUSSED : AUXILIARY ESCAPE FROM RIG DERRICK, WEATHER CONDITION, MIXING CAUSTIC, USE TETHERED TOOLS @ HEIGHT, COVER HOLE TO PREVENT OBJECT/ TOOLS FALLING INSIDE.
- AMBULANCE ON LOCATION.
==========RENTAL TOOLS & EQUIPMENT==========
- WFD 8" JAR S# 1762-5254 ON LOC 1/21/26 @ 16:00HRS.
- CORETRAX 12" PBL SUB SN DVBB5-1143 ON LOC 1/21/26 21:30 HRS.
========WATER SPRAY & VACUUM TANKERS==========
- 3 VACUUM TANKERS SINCE 01/20/2026.
==========
WATER WELL: HRDH-880, HRDH-3559
==========MUD COST OPTIMIZATION==========
- RECEIVED 800 BBLS 76 PCF OBM FROM SDGM MP.
- RECEIVED 400 BBLS 76 PCF OBM FROM RIG GW-95.
- RECEIVED 500 BBLS 79 PCF OBM FROM RIG SND-2002.
- RECEIVED 1500 BBLS 130 PCF OBM F/ NBR-304.
==========SERVICE COMPANY PERSONNEL & TOOLS ==========
- 01 OES MUD ENGINEER.
- 01 HALLIBURTON BAROID MUD ENGINEER SINCE 01/19/2026.
- RAWABI MUD LOGGING ON LOCATION SINCE 01/20/2026.
==========NEXT WELL==========
- HRDH-2602, DRILLING NEW WELL.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	1	0API	64	550 Volts	6.8	0	35,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
152	1HTHP	23	16	0	9 / 13	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	21	13	7 / 8	0	20,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
72 PCF	1	0API	63	576 Volts	6.9	0	35,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	1HTHP	24	17	0	9 / 14	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	20	13	7 / 8	0	20,000	0

MUD TREATMENT

MICA-FINE	SEC-EMULS	PRIM-EMUL	BFIBRE-SF	MICA-CRSE	CAOH2	FLC2000
40 (50LB)	1 (55LB)	2 (55GL)	40 (25LB)	40 (50LB)	40 (55LB)	60 (50LB)
CARBOTROL	**GELTONE**	**CACO3-25**	**CACO3-5**	**STELSEALFN**	**BAROFIBER**	**CACO3-50**
24 (50LB)	4 (55LB)	40 (50LB)	30 (55LB)	20 (50LB)	24 (25LB)	40 (50LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4RR	4,220	8,840	DP Av	DC Av	Bit HHP	60	140	M423	12	SEC
Pressure	**GPM**	**Jet Vel**	193.93	307.44	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,800	900	N/A				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
14162011	GT86DH	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	230	350	355	345	10,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	0	5.5	4.67	0	1,141.45	XT54	XT54	24.7	256,213.996	XD105	PREM	
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	278.52	1,141.45	XT54	XT54	52	256,213.996		CONV	
13	Crossover	RIG	6.625	1	6.625	4	3.06	862.93	VX54	6 5/8 FH	71	241,730.956			NAP-7730-1

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HRDH-2601 DEVELOPMENT DRILLING BI-60

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Heavy Weight Drillpipe (HWDP)	RIG	6.625	6	6.625	4.5	186.99	859.87	6 5/8 FH	6 5/8 FH	71.43	241,513.696		CONV	
11	Crossover	RIG	8.5	1	8.5	2.813	3	672.88	6 5/8 FH	6 5/8 REG	170	228,157			NAP-7835-2
10	Drillcollar	RIG	8.5	3	8.5	2.813	92.41	669.88	6 5/8 REG	6 5/8 REG	170	227,647		SPRL	
9	Hydraulic Jar	WJS	8	1	8	2.25	31.36	577.47	6 5/8 REG	6 5/8 REG	3,800	211,937.3			1762-5254
8	Drillcollar	RIG	8.5	15	8.5	2.813	458.08	546.11	6 5/8 REG	6 5/8 REG	170	92,769.3		SPRL	
7	PBL (Multiple Activation By Pass)	SAM	8	1	8	2.813	20.06	88.03	6 5/8 REG	6 5/8 REG	160	14,895.7			CCIB-1111 CORETRAX
6	String Reamer	RIG	12	1	8.5	3	8.63	67.97	6 5/8 REG	6 5/8 REG	190	11,686.1			1310-RR-14-48
5	String Reamer	RIG	8.5	1	8.25	2.875	31.05	59.34	6 5/8 REG	6 5/8 REG	170	10,046.4			28364
4	String Reamer	RIG	12	1	8.5	3	8.91	28.29	6 5/8 REG	6 5/8 REG	190	4,767.9			1309-RR-14-43
3	Pony Collar	RIG	8.5	1			15	19.38	6 5/8 REG	6 5/8 REG	171	3,075			28375-2
2	Bit Sub	RIG	8.5	1	8.5	2.813	3	4.38	6 5/8 REG	6 5/8 REG	170	510			NAP-5850-25
1	Bit	SEC	0	1	12		1.38	1.38				0			14162011

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	01/21/2026	N/A	N/A	N/A	762	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SEC	RZT	RIG	BAR	OES	MJH	RO5	RIG	ARM	ARM	CRW
Category	BITS	CTRG	RIG	DFMS	DFMS	SEC	MLS	OTHR	OTHR	WSC	WBCS
No. of Persons	1	15	48	1	1	8	3	19	4	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	12	12	0	24	12	12	24	24

Total
104

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	680	261	72	4200

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
V.SAT ANTENNA IS HAVING AN ISSUE AND IT IS MANUALLY ALIGNED . NEEDS TO BE REPLACED		

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LIMITED MORNING REPORT

HRDH-2650 DEVELOPMENT DRILLING BI-60

10/10/2025 - 02/04/2026

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SND-2014 @ HRDH-2650 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2014
Well: HRDH-2650
Wellbores: (0-1) HRDH_2650_1

Charge #: (66-25058-2650)
Wellbores: (0-1) HRDH_2650_1

Objective : (K-2 GAS PRODUCER)

Foreman(s): DAECHSEL, EDWARD JAMES / KIR, SERKAN
Engineer
Manager: MOUSA, NEDAL ADEL

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4209	5762499	5762752

CONTRACTOR /CLERK VSA T: 5762850

Last 24 hr operations
DRILL 10FT RAT HOLE . CIRC. POOH WITH WHIPSTOCK MILLING ASSEMBLY. R/U WFD MPD AND RCD TEST SAME.

Next 24 hr plan
M/U AND RIH 5 7/8" SLB DIRECTIONAL BHA. DRILL 5 7/8" HOLE WITH SLB RSS ASSEMBLY TO TD @ 14094' MD. (150' INTO PUZU)

Location: HRDH-2650
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,477	9 5/8	11707	11438	7	11,364	12,894	12,624

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12475	94 (10/26/2025@0500)	100	2	278	310

Formation Tops

Formations	Top Depth	Comments
KFDA	12,447	87' DEEPER IN TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1	5 7/8	N	DRLG	D	TDS	RIG	12475	12477			DRILL 10 FT NEW FORMATION FROM 12,465 FT TO 12,477 FT. > LAST SAMPLE: 80 % FORMATION.
0600 - 0915	3.25	0-1	5 7/8	N	DRLG	CIRC	MPMP	RIG	12477	12477			PUMP 20BBLS HI VIS & CIRCULATE WELL CLEAN. WORK WHIPSTOCK MILL ASSEMBLY THRU WINDOW MULTIPLE TIMES. FLOW CHECK 15MINS, OK. PUMP TRIP SLUG.
0915 - 0930	0.25	0-1	5 7/8	N	DRLG	TO	STDP	RIG	12477	12477	12477	11940	TRIP OUT W/7" WIS WHIPSTOCK MILLS ON 5 1/2" DRILLPIPE.
0930 - 0945	0.25	0-1	5 7/8	N	DRLG	CIRC	MPMP	RIG	12477	12477			FIVE STAND FLOW CHECK FOR 15MINS, OK.
0945 - 1500	5.25	0-1	5 7/8	N	DRLG	TO	STDP	RIG	12477	12477	11940	1785	TRIP OUT W/7" WIS WHIPSTOCK MILLS ON 5 1/2" DRILLPIPE.
1500 - 1530	0.5	0-1	5 7/8	N	DRLG	HT	PEL	RIG	12477	12477			FLOW CHECK, OK. CHANGE HANDLING TOOL FROM 5.5" TO 4"
1530 - 1830	3	0-1	5 7/8	N	DRLG	HT	BHA	RIG	12477	12477			POOH WITH 7" WHIPSTOCK MILL ASSEMBLY ON 4" HWDP. L/D WIS MILL ASSEMBLY AND INSPECTED SAME. > L/D EXCESS 4" HWDPS -
1830 - 2000	1.5	0-1	5 7/8	N	BOP	ND	BNIP	RIG	12477	12477			N/D BELL NIPPLE. > SECURE WELL AND MONITOR THRU CHOKE.
2000 - 0430	8.5	0-1	5 7/8	N	BOP	NU	RCD	WUD	12477	12477			RIG UP WFD MPD EQUIPMENT AND RCD. > INSTALL 4 1/16" 10K HCR VALVE ON MPD UPSTREAM. > R/U MPD FLOW LINE
0430 - 0459	0.5	0-1	5 7/8	N	BOP	NU	RCD	RIG	12477	12477			RIH 11" VG TEST PLUG ASSY, LAND SAME INTO CSG SPOOL.

Foreman Remarks

HRDH-2650 IS PLANNED TO BE DRILLED AS AN S-SHAPE HOLE ACROSS UNYZ-A RESERVOIR AS A PRIMARY TARGET AND UNYZ-B/C AS A SECONDARY TARGET. BASED ON OH LOGS AND MDT RESULTS, THE WELL WILL BE COMPLETED IN UNYZ-B/C WITH 15K MSF EQUIPMENT OR CEMENTED LINER.. THIS WELL IS LOCATED OUTSIDE THE SHALLOW GAS AREA.

========== ERP ==========
> STAGING AREA #1: E 49.11693 - N 23.99651 - (0.69 KM FROM WELL CENTER TO ENE).
> STAGING AREA #2: E 49.10497 - N 24.00078 - (0.68 KM FROM WELL CENTER TO NW).

========== ARAMCO POB & VISITORS ==========
> ARAMCO CLERK YAHYA ABDOULFAZAL ON LOCATION 10/20/2024.
> ARAMCO PDP SAUD Y. AL KHAMMAS #834077 ON DAYS OFF SINCE 1/18/2026.
> ARAMCO FCT MOHAMMED A SHEHRI ON DAYS OFF 1/22/2026.
> ARAMCO CLERK NASHI ALGHAMDI #824786 ON DAYS OFF SINCE 1/24/2026.
> ARAMCO PDP YAZEED ALSHEHRI #828417 ON LOCATION SINCE 01/23/2026.

====== SAFETY, DRILLS & ALERTS ==========
> DRILLS: 1 X TRIP DRILL, 1 X H2S RELEASE EMERGENCY DRILL
> OBSERVATIONS: 30, PTW: 10, JSA: 14, SWA: 4, STAR: 2, HAZARD HUNT: 1.
> SANAD 10 RULES TO LIVE BY BY #9 PROTECT YOURSELF AGAINST A FALL WHEN WORKING AT HEIGHTS.
> ARAMCO 8 LIFE SAVING RULES #5: FOLLOW ALL TRAFFIC SAFETY RULES.
> NEAR MISS: 0.
> HSE ALERT:
- HSE ALERT- 08-26 ROUSTABOUT ANKLE TWISTED
- HSE ALERT-09-26 TRUCK ROLLOVER
- HSE ALERT-10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

========== AUDITS ==========
> WCI - 2025: TOTAL ITEMS: 9, OPEN: 0, CLOSED: 9.
> RHSEI APR 2025 TOTAL ITEMS: 45, OPEN: 1, CLOSED: 44.

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10/10/2025 - 02/04/2026

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> 2ND BI-ANNUAL HAZCOM TOTAL ITEMS: 7, OPEN: 0, CLOSED 7.
> LPD RSI-2025: TOTAL ITEMS: 38, OPEN: 0, CLOSED: 38.
> 4TH QTR 3MCI 2025 TOTAL ITEMS: 60, OPEN: 3, CLOSED 57.

========== FLAT TIME KPI ==========
> RIG MOVE KPI: 8.71 DAYS, ACTUAL: 8.21 DAYS.
> TRIPPING KPI: 19 STD/HR / ACTUAL: XX STD/HR.
> 30" CSG KPI: 3 JT/HR / ACTUAL: 3 JT/HR
> 24" CSG KPI: 4 JT/HR / ACTUAL: 6 JT/HR.
> 18-5/8" CSG KPI: 7 JT/HR / ACTUAL: 7 JTS/HR.
> 13-3/8" CSG KPI: 11.5 JT/HR/ ACTUAL: 9.5 JT/HR.
> 9-5/8" CSG KPI: 14 JT/HR/ACTUAL: XX JT/HR
> 7" LINER KPI: 14 JT/HR/ACTUAL: 14.6 JT/HR.
> 4-1/2 LINER KPI: 13 JT/HR / ACTUAL: XX JT/HR.
> 4-1/2" UPPER COMPLETION KPI:13.5 JT/HR, ACTUAL: XX JT/HR.

========== PLANNED VS ACTUAL CASING DEPTHS ==========
> 34" SECT: 446' (+/- 50' INTO RUS) / ACTUAL 495 FT.
> 28" SECT: 2,410'(+/- 50' INTO AHMDI) / ACTUAL: 2410 FT.
> 22" SECT: 4,040' (+/- 300' INTO BYDH) / ACTUAL: 4056 FT.
> 16" SECT: 9,965' MD (30' INTO BJDM) / ACTUAL: 9,975' ,MD.
> 12" SECT: 11,391' (10' INTO KFBC) / ACTUAL: 11,708 FT. MD
> 8-3/8" SECT: 12,589' (450' INTO KFDA) / ACTUAL: 12,894 FT. MD
> 5-7/8" SECT: 13,217' (150 FT INTO PUZU) / ACTUAL: 13913 FT. MD

========== PERSONNEL SHORTAGE & SAUDIZATION ==========
> SND CREW SHORTAGE: NONE.
> SAUDIZATION: 41 %.
==========RENTAL TOOLS==========
> NONE

==========
> NEXT LOCATION HRDH-2451- 100% COMPLETE (BEDOUIN CAMP REMOVAL FR/RER REQUEST SUBMITTED T/LOGISTICS)
> SECOND WELL HRDH-2643 & THIRD WELL HRDH-2465 LOCATION READY AS PER WELL SITE ENG.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	1	0API	59	327 Volts	5.53	0	28,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.8HTHP	14	16	0	8 / 11	DELTADR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
73	0	40	27	7 / 8	0	14,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	1	0API	59	334 Volts	5.53	0	28,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.8HTHP	14	16	0	8 / 11	DELTADR	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
71	0	40	27	7 / 8	0	14,000	0

MUD TREATMENT

CAOH2	DELTA GEL	DELTA FL-HT	DELTA MUL AR
6 (55LB)	6 (50LB)	6 (50LB)	1 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	ACCUMULATOR DRILL	SEASONAL	NA	SEASONAL	765	DAILY / TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	RZT	WI3	SDM	RIG	BDF	OES	MJH	WUD	HMS	RIG	ARM	ARM
Category	CTRG	WPSTK	DPDS	RIG	DFMS	DFMS	SEC	MPD	MLS	OTHR	OTHR	WSC
No. of Persons	17	1	2	47	1	1	8	6	3	11	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	13.5	0	24	24	24	0	10.5	24	12	12	24

Total
100

TRUCKS/BOATS

Standby/Tankers
E945

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	655	14	5	300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LIMITED MORNING REPORT

HRDH-2650 DEVELOPMENT DRILLING BI-60

10/10/2025 - 02/04/2026

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LIMITED MORNING REPORT

HRDH-2680 DEVELOPMENT DRILLING BI-60

11/05/2025 - 02/03/2026

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saudi aramco

SND-2015 @ HRDH-2680 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2015
Well: HRDH-2680
Wellbores: (0) HRDH_2680_0

Charge #: (66-25058-2680)
Wellbores: (0) HRDH_2680_0

Objective : (MK-1 PRE-SET TARGETING UNYZ RESERVOIR.)

Foreman(s): REFAEI, ASHRAF MOUSTAFA / LONG, JEFFREY MICHAEL
Engineer
Manager: HAQWI, MOHAMMED MOSA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4282	576-7880	576-7819

CONTRACTOR /CLERK VSA T: 576-7849

Last 24 hr operations
POOH & L/D SLB RSS-MWD/GR BHA. P/U & RIH 5-7/8" SLB RSS-MWD/GR BHA. RELOG & CONT DRLG 5-7/8" HS TO 16670'.

Next 24 hr plan
CONT DIR DRILL 5-7/8" HS WITH SLB RSS-MWD/GR BHA TO TD +/- 17,368'MD/15,185'TVD, (60' TVD INTO PUZU).

Location
RIG LOCATED ON YABREN ROAD, 0.851 KM N17E OF HRDH-1244 AND 0.885 KM S77W OF HRDH-2158.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,670	9 5/8	10629	10629	7	10,325	14,233	13,966

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16633	59.2 (11/27/2025@0600)	100	37	291	291

Formation Tops

Formations	Top Depth	Comments
KFBR	12,822	58' SHALLOWER
KFCC	13,263	99' SHALLOWER.
KFDA	13,557	126' SHALLOWER.
PKFU	14,424	14049' TVD.
BUA1	14,618	
BUZA	14,824	14220' TVD (30' SHALLOWER)
UBCU	15,019	14304' TVD (1' SHALLOWER)
UNZB	15,210	14358' TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	5 7/8	N	DRLG	TO	STDP	RIG	16633	16633	3000	795	CONT'D POOH W/ SDM 5-7/8" RSS ASSY W/ 4" STDS OF DP TO 795'. - MONITOR WELL ON TRIP TANK, STATIC.
0600 - 0615	0.25	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	16633	16633			FLOW CHECK, WELL STATIC.
0615 - 0630	0.25	0	5 7/8	N	DRLG	TO	STDP	RIG	16633	16633	795	285	CONT'D POOH W/ SDM 5-7/8" RSS ASSY W/ 4" STDS OF DP TO 285'. - MONITOR WELL ON TRIP TANK, STATIC.
0630 - 0645	0.25	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	16633	16633			FLOW CHECK, WELL STATIC.
0645 - 0930	2.75	0	5 7/8	N	DRLG	HT	BHA	SDM	16633	16633			CONT'D POOH & L/D SDM 5-7/8" RSS MWD/GR BHA. - L/D WFD JAR S/N# 14207647 @ 07:00. - MONITOR WELL ON TRIP TANK, STATIC. - BIT DULL GRADE S/N# SA00416, 2-3-BT-A-I-X-CT-BHA.
0930 - 1000	0.5	0	5 7/8	N	DRLG	RR	TDS	RIG	16633	16633			SERVICE TDS & CHECK FOR POTENTIAL DROPPED OBJECTS.
1000 - 1245	2.75	0	5 7/8	N	DRLG	HT	BHA	SDM	16633	16633			HPJSM & P/U & RIH 5-7/8" SDM RSS MWD/GR BHA TO 285'. - M/U 5-7/8 NEW SECURITY PDC BIT (TYPE: EM65D, S/N: 14478090 & NOZZLES: 2X10, 2X11, 1X12.) - 5-7/8" PDC BIT, PD 475 SLB RSS SLICK CC, 5 1/2" RSS STAB, CLINK LOWER SAVER SUB, PD475 CLINK, CLINK UPPER SAVER SUB, SLB MWD, 5 5/8" IN-LINE STABI, NM DC, 5 1/2" STAB, 1ST FLOAT SUB W/FLOAT VALVE, DOWNHOLE FILTER SUB, 2ND FLOAT SUB W/ FLOAT VALVE, XO, 2 X 4" HWDP X 2 + WFD HM JAR, 3 X 4" HWDP X 3. - P/U WFD JAR S/N# 1420-7555 @ 12:30.
1245 - 1600	3.25	0	5 7/8	N	DRLG	TI	STDP	RIG	16633	16633	285	7350	CONT'D RIH 5-7/8" SLB RSS MWD/GR ASSY WITH 4" STDS OF DP TO 7350'. - FILL PIPE EVERY 20 STDS & MONITOR WELL ON TRIP TANK.
1600 - 1630	0.5	0	5 7/8	N	DRLG	HT	PEL	RIG	16633	16633			PERFORM HOUSEKEEPING TO PREVENT SLIP & TRIPS. CHANGE RF HANDLING TOOLS FROM 4" TO 5-1/2". - MEANWHILE FLOW CHECK, WELL STATIC.
1630 - 1945	3.25	0	5 7/8	N	DRLG	TI	STDP	RIG	16633	16633	7350	14330	CONT'D RIH 5-7/8" SLB RSS MWD/GR ASSY WITH 5-1/2" STDS OF DP TO 14330'. - FILL PIPE EVERY 20 STDS & MONITOR WELL ON TRIP TANK. - ENCOUNTER OBSTRUCTION IN OPEN HOLE AT 14330' WHILE ON ELEVATORS.
1945 - 2315	3.5	0	5 7/8	N	DRLG	RW	BIT	SEC	16633	16633	14330	16396	SOFTREAM & WASH AS HOLE DICTATES W/ 5-7/8" SLB RSS MWD/GR ASSY TO 16396'. - ENSURE TIGHT AREAS ARE FREE PRIOR TO MAKING CONNECTION.
2315 - 0145	2.5	0	5 7/8	N	DRLG	LOG	LWD	SDM	16633	16633	16396	16633	RE-LOG W/ 5-7/8" SLB RSS MWD/GR ASSY TO BTM 16633'.
0145 - 0215	0.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	16633	16633			CONTROL DRILL/PATTERN HALIBURTON DBS 5-7/8" EM65D BIT.
0215 - 0459	2.75	0	5 7/8	N	DRLG	D	RSS	SDM	16633	16670			DIRECTIONAL DRILL 5-7/8" HOLE W/ SLB RSS/ MWD/GR W/ 95 PCF RHELIANT OBM @ 100% CIRC. - SURVEYS PRIOR TO CONNECTION 30' OFF-BTM. - PUMPED SEALING PILLS & MAINTAINED BRIDGING PER DRILLING FLUIDS PROG.

LIMITED MORNING REPORT

HRDH-2680 DEVELOPMENT DRILLING BI-60

11/05/2025 - 02/03/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													- CONNECTION PRACTICE: GAS WELL INTEG. VERT HOLE (V4, HIGH RISK). - MAX BACK GROUND GAS: 1.45% @ 16633' MD. - LITHOLOGY: 16633' MD: 50% SANDSTONE & 10% SILTSTONE, 40% SHALE. - LAST SURVEY: 16599' MD / 14903.32' TVD, 67.90 INC, 79.11 AZI. - DISTANCE FROM WELL PLAN #3: 2.30' ABOVE & 1.50' RIGHT.

Foreman Remarks

======WELL OBJECTIVE======
HRDH-2680 IS PLANNED TO BE DRILLED AS A MAINTAIN POTENTIAL WELL TARGETING UZBC RESERVOIR. A DEEP PRESET WILL BE LANDED INTO THE CLEAN SANDS OF UZBC (EXPECTED 100-300 FT TVD INTO UZBC). BASED ON THE OPEN HOLE LOG RESPONSE, THE UPPER SECTION OF THE UZBC CLEAN SAND SHOULD BE ACCESSIBLE AS A SECONDARY OPTION FOR SETTING A WHIPSTOCK & EXITING WITH THE UBCTD.

======JOURNEY MANAGEMENT PLAN======
- RIG LOCATION: DISTANCE FROM DHG TO RIG IS 291 KM & NEAREST CITY IS HARADH.
- 0.851 KM N17E OF HRDH-1244 AND 0.885 KM S77W OF HRDH-2158.
- CALL RIG SND-2015 AT (013-5767880) & PROVIDE EMERGENCY CONTACT. ALL VEHICLES SHOULD FOLLOW APPROVED ROAD & FOLLOW DRIVING SPEED LIMIT.

======ARAMCO PERSONNEL ON RIG======
- ARAMCO MATERIAL EXPEDITOR MUHANNAD ALYAMI #8361554 ON LOCATION SINCE 1/23/26.
- ARAMCO FCT MESHAL ALQAHTANI ID# 796673 ON LOCATION SINCE 1/27/26.
- SAUDIZATION: 45%.
- CREW SHORTAGE: NONE.

====== HSE FINDING======
- 3RD QTR 3MCI: 43 TOTAL ITEMS 100% CLOSED (43 CLOSED & 0 OPEN).
- 4TH QTR 3MCI: 56 TOTAL ITEMS 96.42% CLOSED (54 CLOSED & 2 OPEN).

========SAFETY=======
PRE-TOUR MEETINGS: 2, JSA: 6, STOP CARDS: 23, NM: 0.

ONSITE MAN LOST - SEARCH/RESCUE DRILL: 0, H2S RELEASE DRILL: 0, H2S RESCUE DRILL: 1, MAN DOWN DRILL: 0, PIT DRILL: 0, TRIP DRILL: 1, BOP DRILL: 0, FIRE DRILL: 0, FIRE WATER SYSTEM EQUIPMENT FUNCTION TEST: 0, CONFINED SPACE RESCUE DRILL: 0, JM (JOURNEY MANAGEMENT) SEARCH AND RESCUE DRILL: 0, ACCUMULATOR DRILL: 0, SWAD: 0, VERTICAL RESCUE DRILL: 0, OIL SPILL EQUIPMENT CLEAN-UP DRILL: 0, FIRE PUMP DRILL: 0, ASED: 0. OPEN PIT RESCUE DRIL: 0.

PERMITS TO WORK: COLD WORK: 0, HOT WORK: 1, CONFINED SPACE: 0, RADIOACTIVE PERMITS: 0, DIESEL TRANSFER PERMIT: 0, LIFTING PERSONNEL PERMIT: 1, BUFFER ZONE: 0.

SAFETY TOPICS DISCUSSED: PRE-USE INSPECTION OF VEHICLES AND HANDLING TOOLS. DISCUSSED ABOUT SAFE LIFTING PROCEDURE. DISCUSSED FIRE EMERGENCY & RESPONSIBILITY. DISCUSSED CORRECT USING OF SLIPS. CONTINUE HOUSEKEEPING AT RIG FLOOR, SUB BASE & CAMP AREA. UNSAFE ACT AND BEHAVIOR/ SWA. ARAMCO LIFESAVING RULE. FOLLOW ALL TRAFFIC SAFETY RULES.

HSE ALERT: 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION. REEL-SAFE 02-26 - ANKLE INJURY WHILE RIH.

======RENTAL EQUIPMENT======
- 2 X 500 BBLS SLB FRAC TANK WITH AGITATOR ON LOCATION SINCE 12/12/2025 05:00.
- WFD 4-3/4" H-JAR S/N# 14207647 ON LOC 1/22/26 @ 18:00... P/U @ 00:00 01/24/26 ---- L/D @ 07:00 1/27/26.
- WFD 4-3/4" H-JAR S/N# 1420-7555 ON LOC 1/26/26 @ 18:00... P/U L/D @ 12:30 1/27/26 ----

- HALLIBURTON MUD LOGGING FULL PACKAGE ON LOCATION SINCE DECEMBER 12/30/25.

========DIRECTIONAL DATA==============
SLB SENSOR OFFSETS (FROM BIT): GAMMA @ 6.69' / D&I @ 7.59' / DIRECTION @ 9,69', IMPULSE RES @ 31.06.

=======NEXT LOCATION======
- HRDH-2481.

======VISITORS======

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
95 PCF	1	0API	58	630 Volts	5.95	0	36,200
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.2HTHP	19	15	0	8 / 10	RELIANT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
72	0	36	23	7 / 8	0	0	1.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
95 PCF	1	0API	58	615 Volts	5.95	0	36,200
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	1.4HTHP	19	15	0	8 / 10	RELIANT	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
68	0	35	23	7 / 8	0	0	2.8

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
13RR	16,114	16,633	DP Av	DC Av	Bit HHP	N/A	N/A	M333	5.875	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**

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LIMITED MORNING REPORT

HRDH-2680 DEVELOPMENT DRILLING BI-60

11/05/2025 - 02/03/2026

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N/A	N/A	N/A	2	3	BT	A	X	Serial Numl SA00416	Type MR613C	Jets 3 x 14 /
								Gauge 0	Other	POOH Reas
TFA 0.451										

Bit Number 14	MD In 16,633	MD Out 16,670	Run Footag	Hours	Average RC	WOB 4	RPM 70	IADC M425	Size 5.875	Manufactur SEC
Pressure 2,660	GPM 230	Jet Vel 165	DP Av 304.46	DC Av N/A	Bit HHP 41	I-Row N/A	O-Row N/A	DC N/A	Location N/A	Bearings N/A
Serial Numl 14478090	Type EM65D	Jets 2 x 10 / 2 x 11	TFA 0.449							
Gauge N/A	Other	POOH Reas								

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		49.7
Shock Sub Serial	Shock Sub Hrs 49.7	Mud Motor Seria	Mud Motor Hrs				

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	2.7	325	340	310	6,000		2.7
Shock Sub Serial	Shock Sub Hrs 2.7	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
18	Drillpipe	RIG	4	225	4	3.34	7,061.96	7,347.41	XT39	XT39	14	144,174.459	XD105	PREM	TALLY
17	Heavy Weight Drillpipe (HWDP)	RIG	4	3	4	2.562	93.84	285.45	XT39	XT39	25.1	45,307.019		CONV	TALLY
16	Hydraulic Jar	WJS	4.75	1	4.75	2.25	31.08	191.61	XT39	XT39	1,200	42,951.635			1420-7555
15	Heavy Weight Drillpipe (HWDP)	RIG	4	2	4	2.562	62.55	160.53	XT39	XT39	25.1	5,655.635		CONV	RIG
14	Crossover	RIG	4.75	1	4.75	2.25	2.38	97.98	NC38	NC38	24	4,085.63			NAP-5850-10
13	Float Sub	SDM	4.812	1	4.813	1.875	1.53	95.6	NC38	NC38	24	4,028.51			17715-3
12	Filter Sub	SDM	4.812	1	4.813	2.125	6.02	94.07	NC38	NC38	24	3,991.79			475-1068
11	Float Sub	SDM	5	1	5	2.125	1.72	88.05	NC38	NC38	24	3,847.31			6790-3
10	Stabilizer	SDM	5.875	1	4.75	2.25	4.84	86.33	NC38	NC38	58	3,806.03			1017
9	Non Magnetic Drill Collar (NMDC)	SDM	4.75	1	4.75	2.25	24.75	81.49	NC38	NC38	45	3,525.31		SPRL	7530112X
8	Stabilizer	SDM	5.875	1	4.75	2.25	1.5	56.74	NC38	NC38	46	2,411.56			NTS-SA30823
7	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		32.14	55.24			50	2,342.56			ZC768171
6	Saver Sub	SDM	5.062	1	5	3	1.5	23.1	NC38	NC38	24	735.56			OFS-23790
5	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		5.89	21.6			50	699.56			75373111
4	Saver Sub	SDM	5.062	1	5	3	0.9	15.71	NC38	NC38	24	405.06			NTS-29315
3	Stabilizer	SDM	5.875	1	4.75	2.25	1.29	14.81	NC38	NC38	58	383.46			NTS-39367
2	RSS	SDM	4.75	1	4.75		12.86	13.52			24	308.64			75432515
1	Bit	SEC	5.875	1	5.875		0.66	0.66				0			14478090

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	1/23/2026	NORMAL	N/A	SEASONAL	643	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	RZT	SDM	RIG	OES	SMI	SDM	HMS	RIG	ARM	MI2	OTH	ARM	SEC
Category	CTRG	DPDS	RIG	DFMS	DFMS	LWD	MLS	OTHR	OTHR	SCS	VAC	WSC	BITS
No. of Persons	16	1	42	1	1	1	4	6	2	2	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	12
Operating Hours.	0	12	24	12	12	12	24	12	12	12	12	24	12

Total 80

TRUCKS/BOATS

Standby/Tankers
E626

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	610	121	20	870

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HRDH-2495 DEVELOPMENT DRILLING BI-60

12/18/2025 - 02/22/2026

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SND-2016 @ HRDH-2495 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2016
Well: HRDH-2495
Wellbores: (0) HRDH_2495_0

Charge #: (66-25058-2495)
Wellbores: (0) HRDH_2495_0

Objective : (MK-1 "S-SHAPE TARGETING WELL UNYZ-B/C RESERVOIR AS A PRIMARY TARGET AND UNYZ-A AS A SECONDARY TARGET)

Foreman(s) HARTHI, HUSSAIN AHMAD / KACED, TAREK
Engineer ALJEHAIRAN, FAISAL IBRAHIM
Manager SAMARKANDY, ABDULRAHMAN SAMEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4391	0135767895	0135767806

CONTRACTOR /CLERK VSA T: 0135767838

Last 24 hr operations
DIRC DRILL 8-3/8" HOLE SECTION, SHUT IN THE WELL, KILL THE WELL.

Next 24 hr plan
CONT. KILL THE WELL, FLOW CHECK, DIRC DRILL 8-3/8" HOLE TO 7" LINER POINT @ +/- 11,742' FT MD / 11,717' TVD, (10 FT INTO KFBC).

Location: SOUTH-WEST OF HRDH FIELD
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,210	9 5/8	9800	9800				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9810	27.5 (12/31/2025@1800)	100	390	280	280

Formation Tops

Formations	Top Depth	Comments
RUS	334	
UMER	481	
ARUM	1,200	19' SHALLOWER THAN PROGNOSIS
LAMS	1,575	402' SHALLOWER THAN PROGNOSIS
AHMD	2,380	32' SHALLOWER THAN PROGNOSIS
SFNY	2,700	12' DEEPER
SHUB	3,530	32' SHALLOWER
BYDH	3,750	23' SHALLOWER
MDTM	4,900	32' SHALLOWER
SULY	5,490	2" DEEPER
HITH	6,080	37' SHALLOWER
ABAR	6,490	70' SHALLOWER
ABBR	6,610	78' SHALLOWER
ABCR	6,720	5' DEEPER
ABDR	7,030	
BADR	7,350	18' DEEPER
UHFR	7,605	34' SHALLOWER
HDRR	8,030	49' DEEPER
BHDR	8,290	60' DEEPER
DHRM	8,500	
BUFR	8,570	
BLFR	8,670	55 ' DEEPER
HURN	9,070	48' SHALLOWER
MRRT	9,190	30' SHALLOWER
MNJR	9,280	88' SHALLOWER
JILH	9,470	43' SHALLOER
JLDM	9,650	35' SHALLOWER
BJDM	9,780	42' SHALLOER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 2345	18.75	0	8 3/8	N	DRLG	D	RSS	SDM	9820	10210			RSS DIR. DRILL 8-3/8" HOLE SECTION WITH SLB RSS/MWD-GR BHA WITH 130 PCF OBM & FULL RETURNS. >> LAST SURVEY AT 10.145': INC 9.32 DEG, AZI 248.31 DEG, TVD @ BIT 10.206'. >> FOLLOW GAS WELLS INTEGRATED HORIZNTAL HOLE DRILLING PRACTICES. >> FOLLOW HRDH-2495 L0 P1.1 12NOV25 EB AS DIRECTIONAL PLAN. >> ADJUST PARMETER DUE TO ERRATIC TORQUE.
2345 - 0100	1.25	0	8 3/8	N	DRLG	WCNT	NA	RIG	10210	10210			OBSERVED FLOW OUT % INC AND PIT GAIN WHILE DRILLING & IMMEDIATELY SHUT IN THE WELL AS PER ARAMCO WELL CONTROL PROCEDURE. - GOT LEL ALARM INDICATES 30% LEL. - GAIN: 3 BBL. - SICP 290 PSI, SIDPP 390 PSI.
0100 - 0300	2	0	8 3/8	N	KILL	KILL	MPMP	RIG	10210	10210			PREPARE KILL MUD OF 136 PCF.
0300 - 0330	0.5	0	8 3/8	N	KILL	PJSM	NA	RIG	10210	10210			HPJSM WITH ALL RIG PERSONNEL DISCUSSING THE OPERATION SEQUENCE, ROLES, HAZARDS & MITIGATION.
0330 - 0459	1.5	0	8 3/8	N	KILL	CIRC	MPMP	RIG	10210	10210			KILL THE WELL WITH W & W METHOD BY 136 PCF OBM.... ON GOING @ RPT.

Foreman Remarks

HRDH-2495 IS A MK-1 "S-SHAPE WELL TO BE DRILLED IN THE SOUTH-WEST OF HRDH FIELD TARGETING WELL UNYZ-B/C RESERVOIR AS A PRIMARY TARGET AND UNYZ-A AS A SECONDARY TARGET. THE WELL WILL BE DRILLED TO TD AT 13,813 FT MD/ 13,788 FT TVD (150 FT TVD INTO PUZU). THE WELL WILL BE COMPLETED WITH 15K CEMENTED LINER OR PCLS.
==========ARAMCO PERSONNEL==========
- ARAMCO MATERIAL EXPEDITOR, ABDULAZIZ ALZAHRANI BADGE #8529960 ON LOCATION 01/14/2026.
- ARAMCO DOECD SR. FCT ANAS HOMMADI #295394 ON LOCATION 1/20/2026.
- NGGDD FCT OMAR ALZUWAIDI #796602 ON LOC 1/22/26.
========== ARAMCO SERVICE PERSONNEL & EQUIPMENT ==========
> OES MUD ENG ON LOCATION.
==========SAFETY==========

LIMITED MORNING REPORT

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HRDH-2495 DEVELOPMENT DRILLING BI-60

12/18/2025 - 02/22/2026

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HSE DISCUSSION: HSE ALERT 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
- DRILL: 02 FIRE DRILL.
==========RENTAL EQUIPMENT==========
> 2 X HES BARITE SILO START CHRGING @ 01/14/2026.
> REC'D TASMAN 6-1/2" #DJ6-650-832 ON 01/24/26 AT 18:00 HRS. P/U 01/26/26 @ 23:30
> REC'D WFD 6-3/4" PBL #OSC675SBP510 ON 01/24/26. P/U 01/26/26 @ 23:30
==========SND-2016 TOOLPUSHERS==========
- DAY: M'HAMMED NIGHT: ASHMAWY
==========NEARBY RIGS & SITES==========
- SITE-34 TEL# 838-9797
- CONSTR. SITE WELL HRDH-2168 TEL#055-9917544
- CONSTR. SITE WELL HRDH-2357 TEL#050-7730824 / 053-8142366
==========NEXT LOCATION==========
- NEXT WELL: HRDH-2422, 100 % READY AS PER WELLSITE, VISIT ON 01/19
==========RIG VISIT ==========
- SANAD RIG SUPERINTENDENT,KENETH VISITED RIG ON 12/17, 12/18, 12/25, 12/26, 12/31, 01/10.
- SANAD RIG SUPERINTENDENT,YASSER ALAISH VISITED RIG ON 01/06, 01/07, 01/10-14-15-16-19/26, 01/27/26.
- NGGDD HSE COORDINATOR ANTHONY ELLIOTT VISITED THE RIG 1/11/2026.
- OES MUD SUPERVISOR #7287464 VISIT RIG ON 01/05/2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	9,861	0.35	23.82		9,857	13.84	62.38	209.65	2.3
0	9,957	2.31	263	96	9,953	13.85	61.84	207.9	2.61
0	10,052	6.21	254.78	95	10,047	13.36	59.74	200.86	4.14
0	10,145	9.32	248.31	93	10,140	12.11	56.13	188.4	3.47

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
130 PCF	1	0API	51	490 Volts	5.5	0	13,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
115	1.8HTHP	9	13	0	8 / 11	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
64	0	48	40	7 / 8	0	10,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
130 PCF	1	0API	51	480 Volts	5.5	0	13,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	1.8HTHP	9	14	0	8 / 11	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	49	40	7 / 8	0	10,000	0

MUD TREATMENT

BARITE	MRBL-M	LIGN	CACO3-50	CAOH2	SEC-EMULS
2 (5000L)	1 (2200L)	24 (55LB)	15 (50LB)	30 (50LB)	1 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5.5	1	5.5	4.67	6,782.26	7,307.84	XT54	XT54	24.7	193,572.544	CYX105	PREM	RIG
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	5	5.5	3.25	155	525.58	XT54	XT54	53.3	26,050.722		CONV	RIG
12	Hydro-Mechanical Jar	TO1	6.88	1	6.75	2.625	30.25	370.58	XT54	XT54	85.71	17,789.222			1400-1330
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	188	340.33	XT54	XT54	53.3	15,196.495		CONV	RIG
10	Crossover	RIG	4.75	1	4.75	2.375	53	152.33	NC38	NC50	29.5	5,176.095			7694-26
9	PBL (Multiple Activation By Pass)	WWB	4.75	1	4.75	3	7.83	99.33	NC50	NC50	29.5	3,612.595			675SBP510
8	FIlter Sub	SDM	4.75	1	4.75	2	6.18	91.5	NC50	NC50	29.5	3,381.61			675-1030
7	Float Sub	SDM	4.75	1	4.75	2.125	2.98	85.32	NC50	NC50	29	3,199.3			1479-1-1
6	Non Magnetic Drill Collar (NMDC)	SDM	4.75	1	4.75	2.25	26.6	82.34	NC38	NC38	29.5	3,112.88		SPRL	9941
5	Stabilizer	SDM	5.875	1	4.75	2.25	1.58	55.74	NC38	NC38	48	2,328.18			1027
4	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		31.95	54.16			38	2,252.34			N004767
3	Power & Communication Sub	SDM	4.75	1	4.75	2.25	8.21	22.21	NC38	NC38	48	1,038.24			78329
2	RSS	SDM	4.75	1	4.75	3.64	13.42	14	NC38	NC38	48	644.16			SN220137
1	Bit	REED	8.375	1	8.375		0.58	0.58				0			13870633

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	N/A	HIGH	N/A	COLD	573	YES

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	BAR	OES	XLG	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	DFMS	MLS	OTHR	OTHR	WSC
No. of Persons	16	45	1	1	3	16	3	2
Personnel on Loc. Hrs.	24	24	24	24	0	24	24	24
Operating Hours.	0	24	12	12	0	12	12	24

Total
87

LIMITED MORNING REPORT

HRDH-2495 DEVELOPMENT DRILLING BI-60

12/18/2025 - 02/22/2026

TRUCKS/BOATS	Standby/Tankers						
	b971						
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX	
	N/A	N/A	666	286	106	1800	
REPAIR ASAP	Instrumentation	Other					Reporter
	Computer, Communication & V-Sat Issues						
	OFFLINE PALO ALTO DEVICES & LEO NOT WORKING.						

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LIMITED MORNING REPORT

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HRDH-5000 DEVELOPMENT DRILLING BI-60

01/26/2026 - 04/09/2026

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SND-2017 @ HRDH-5000 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-2017 Well HRDH-5000 Wellbores: (0) HRDH_5000_0	Charge #: (66-25058-5000) Wellbores: (0) HRDH_5000_0	Objective : (MK-1 VERTICAL EVALUATION/DELINEATION WELL TARGETING UNYZ-A AND UNZ-B/C)	Foreman(s) TAMENE, BRAHIM / DREES, AHMED MOHAMMED Engineer ALABDULWAHHAB, SAAD HAMAD / ALQAHTANI, SAAD ABDULLAH Manager SHEHRI, ABDULLAH NAEM RIG FORMAN VSAT 0135773223 / OTHER VSAT 0138049667 / CONTRACTOR /CLERK VSAT 0135763338

Last 24 hr operations	Next 24 hr plan
RD ON HWYH-1502, RIG MOVE AND RU ON HRDH-5000.	RD ON HWYH-1502, RIG MOVE AND RU ON HRDH-5000.

Location	Next Location
5 KM ON YABREEN ROAD.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	289	289

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	OTH	NA	RIG	0	0			HPJSM, DISCUSS RIG MOVE ACTIVITIES PROCEDURES AND HAZARD ASSOCIATED WITH ALL INVOLVED PERSONNEL. - RIG DOWN ON HWYH-1502, RIG MOVE TO HRDH-5000. CONT. DISMANTLES MAST AND SUB BASE. RD RTRY TABLE. RD CENTER BEAMS. RM VFD ROOM. RM RIG ENGINES. RM DIESEL TANKS. RM DRAWWORKS. RM SPARE PARTS STORAGE. MISCELLANEOUS WORK & HOUSEKEEPING. - RIG MOVE LOADS: PRE-RIG MOVE: 77 LOADS. TODAY: 25 LOADS. TOTAL ACTUAL / PLANNED LOADS: 158/230 LOAD. - RIG MOVE SUMMARY: RIG DOWN 70% RIG MOVE 50% RIG UP 20%

Foreman Remarks

HRDH-5000 IS PLANNED TO BE DRILLED AS MK-1 VERTICAL EVALUATION/DELINEATION WELL TARGETING UNYZ-A AND UNZ-B/C TO 150FT INTO PUZU. THE WELL WILL BE COMPLETED WITH A 15K CEMENTED LINER.
---------- -- ARAMCO PERSONNEL ON LOCATION ----------
- MATERIAL EXP. ABDULLAH ALMOSLIM #825139 OFF LOCATION SINCE 23 JAN 2026.
- MATERIAL EXP. ALI T. ALSULIMAN (MC) #815561 ON LOCATION SINCE 22 JAN 2026.
- FCT HAMZA AHMED AL MULLA #827330 OFF LOCATION SINCE 22 JAN 2026.
- FCT MOHAMMED ALSADUN # 764539 OFF LOCATION SINCE 23 JAN 2026
----------THIRD PARTY PERSONNEL ----------
- EMEC MUD ENGINEER ON LOCATION.
---------- RIG VISIT ----------
- N/A
----------RIG PERSONNEL SHORTAGE----------
- N/A
----------RENTAL TOOLS----------
-N/A
----------HSE----------
PRE-TOUR MEETING TOPIC :- RIG MOVE SAFE WORK PROCEDURE & WRIGHT TOOLS FOR RIGHT JOB.
PROCEDURE OF THE WEEK :- JOURNEY MANAGEMENT AND ROAD SAFETY.
HSE CAMPAIGN :- SLIP TRIP & FALL / HAND AND FINGER INJURY.
ARAMCO SAFETY ALERTS FOR THE WEEK / HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
==========
DRILLS: 1 X SWAD.
NEAR MISS: NA.
INCIDENT: NA.
----------AUDIT----------
RHSEI TOTAL 30 FINDINGS 1 OPEN
WCI TOTAL 7 FINDINGS 0 OPEN
---------- VACUUM TRUCKS ----------
DRSS# 3000373152
PLATE # UAA8612....UAA8905...XRA2795...XRA2780
#DRSS#3000375830
PLATE # LRA 7441.... UAA 8637... TDA 1291... XRA2794
#DRSS 3000375833

Username: YUAYANAL
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LIMITED MORNING REPORT

HRDH-5000 DEVELOPMENT DRILLING BI-60

01/26/2026 - 04/09/2026

PLATE # DEB 8433... DEB 8178... XRA 2832...DEB8150
==========NEXT LOCATION==========
NA

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	SAND STORM	496	2 X PRETOUR

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	RO4	MJH	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	SEC	OTHR	OTHR	WSC
No. of Persons	17	46	1	8	124	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	12	24	12	12	24

Total
199

TRUCKS/BOATS

Standby/Tankers	Others
RIG TRUCK B991	RIG AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	207	148	69	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HRDH-2490 DEVELOPMENT DRILLING BI-60

11/24/2025 - 02/16/2026

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SND-2018 @ HRDH-2490 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2018
Well: HRDH-2490
Wellbores: (0) HRDH_2490_0

Charge #: (66-25058-2490)
Wellbores: (0) HRDH_2490_0

Objective : (S-SHAPE WELL WITH MK-1 DESIGN, TARGETING KHUFF-C RESERVOIR)

Foreman(s): KHURAIM, ALHASSAN HUSSAIN / RERBAL, SOFIANE
Engineer: ALJAAFRI, MOHAMMED ABDULRAHMAN / BIN SAAD, SARAH AHMED
Manager: MARRY, MOHAMMAD JABER

RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
013-577-99 32	013-577-99 35

Last 24 hr operations: ROTARY DRILL 5-7/8" SECTION

Next 24 hr plan: ROTARY DRILL 5-7/8" SECTION TO +/- 13975' (150' INTO PUZU)

Location: 13 KM SOUTH OF HARADH GAS PLANT

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
13,265	9 5/8	10334	10086	7	10,024	12,617	12,367

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12800	47.7 (12/11/2025@1115)	100	465	265	265

Formation Tops

Formations	Top Depth	Comments
RUS	291	
UERA	408	
UMER	500	53' DEEPER
ARUM	1,255	29' SHALLOWER
AHMD	2,585	5' SHALLOWER
SFNY	2,910	14' DEEPER
SHUB	3,710	32' SHALLOWER
BYDH	4,000	15' SHALLOWER
SULY	5,720	1' SHALLOWER
HITH	6,350	13' SHALLOWER
ABAR	6,838	16' SHALLOWER
ARBB	6,889	20' SHALLOWER
ABBR	6,967	23' SHALLOWER
ARBC	6,998	21' SHALLOWER
ABCR	7,143	11' SHALLOWER
ARBD	7,256	24' SHALLOWER
PADS	7,387	14' SHALLOWER
BPDS	7,393	16' SHALLOWER
ABDR	7,400	15' SHALLOWER
BADR	7,709	20' SHALLOWER
HNIF	7,892	7' DEEPER
UHFR	7,907	6' DEEPER
TQMN	8,229	9' DEEPER
HDRR	8,263	12' DEEPER
BHDR	8,450	1' SHALLOWER
DHRM	8,647	5' DEEPER
LFDR	8,704	5' DEEPER
BLFR	8,827	2' DEEPER
HURN	9,333	1' SHALLOWER
MRRT	9,434	7' SHALLOWER
JILH	9,778	27' DEEPER
JLDM	9,920	24' SHALLOWER
BJDM	10,058	34' SHALLOWER
MDJR	10,319	15' SHALLOWER
SUDR	11,071	16' SHALLOWER
SDDM	11,388	8' SHALLOWER
BSRD	11,418	12' SHALLOWER
KHFF	11,732	26' SHALLOWER (KA4)
KFAC	11,757	23' SHALLOWER (KA3)
KFAR	11,797	23' SHALLOWER (KA2)
KHFA	11,825	19' SHALLOWER (KA1)
KFBC	11,871	25' SHALLOWER (KB3)
KFB1	11,934	24' SHALLOWER (KB1)
KFCC	12,358	24' SHALLOWER (KC4-B)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	5 7/8	N	DRLG	D	TDS	RIG	12800	13265			ROTARY DRILL 5-7/8" HOLE W/ 97 PCF INNOVERT OBM TO 13200' ...ONGOING > PUMP SEAL PILL BEFORE CONNECTION. > FOLLOW VERTICAL BEST CONNECTION PRACTICES.

Foreman Remarks

HRDH-2490 IS PLANNED TO BE DRILLED AS A S-SHAPE WELL WITH MK-1 DESIGN, TARGETING KHUFF-C RESERVOIR. IT WILL BE DRILLED TO A TOTAL DEPTH OF 13,975FT MD (I.E. +/- 150FT INSIDE PUZU FORMATION). THE WELL IS LOCATED ON THE EASTERN SIDE OF THE CENTRAL HRDH FIELD AND WILL BE TIED-IN TO HARADH GAS PLANT. THE WELL WILL BE COMPLETED WITH 4 1/2" 15K CEMENTED LINER OR PCLS.

======= ARAMCO PERSONNEL ON BOARD==========
- ARAMCO ME HUSSAIN A ALSAQER #818673 ON LOC 01/22/2025 .
- ARAMCO ME FAISAL A ALDERAAN #816337 OFF LOC 01/25//2026
- ARAMCO PDP ABDULLAH D ALAJMI #840128 ON LOC 01/24/2026
- ARAMCO FCT HAMAD M ALZANATI #824866 ON LOC 01/22/2026.

LIMITED MORNING REPORT

HRDH-2490 DEVELOPMENT DRILLING BI-60

11/24/2025 - 02/16/2026

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=====THIRD PARTY PERSONNEL & EQUIP ON LOCATION=====
- EMEC MUD ENG.
- SLB MWD ON LOCATION
- BAROID MUD ENG ON LOCATION.
- EXLOG CREW & UNIT ON LOCATION.
===== RENTAL TOOLS===============
- RECIEVED 4 3/4" JAR SN: DJ6-500-163 ON 01/23/2026
- RECIEVED 5" PBL CORETRAX ON 01/23/2026
===== RIGS & FACILITIES WITHIN RER ====
- N/A
============ HSE ===============
- RHSEI: 43 TOTAL ** CLOSES ** OPEN ITEMS
- WCI: 5 TOTAL , 2 OPEN ITEMS
- GAP: N/A
- LPD: 19 TOTAL, 19 CLOSED
DRILLS: 1X PIT
NEAR MISS= 0.

MEETING TOPICS:
DISCUSSED WITH ALL CREW:
ARAMCO LIFE SAVING RULE CAMPAIGN: RULE #7. USE THE REQUIRED PPE FOR YOUR JOB
SANAD 10 RULES TO LIVE BY RULE: #4. OBTAIN AUTHORIZATION BEFORE ENTERING A CONFINED SPACE
PROCEDURE OF THE WEEK : JOURNEY MANAGEMENT AND ROAD SAFETY
LESSON LEARNED OF THE WEEK (OPERATIONS / HSE ALERT) : ANKLE INJURY WHILE RIH
WEEKLY FOCUS AREAS AUDIT CHECKLIST: CRITICAL SAFETY FOCUS AREAS- LEADERSHIP ACCOUNTABILITY

=========TANKERS==============
- 05 TANKER FOR EMPTY WASTE PI ON LOCATION
==========NEXT LOCATIONS=======================
- NEXT LOCATION HRDH-2647 - 100 % READY .

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	12,851	1	254.7	99	12,603	243.74	-349.55	1,398.09	0.15
0	12,950	2.07	257.57	99	12,702	243.55	-350.34	1,399.86	1.09
0	13,038	2.11	253.82	88	12,790	243.31	-351.28	1,401.96	0.16
0	13,134	2.13	250.24	96	12,886	242.98	-352.31	1,404.11	0.14

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
97 PCF	2	0API	60	560 Volts	6.3	0	23,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	0.8HTHP	16	16	1	9 / 11	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	40	24	7 / 8	0	0	1.6

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
97 PCF	2	0API	60	620 Volts	6.3	0	23,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
120	1HTHP	16	16	1	8 / 12	INOVRT	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
68	0	41	24	7 / 8	0	0	2.8

MUD TREATMENT

CACO3-50	CACO3-5	BDF 513	VG6	CAOH2	STELSL50	STELSEALFN
70 (55LB)	70 (55LB)	4 (50LB)	60 (55LB)	50 (55LB)	40 (55LB)	40 (55LB)
MRBL-M	**MRBL-M**					
2 (2200L)	100 (55LB)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
7	12,620	13,265	DP Av	DC Av	Bit HHP	12	130	M432	5.875	REED
Pressure	**GPM**	**Jet Vel**	304.46	471.62	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,000	230	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S307462	DS713M1A	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	48	320	360	320	6,500		2
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
13	Drillpipe	RIG	4	108	4	3.34	3,385	4,708.44	XT39	XT39	14	63,389.465	XD105	PREM	
12	Heavy Weight Drillpipe (HWDP)	RIG	4	15	4	2.563	469.39	1,323.44	XT39	XT39	28	15,999.465		CONV	

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LIMITED MORNING REPORT

HRDH-2490 DEVELOPMENT DRILLING BI-60

11/24/2025 - 02/16/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
11	Drillcollar	RIG	4.75	3	4.75	2.25	93	854.05	NC38	NC38	0	2,856.545		SPRL	
10	Hydro-Mechanical Jar	CTC	5	1	5	4.276	30.86	761.05	VAM-EIS NC50	VAM-EIS NC50	19.5	2,856.545	G105	PREM	04500163
9	Drillcollar	RIG	4.75	21	4.75	2.25	640	730.19	NC38	NC38	0	2,254.775		SPRL	
8	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20.75	90.19	NC50	NC50	27.7	2,254.775			300096
7	Roller Reamer	RIG	5.875	1	4.75	1	5.27	69.44	NC38	NC38	0	1,680		3 POINT	TALLY
6	FIlter Sub	SDM	4.75	1	4.75	2.125	6.01	64.17	3 1/2 REG	3 1/2 REG	0	1,680			AS PER TALLY
5	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		33.6	58.16			50	1,680			TALLY
4	Roller Reamer	RIG	5.875	1	4.75	1	5.25	24.56	NC38	NC38	0	0		3 POINT	TALLY
3	Pony Collar	RIG	0	1			15.15	19.31			0	0			TALLY
2	Bit Sub	RIG	4.75	1	4.75	2.25	3.61	4.16	XT39	3 1/2 REG	0	0			TALLY
1	Bit	REED		1	5.875		0.55	0.55				0			S307462

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/25/2026	N/A	N/A	N/A	N/A	433	N/A

PERSONNEL AND SERVICES INFORMATION

Company	RZT	SDM	RIG	BAR	EMC	XLG	RIG	ARM	ARM
Category	CTRG	DPDS	RIG	DFMS	DFMS	MLS	OTHR	OTHR	WSC
No. of Persons	16	2	39	1	1	4	13	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	24

Total
81

TRUCKS/BOATS

Standby/Tankers
ARAMCO CAR B910

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	232	297	10	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

AWTD-18 DEVELOPMENT DRILLING BI-60

11/19/2025 - 02/17/2026

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SND-2019 @ AWTD-18 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SND-2019	(66-24508-0018)	(MK-1 VERTICAL 200FT INTO BUZA WITH SIDETRACK OPTION)	HAFSAOUI, MOHAMMED / RAHMANI, LALMI VOLKOV, DMITRIY SERGEYEVIC NAJIM, KHALID YOUSEF
Well: AWTD-18	Wellbores: (0) AWTD_18_0		
Wellbores: (0) AWTD_18_0			

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 2815	013-577320 7	013-577324 4

Last 24 hr operations
DRILL 5-7/8" HOLE SECTION TO TD +/- 14,932' (200' INTO BUZA),CIRCULATED HOLE CLEAN.

Next 24 hr plan
PERFORM WIPER TRIP, CHC, POOH W/5-7/8" ROT DRLG BHA TO SURFACE, RUN W/ HALL OPEN HOLE LOGS AS PER PROGRAM.

Location
26 KM F/ HRDH TO BRIDGE/ KHARJ ROAD. T/R TO AWTD BLACKTOP 45 KM. T/R TO SKID ROAD 30 KM TO AWTD-18

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,932	9 5/8	10790	10790	7	10,447	14,240	14,240

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14526	49.5 (12/09/2025@1700)	100	406	267	279

Formation Tops

Formations	Top Depth	Comments
KFBC	13,130	6 FT DEEPER
KFCC	13,570	76 FT SHALLOWER
KFDA	13,890	38 FT SHALLOWER
BKDC	14,386	2 FT DEEPER
PKFU	14,443	1 FT DEEPER
UNA2	14,559	8 FT DEEPER
BUZA	14,732	4 FT DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1215	7.25	0	5 7/8	N	DRLG	D	TDS	RIG	14526	14640			ROTARY DRILL 5-7/8" HOLE WITH WFD MWD/GR .USING 89 PCF OBM & FULL RETURN. > PUMP 30 BBLS SEALING PILL EVERY 45' DRILLED. > TAKE SURVEY EVERY STAND DRILLED. > FLOW CHECK EVERY CONNECTION.
1215 - 1300	0.75	0	5 7/8	N	DRLG	RR	TDS	RIG	14640	14640			RIG SERVICE.TDS & CLEAN RIG FLOOR.
1300 - 1400	1	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	14640	14640			SWEEP HOLE W/ B40 BBLS HI-VIS & CIRCULATE HOLE CLEAN.
1400 - 0230	12.5	0	5 7/8	N	DRLG	D	TDS	RIG	14640	14932			ROTARY DRILL 5-7/8" HOLE SECTION W/ WFD (MWD/GR) TOOLS TO TD 14,932' (200FT INTO BUZA) WITH 89 PCF OBM - 100% CIRC. > GOC PICKED UP BUZA AT 14,732 FT MD . > FOLLOW INTEGRATED VERTICAL HOLE CONNECTION PRACTICES. > TAKE MWD SURVEY WITH 30 FT OFF BOTTOM. > PUMP SWEEPS AS NEEDED. > FLOW CHECK WHILE CONNECTION.
0230 - 0459	2.5	0	5 7/8	N	DRLG	CIRC	MPMP	RIG	14932	14932			SWEPT HOLE & CIRCULATED HOLE CLEAN...INC@RPT.

Foreman Remarks

========== WELL OBJECTIVE==========
AWTD-18 WELL WILL BE DRILLED AS A MK-1 DELINEATION VERTICAL PILOT HOLE IN SOUTH OF AWTD FIELD (200 FT INTO BUZA). BASED ON OPEN HOLE LOGS, PRESSURE AND SAMPLING POINTS RESULTS, THE WELL WILL EITHER BE COMPLETED WITH 4 1/2" 15K CEMENTED LINER, OR SIDETRACKED AND COMPLETED WITH SAND SCREENS.
==========JOURNEY MANAGEMENT==========
> 26 KM FROM HRDH TOWN TO BRIDGE/ KHARJ ROAD. TURN RIGHT TO AWTD BLACKTOP 45 KM. TURN RIGHT TO SKID ROAD 30 KM TO AWTD-18
> NIGHT DRIVING IS PROHIBITED. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
==========ARAMCO PERSONNEL==========
> ARAMCO MATERIAL EXPIDTOR AHMED ALWABARI #820878 ON COURSE FROM 01/25/2026.
> ARAMCO FCT ABDULAZIZ ALSHWAIRED ID# 764545 ON LOCATION SINCE 01/19/2026.
> ARAMCO MATERIAL EXPEDITOR HASSAN ALHELAL #821713 ON LOCATION SINCE 1/26/26.
> ARAMCO FCT ALI ALHELAL ID# 826854 ON LOCATION SINCE 01/27/2026.
========== WELL SECTIONS ==========
> 28" SECT: 1,294' TO 50' INTO ARUMA / ACTUAL:1,260'.
> 22" SECT: 2,267' TO 50' INTO AHMADI / ACTUAL: 2,315'
> 16" SECT: 4,785' TO 50' INTO MDTM / ACTUAL: 4,770'
> 12" SECT: 10,936' TO 30' INTO BJDM / ACTUAL: 10,790'
> 8-3/8" SECT: 14,278' TO 350' TVD INTO KFDA / ACTUAL:14,240'
> 5-7/8" SECT: 14,928' TO 200' TVD INTO BUZA / ACTUAL: 14,932'
========== RUN SPEED KPI VS ACTUAL ==========
> TRIPPING KPI: 18 STD/HR / ACTUAL: 18.
> 36" CSG KPI: 0.6 JTS/HR / ACTUAL: N/A
> 30" CSG KPI: 3 JTS/HR / ACTUAL: N/A
> 24" CSG KPI: 4 JTS/HR / ACTUAL: 5 JTS /HR
> 18-5/8" CSG KPI: 7 JTS/HR / ACTUAL: 9 JTS/HR.
> 13-3/8" CSG KPI: 11.5 JTS/HR/ ACTUAL: 13 JTS/HR.
> 9-5/8" CSG KPI: 14 JTS/HR/ACTUAL: 14 JTS/HR.
> 7" LINER KPI: 14 JTS/HR/ACTUAL: 15 JTS/HR.
> 4-1/2 LINER KPI: 13 JT/SHR / ACTUAL:
> 4-1/2" UPPER COMPLETION KPI: 13.5 JT/HR / ACTUAL:

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==========HSE==========
SAFETY MEETINGS WITH BOTH CREW AND DISCUSSED THE FOLLOWING:
> STOP WORK AUTHORITY AND STOP CARDS OF PREVIOUS SHIFT SHARED BY CREW MEMBERS.
- STOP CARD: 40.
- HSE ALERT: 01.
- DRILLS: 00.
==========RENTAL TOOLS==========
> SLB CENTRIFUGE ON RIG SINCE 12/23/2025.
> EXLOG MUD LOG CABIN ON RIG SINCE 12/23/2025.
> BAKER NEW FRESH VDA ACID 20% ON RIG SINCE 12/28/2025.
> TAQA 4-3/4" D-JAR, SN: DJ6-500-50 (XT-39) ON LOCATION 01/19/2026.
> TAQA 4-3/4" D-JAR, SN: DJ10-500-105 (3-1/2" IF) ON LOCATION 01/21/2026.
==========ASSIGNED WATER WELL==========
> MHWZ-816 @ 7.9 KM + AWTD-802 @ 9.4 KM.
========== NEXT LOCATION==========
> AWTD-203 (100% READY).
==========RIG VISIT ==========

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	14,539	1.19	313.36		14,536	41.48	-62.76	246.83	0.65
0	14,635	1.36	301.75	96	14,632	41.87	-63.28	248.95	0.32
0	14,727	1.63	285.18	92	14,724	42.15	-63.95	251.28	0.55
0	14,825	1.38	275.97	98	14,822	42.3	-64.72	253.66	0.35
0	14,888	1.37	272.29	63	14,885	42.34	-65.17	254.98	0.14

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
89 PCF	1	0API	62	610 Volts	6.33	0	16,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	1HTHP	18	14	0	10 / 16	INVER	1.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
59	0	32	20	9 / 10	0	0	5.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
89 PCF	0.8	0API	61	640 Volts	6.23	0	16,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	1HTHP	19	14	0	9 / 14	INVER	1.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	31	20	8 / 9	0	0	5.2

MUD TREATMENT

CARBOTROL	MAXSHIELD	STELSEALFN	STELSL50	CAOH2	PRIM-EMUL	MRBL-M
72 (50LB)	4 (55GL)	40 (50LB)	40 (50LB)	40 (55LB)	8 (55GL)	2 (2200L)
CACO3-50	**CACO3-25**	**OMNI-CTE**				
50 (55LB)	50 (55LB)	4 (55GL)				

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
8	14,240	14,932	DP Av	DC Av	Bit HHP	22	150	M333	5.875	SMT
Pressure	**GPM**	**Jet Vel**	350.79	543.39	26	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,300	265	127				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA01810	R613C	3 x 15 / 2 x 1(	0.671							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	53.8	328	330	329	4,900		53.8
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	4	108	4	3.34	3,385.72	4,789.59	XT39	XT39	14	75,685.158	S135	PREM	
13	Heavy Weight Drillpipe (HWDP)	RIG	4	15	4	2.563	469.25	1,403.87	XT39	XT39	25.16	28,285.078		CONV	
12	Crossover	RIG	4.75	1	4.75	2.25	2.69	934.62	NC38	XT39	99	16,478.748			NAP-8261-14
11	Drillcollar	RIG	4.75	3	4.75	2.25	93.25	931.93	NC38	NC38	99	16,212.438		SPRL	
10	Hydraulic Jar	CTC	4.75	1	4.75	2.25	31.76	838.68	3-1/2" IF	3-1/2" IF	0	6,980.688			DJ-10-500-105
9	Drillcollar	RIG	4.75	24	4.75	2.25	746.63	806.92	NC38	NC38	0	6,980.688		SPRL	RIG
8	FIlter Sub	WDS	5.688	1	4.719	2.25	5.7	60.29	NC38	NC38	99	6,980.688			SDT-18667
7	Float Sub	WDS	4.688	1	4.688	2.125	3.01	54.59	NC38	NC38	99	6,416.388			169922220-1-2
6	String Reamer	RIG	5.875	1	5.875	1.25	5.29	51.58	NC38	NC38	99	6,118.398			XM-3357
5	Measurement While Drilling (MWD)	WDS	4.75	1	4.75		19.67	46.29			169.52	5,594.688			AK260045
4	Roller Reamer	RIG	5.875	1	4.75	1.125	5.31	26.62	NC38	NC38	99	2,260.23		3 POINT	5001191-115
3	Pony Collar	RIG	4.75	1	4.75	2.25	15.06	21.31	3-1/2" IF	3-1/2" IF	99	1,734.54			5001191-116

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
2	Near Bit Roller Reamer	RIG	5.875	1	4.75	1.25	5.6	6.25	3 1/2 REG	NC38	43.5	243.6		3 POINT	XM-3551
1	Bit	SMT	5.875	1	5.875		0.65	0.65	3-1/2" REG			0			SA01810

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	01/20/2026	NORMAL	NA	COLD	354	DAILY CREW CHANGE MEETING

PERSONNEL AND SERVICES INFORMATION

Company	SBT	RZT	WDS	RIG	EMC	TUB	XLG	RIG	ARM	MI2	OTH	ARM
Category	BITS	CTRG	DPDS	RIG	DFMS	ISPCT	MLS	OTHR	OTHR	SCS	VAC	WSC
No. of Persons	1	15	2	49	2	4	4	3	2	1	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	12	24	12	24	12	12	24

Total
89

TRUCKS/BOATS

Standby/Tankers
aramco truck (b-970)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	1000	527	246	30	700

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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HRDH-2611 DEVELOPMENT DRILLING BI-60

12/15/2025 - 03/14/2026

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SND-2020 @ HRDH-2611 Limited Morning Report for 01/28/2026

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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2020
Well: HRDH-2611
Wellbores: (0) HRDH_2611_0

Charge #: (66-25058-2611)
Wellbores: (0) HRDH_2611_0

Objective : (MK-1 S-SHAPE TO 150FT INTO PUZU.)

Foreman(s): LEBCIR, MOHAMMED / MOHAMED, KHALED ISMAIL
Engineer: ALABDULJABBAR, ASEEL TARIQ / HAZOOM, AHMED ABDULADHEM
Manager: OMRAN, MOHAMMAD JAFFAR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2827	5773019	5773119

CONTRACTOR /CLERK VSA T: 5773117

Last 24 hr operations
RUN 9-5/8" CSG. SPACE OUT & LAND CSG HGR. PERFORM FIRST STAGE CMT JOB. DISPLACE CMT IN FIRST STAGE CMT JOB.

Next 24 hr plan
DISPLACE CMT IN FIRST STAGE CMT JOB. PERFORM SECOND STAGE CMT JOB. INSTALL HGR PACKOFF. N/D BOP. N/U THS & PT. N/U BOP & PT.

Location
40 KM AFTER HRDH BRIDGE, ACROSS ALSHAHAMA STATION TURN RIGHT.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,900	13 3/8	5776	5776				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10900	28.1 (12/31/2025@0330)	100	0	289	289

Formation Tops

Formations	Top Depth	Comments
RUS	680	13 FT SHALLOWER.
UMER	830	35 FT SHALLOWER
ARUM	1,600	196 FT SHALLOWER
LAMS	2,090	644 FT SHALLOWER
AHMD	3,090	80 FT SHALLOWER
SFNY	3,430	58 FT SHALLOWER
SHUB	4,260	96 FT SHALLOWER
BYDH	4,550	24 FT SHALLOWER
MDTM	5,730	22 FT SHALLOWER
SULY	6,285	14 FT SHALLOWER (6,284' TVD)
HITH	6,938	14 FT SHALLOWER (6,913' TVD)
ABAR	7,397	35 FT SHALLOWER (7,327' TVD)
ABBR	7,544	21 FT SHALLOWER (7,455' TVD)
ABCR	7,747	5 FT SHALLOWER (7,632' TVD)
ABDR	8,018	9 FT SHALLOWER (7,868' TVD)
BADR	8,341	4 FT DEEPER (8,151' TVD)
HNIF	8,637	14 FT SHALLOWER (8,413' TVD)
UHFR	8,669	SAME PLAN (8,441' TVD)
BUHR	8,864	23' DEEPER (8,613' TVD)
HDRR	9,062	4 FT DEEPER (8,790' TVD)
BHDR	9,320	SAME PLAN (9,028' TVD)
DHRM	9,552	5' DEEPER (9,246' TVD)
LFDR	9,615	7' DEEPER (9,305' TVD)
BLFR	9,730	4' DEEPER (9,420' TVD)
HURN	10,214	9 FT DEEPER (9,899' TVD)
MRRT	10,313	18 FT DEEPER (9,998' TVD)
MNJR	10,426	8 FT SHALLOWER (10,111' TVD)
JILH	10,554	2 FT SHALLOWER (10,239' TVD)
JLDM	10,724	8 FT DEEPER (10,409' TVD)
BJDM	10,867	4 FT DEEPER (10,552' TVD)

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1400	9	0	12	N	CSG	RCSG	CRT	MSD	10900	10900	5776	10849	RIH WITH 9-5/8" CSG 53.5# BARE & FBE IN OPEN HOLE FREELY TO 10,849 FT'. > TOTAL 267/270 JTS (56 JTS BARE 53.5# AM-95HCSS / AM-HBC-A, X.O, 75 JTS FBE 53.5# TN-95HS / 3SB, WFD DV ASSY., X.O & 131 JTS BARE 53.5# AM-95HCSS / AM-HBC-A , X-O, 2 JTS BARE 53.5# AM-95HCSS). > FILL-UP CSG EVERY JOINT. > MONITOR WELL ON TRIP TANKS - WELL STATIC. > UTILIZE JAM UNIT FOR ALL CONNECTION.
1400 - 1600	2	0	12	N	CSG	RCSG	CRT	MSD	10900	10900	10849	10900	WASH DOWN LAST 3 JTS 9-5/8" - 53.5# CSG 3SB, BARE, TILL TAG BTM AT 10,900' TOTAL 270/270 JTS.
1600 - 1930	3.5	0	12	N	CSG	CIRC	MPMP	RIG	10900	10900			CIRCULATE 2 X BTM-UP UNTIL HOLE CLEAN, INCREASE PUMP RATE IN STEPS TO 10 BPM TILL HAD STABLIZED PRESSURE. > MEANTIME PREPARE FOR SPACE OUT TO HAVE SHOE AT 5 FT OFF BOTTOM.
1930 - 2200	2.5	0	12	N	CSG	SET	FMH	CAM	10900	10900			SPACE OUT, POOH AND L/DOWN 02 JTS. P/U & M/U 1 PUP JT, P/U CIW FMH ASSY WITH LANDING JOINT. RIH W/ 9 -5/8" FLUTED MANDREL HANGER AND LAND SAME INTO WH, CIW CONFIRM FMH LANDED ON WELLHEAD. > WASH DOWN WHILE RUNNING FMH. > TOTAL 268 JTS: (SHOE TRACK+56 JTS BARE 53.5# AM-95HCSS / AM-HBC-A+X-O+75 JTS FBE 53.5# TN-95HS / 3SB+WFD DV ASSY.+ X-O+131 JTS BARE 53.5# AM-95HCSS / AM-HBC-A + X-O+ 3 JTS BARE 53.5# 3SB + P/J + FMH). > F. SHOE @ 10,895' - F. COLLAR @ 10,809' - L. COLLAR @ 10,763'. DV @ 5,449'
2200 - 2330	1.5	0	12	N	CSG	CIRC	MPMP	RIG	10900	10900			CIRCULATE WITH CRT, MEANWHILE R/D ALMASAOOD CSG RUNNING EQUIPMENT AND P/U MACHINE.
2330 - 0045	1.25	0	12	N	CSG	PJSM	CSG	RIG	10900	10900			HPJSM. R/U BAKER CMT HEAD & SURFACE LINES. FLUSH & PRESSURE TEST LINES TO 5,000 PSI, OK.

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HRDH-2611 DEVELOPMENT DRILLING BI-60

12/15/2025 - 03/14/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0045 - 0130	0.75	0	12	N	CSG	PJSM	CSG	RIG	10900	10900			HELD PJSM FOR CEMENTING 9 5/8" CSG. DISCUSSED ALL HAZARD RELATED & OPERATIONS PLAN.
0130 - 0459	3.5	0	12	N	CSG	CMC	CSG	BCM	10900	10900			PERFORM 1ST STAGE CMT JOB AS FOLLOWING: > RIG PUMPS 200 BBLS LOW RHEOLOGY MUD. > RIG PUMP 150 BBLS KCL SPACER AHEAD. > DROP HALL BY-PASS PLUG. > BAKER MIX AND PUMP ON FLY: 352 BBLS 105 PCF LEAD SLURRY FOLLOWED BY 84 BBLS 118 PCF TAIL SLURRY. > DROP WFD SHUT OFF PLUG. > BAKER CHASE W/10 BBLS CMT FOLLOWED BY 20 BBLS SPACER. > RIG DISPLACE CMT.....ONGOING AT RT.

Foreman Remarks

==========WELL OBJECTIVE==========
WELL HRDH-2611 IS PLANNED TO BE DRILLED AS AN S-SHAPED MK-1 WELL, TARGETING UNYZ-B/C RESERVOIR AS THE PRIMARY TARGET AND UNYZ-A AS THE SECONDARY TARGET WITH THE WELL TD AT 150 FT-TVD INTO PUZU. THE WELL WILL BE COMPLETED WITH MSF OR 15K CEMENTED LINER.
==========JOURNEY MANAGEMENT==========
> RIG IS APPRX. 289 KM FROM DMG: CONTINUE ~ 40 KM AFTER HRDH BRIDGE. TURN RIGHT & DRIVE 7 KM IN SKID ROAD. (FOLLOW RIG SIGN POSTS).
> ALL VEHICLES CARRY SUPPLY OF DRINKING WATER, CAR SURVIVAL KIT, FOLLOW SPEED LIMIT.
==========ARAMCO PERSONNEL==========
> ARAMCO FOREMAN ABDULRAHMAN RGFAWI# 818383 ON LOCATION SINCE 01/19/2026.
> ARAMCO MATERIAL EXPEDITOR ABDULRAHMAN ALHAMMADI #7218147 ON LOCATION SINCE 01/20/2026.
========== VISITS==========
==========AUDITS==========
> LOSS PREVENTION (LPD): TOTAL ITMES: 15 / CLOSED ITEMS: 08 / OPEN ITEMS: 06.
> HAZCOM AUDIT 2ND QTR 2025: TOTAL ITMES: 40/ CLOSED ITEMS: 40 / OPEN ITEMS: 0.
> 3MCI 2ND QTR 2025: TOTAL ITEMS: 38 / CLOSED ITEMS: 38 / OPEN ITEMS: 0.
==========HSE==========
> STOP CARDS: 32.
> NEAR MISS: 0.
> DRILLS: 01 X SWA DRILL & 01 X FIRE PUMP DRILL.
> HSE ALERT: 03-26 CATWALK RAMP LIFTING POINT FAILURE.
> ENTRY POINT FROM BLACK TOP ROAD TO SKID ROAD CORDINATIONS N 23 52 17 48, E 49 08 34 56.
==========SERVICE COMPANY==========
> EMEC MUD ENG ON LOCATION.
> SLB MUD ENG ON LOCATION.
> SINOPEC 2X H2S SENSORS AND OPERATOR ON LOC FROM 12/27/2025.
> 1X SPRAY TANKER ON LOC FROM 01/04/2026.
> HALL MUD LOGGING UNIT & CREW ON LOCATION SINCE 01/16/2026 AT 16:00 HR.
> AL-MASAOOD CSG TOOLS & CREW ON LOCATION SINCE 01/24/2026 AT 17:00 HR.
> CAMERON WH ENG. ON LOCATION SINCE 01/24/2026 AT 17:00 HR.
> WFD DV ENG. ON LOCATION SINCE 01/24/2026 AT 17:00 HR.
> BAKER CMT UNIT & CREW ON LOCATION SINCE 01/24/2026 AT 17:00 HR.
==========DIRECTIONAL DATA==========
========== RENTAL TOOLS ==========
> OIL SERV 8" HM-JAR, S/NO.: CW-2820882-1 ON LOCATION SINCE 01/16/2026 AT 00:10 HR.
==========DRLG FLUID COST OPTIMIZATION==========
> RECEIEVED 500 BBLS 100 PCF OBM FROM RIG SANAD-2015 ON 01/12/2026.
> RECEIEVED 440 BBLS 109 PCF OBM FROM RIG SANAD-2015 ON 01/14/2026.
> RECEIEVED 250 BBLS 130 PCF OBM FROM RIG SANAD-2015 ON 01/18/2026.
> RECEIEVED 250 BBLS 130 PCF OBM FROM RIG SANAD-2015 ON 01/19/2026.
> RECEIEVED 280 BBLS 107 PCF OBM FROM SDGM MUD PLANT ON 01/20/2026.
> RECEIEVED 280 BBLS 107 PCF OBM FROM SDGM MUD PLANT ON 01/21/2026.
==========DRLG BIT OPTIMIZATION==========
==========NEXT LOCATION==========
HRDH-2853.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	10,900	0.1	190	0	10,585	-444.66	-49.46	1,467.87	0

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	1	0API	57	711 Volts	5.06	0	37,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
145	1.6HTHP	18	14	0	8 / 10	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	31	25	7 / 8	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	1	0API	57	696 Volts	5.06	0	37,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
145	1.6HTHP	18	15	0	8 / 10	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	31	25	7 / 8	0	0	0

MUD TREATMENT

BIT DATA

Username: YUAYANAL
Database: EPPR
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LIMITED MORNING REPORT

HRDH-2611 DEVELOPMENT DRILLING BI-60

12/15/2025 - 03/14/2026

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/17/2026	N/A	N/A	N/A	N/A	286	N/A

PERSONNEL AND SERVICES INFORMATION

Company	MSD	GOS	WDV	RIG	EMC	SMI	SNS	HMS	RIG	ARM	BCM	ARM	CAM
Category	CSR	CTRG	DV	RIG	DFMS	DFMS	H2S	MLS	OTHR	OTHR	PCS	WSC	WHES
No. of Persons	5	15	1	46	1	1	1	2	8	2	8	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	12	0	12	24	12	12	12	0	12	12	12	24	12

Total
94

TRUCKS/BOATS

Standby/Tankers
ARAMCO CAR F092 & F094

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	239	320	270	3500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HRDH-2725 DEVELOPMENT DRILLING BI-60

01/23/2026 - 11/08/2026

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SND-2021 @ HRDH-2725 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-2021
Well: HRDH-2725
Wellbores: (0) HRDH_2725_0

Charge #: (66-25058-2725)
Wellbores: (0) HRDH_2725_0

Objective : (MK-1 VERTICAL WELL TO 250 FT INTO KFDA)

Foreman(s) ABDALLA, KAMAL SABRI
Engineer BEGLIYEV, AMANMYRAT
Manager IBRAHIM, ALI ABDULRAZAK

RIG FORMAN VSAT	OTHER VSAT	CONTRACTOR /CLERK VSAT
013-577-93 10	013-577-35 77	0138049671

Last 24 hr operations
GENERAL R/D ON HRDH-1963 & R/M TO HRDH-2725.

Next 24 hr plan
GENERAL RIG UP OPREATION ON HRDH-2725.

Location
HRDH-2725, 228 KM FROM DMG, 10 KM ON FADHILA ROAD, SIGN BOARD ON THE RIGHT SIDE, THEN 10KM SKID ROAD

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	228	228

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0	PRE	M	RM	RM	NA	RIG	0	0			HELD SAFETY MEETING WITH ALL PERSONNEL INVOLVED, DISUCUSSED: RIG DOWN & RIG MOVE OPERATIONS & HAZARDS, IMPORTANCE OF STOP WORK AUTHORITY AND SAFE WORK OPERATIONS & GENERAL WORK PERMIT REQUIREMENTS. GENERAL R/D ON WELL HRDH-1963 & MOVE TO NEW LOCATION WELL HRDH-2725:- - MOVE MINI CAMP & SPOTTED SAME ON NEW LOCATION. - SPOT GRASS HOPPER SKID ON NEW LOCATION. - SPOT MUD TANKS ON NEW LOCATION. - SPOT WATER TANKS ON NEW LOCATION...ONGOING. - SPOT MATTING BOARDS. - SPOT DS & ODS SUB-BASE. - INSTALL SUBBASS CROSS BEAMS. - ASSEMBLE THE MAST SECTIONS. - INSTALL DRAWWORKS & DRILLERS CABIN. - RIG UP SET BACK AREA. - RIG UP ROTARY SUPPORTING BEAMS. - RIG UP ROTARY TABLE. - RIG UP DRAW-WORKS FRAME. - RIG UP DRAW-WORKS. - RIG UP CEMENT TANKS...ONGOING. - RIG UP MUD PUMPS & HARD LINES...ONGOING. - RIG UP MUD TANKS & WATER TANKS...ONGOING. - MOVE VARIOUS TOOLS & EQUIPMENTS & MATERIAL BOXES & CHEMICAL BOXES TO NEW LOCATION. RIG MAINTENANCE DURING RIG MOVE: - CONDUCT CAT III / MPI INSPECTION ON (MUD PUMPS & BOP HOIST BEAMS & TDS MONORAIL). - CONDUCT INSPECTION AND COLOR CODING CHICKSANS, HYDROTEST & MPI. - R/D : 100%. - R/M: 95%. - R/U : 55%. - LOADS: SANAD: 32, ARAMCO: 23 (TOTAL 196 LOADS). - RIG MOVE EQUIPMENT: (7 CRANES, 2 FORKLIFT, 22 LOW BED, 5 HIGH BED, 3 EXTENDED TRUCK, 6 WINCH TRUCK (LOW/HIGH BED), 1 TIRE TRUCK,1 HYDRAULIC LOW BED & 1 SUPER TRUCK). - MOVING DISTANCE FROM HRDH-1963: 18 KM SKID ROAD.
1700 - 0459	12	0	PRE	M	SUSP	OTH	NA	RIG	0	0			WAIT ON DAYLIGHT FOR CRITICAL LIFTING OPERATIONS TO PIN AND RAISE THE MAST.

Foreman Remarks

OBJECTIVE:-
HRDH-2725 IS PLANNED TO BE DRILLED AS MK-1 VERTICAL, 250 FT INTO KHUFF-DANHYDRITE. AND TO BE COMPLETED WITH 15K CEMENTED LINER.
==========
ARAMCO PERSONNEL:-
- ARAMCO MATERIAL CLERK KHALID AL-MUHWAS #818636 ON LOCATION SINCE 01/23/2026.
- ARAMCO MATERIAL EXPT. ABDULLAH AL ZAHRANI (ID# 8542034) ON LOCATION. SINCE 01/26/2026.
- ARAMCO FORMAN ERIC MONTA (ID #803213) IN DH FOR ADVANCED WELL CONTROL COURSE.
==========
SAFETY SUMMARY:-
- DRILLS: 0
- NEAR MISS: 0
- SAFETY OBSERVATIONS: 20.
- ALERTS: HAZCOM REVIEW.

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HRDH-2725 DEVELOPMENT DRILLING BI-60

01/23/2026 - 11/08/2026

==========
RIG VISIT:-
==========
WELLSITE SERVICES:-
==========
DRLG FLUID COST OPTIMIZATION:-
==========
DRLG BIT OPTIMIZATION:-
==========
WATER WELLS SUPPORTING FOR HRDH-2725:- HRDH-3546 (DISTANCE: 0.99 KM) / HRDH-3558 (DISTANCE: 3.43 KM).
==========
RIG MOVE:-
- RIG MOVE PERSONNEL: 2 RIGGER-1, 4 TRUCK PUSHERS, 1 CRANE NIGHT SHIFT & 1 FORKLIFT OPERATOR NIGHT SHIFT.
- RIG MOVE EQUIPMENT: 6 CRANES, 2 FORKLIFT, 17 LOW BED, 7 HIGH BED, 3 EXTENDED TRUCK, 7 WINCH TRUCK (LOW/HIGH BED), 1 TIRE TRUCK,1 HYDRAULIC LOW BED & 1 SUPER TRUCK.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	227	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SUW	RIG	EMC	RIG	ARM	MI2	ARM	Total
Category	CTRG	RIG	DFMS	OTHR	OTHR	SCS	WSC	
No. of Persons	17	46	1	80	2	1	1	148
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	
Operating Hours.	0	24	0	12	12	0	12	

TRUCKS/BOATS

Standby/Tankers	Others
SA TRUCK-e781	SND AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	200	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HRDH-2712 DEVELOPMENT DRILLING BI-60

12/21/2025 - 02/19/2026

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SND-2022 @ HRDH-2712 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-2022 Well HRDH-2712 Wellbores: (0) HRDH_2712_0	Charge #: (66-25058-2712) Wellbores: (0) HRDH_2712_0	Objective : (MK-1 VERTICAL TARGETING KHUFF-C RESERVOIR.)	Foreman(s) Engineer Manager	EWIS, AHMED ABDELMAGID / OSMANI, YASSINE / MAHZARI, MOHAMMED MUTIEB DEL ANGEL RODRIGUEZ, ALEJANDRO / ALOMAIR, ABDULLAH MOHAMMED IBRAHIM, ALI ABDULRAZAK

RIG FORMAN VSAT	OTHER VSAT	CONTRACTOR /CLERK VSAT
0135773768	0135773183	0135773005

Last 24 hr operations	Next 24 hr plan
CURE LOSSES WITH LCM PILLS & EVALUATE , POOH 8-3/8" ROTARY DRLG BHA	POOH 8-3/8", RIH OPEN ENDED STRING, SET CMT PLUG TO CURE LOSSES, WOC, EVALUATE LOSSES.

Location	Next Location
253 KM F/ DMG, 6 KM BEFORE HRDH GAS STATION, TURN RIGHT 1 KM BLACK TOP, FOLLOW SIGN BOARDS	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,938	9 5/8	8893	8893				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
8938	22.8 (01/05/2026@0900)	0	0	256	256

Formation Tops

Formations	Top Depth	Comments
ARUM	970	37 FT DERPER
LAMS	1,255	8 FT DEEPER
AHMD	1,755	25 FT SHALLOWER
SBYA	2,065	03 FT SHALLOWER
SHUB	2,860	19 FT SHALLOWER
BYDH	3,090	23 FT DERPER
MDTM	4,035	AS PROGRAM
SULY	4,580	20 FT DEEPER
HITH	5,180	6 FT SHALLOWER
ABAR	5,620	14 FT SHALLOWER
ABBR	5,760	AS PROGRAM
ABCR	5,890	22 FT DEEPER
ABDR	6,140	14 FT DEEPER
BADR	6,370	4 FT DEEPER
UHFR	6,770	20 FT DEEPER
HDRR	7,110	13 FT DEEPER
BHDR	7,280	01 FT DEEPER
DHRM	7,550	83 FT DEEPER
LFDR	7,670	152 DEEPER
BLFR	7,760	111 FT DEEPER
HURN	8,110	57 FT SHALLOWER
MRRT	8,240	29 FT SHALLOWER
MNJR	8,380	19 FT SHALLOWER
JILH	8,560	8 FT DEEPER
JLDM	8,730	8 FT SHALLOWER
BJDM	8,870	AS PROGRAM

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	8938	8938			SPOTTED 50 BBL'S OF 50 PPB LCM PILL TO CURE LOSSES, HAD NO RETURN.
0600 - 0900	3	0	8 3/8	N	DRLG	WO	NA	RIG	8938	8938			ALLOW LCM TO SOAK & MONITOR WELL ON TRIP TANK MEANWHILE PREPARING 180 PPB LCM PILL & BUILDING NEW MUD VOLUME. - RECORDED STATIC LOSSES: 80 BPH.
0900 - 1030	1.5	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	8938	8938			PJSM, DROP 2" DART, CHAISED SAME W/ 127 PCF OBM @ 5.0 BPM, OPEN WFD PBL SUB & CONFIRMED SAME OPEN BY 200 PSI PRESSURE DROP, OK. - CONFIRMED MWD SIGNAL LOST AFTER PBL OPEN. - NO RETURNS BEEN DETECTED WHILE PUMPING.
1030 - 1200	1.5	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	8938	8938			SPOTTED 1ST 100 BBL'S OF 180 PPB LCM PILL TO CURE LOSSES, DISPALCE SAME WITH 167 BBLS OF 127 PCF OBM, HAD NO RETURN.
1200 - 1500	3	0	8 3/8	N	FISH	WO	NA	RIG	8938	8938			ALLOW LCM TO SOAK MEANWHILE PREPARING 100 BBL'S OF 180 PPB LCM PILL & BUILDING NEW MUD VOLUME. - RECORDED STATIC LOSSES HAD 80 BPH
1500 - 1630	1.5	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	8938	8938			SPOTTED 2ND 100 BBL'S OF 220 PPB LCM PILL TO CURE LOSSES, DISPALCE SAME WITH 167 BBLS OF 127 PCF OBM, HAD NO RETURN.
1630 - 1945	3.25	0	8 3/8	N	DRLG	WO	NA	RIG	8938	8938			ALLOW LCM TO SOAK MEANWHILE PREPARING BUILDING MUD SYSTEM WITH 127 PCF OBM - RECORDED STATIC LOSSES HAD 80 BPH - KEEP FILL UP BACKSIDE WITH MUD CUP AND MONITOR ON TRIP TANK
1945 - 2345	4	0	8 3/8	N	DRLG	WO	NA	RIG	8938	8938			EVALUATE LOSSES MEANWHILE PREPARING BUILDING MUD SYSTEM WITH 127 PCF OBM & THIRD LCM PLUG - KEEP FILL UP BACKSIDE WITH MUD CUP AND MONITOR ON TRIP TANK , RECORDED STATIC LOSSES HAD 80 BPH
2345 - 0130	1.75	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	8938	8938			

LIMITED MORNING REPORT

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HRDH-2712 DEVELOPMENT DRILLING BI-60

12/21/2025 - 02/19/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													SPOTTED 3RD 120 BBL'S OF 220 PPB LCM PILL TO CURE LOSSES, DISPALCE SAME WITH 167 BBLS OF 127 PCF OBM, HAD NO RETURN.
0130 - 0300	1.5	0	8 3/8	N	DRLG	WO	NA	RIG	8938	8938			ALLOW LCM TO SOAK MEANWHILE PREPARING BUILDING NEW MUD VOLUME TO START POOH . - RECORDED STATIC LOSSES HAD 80 BPH - DROP BALL & CLOSE WFD PBL.
0300 - 0459	2	0	8 3/8	N	DRLG	TO	STDP	RIG	8938	8938	8938	4500	POOH 8-3/8" ROTARY DRILLING ASSY W/NEW-TEC GR-MWD. ON 5-1/2" STD DP.....ONGOING. - FILL BACKESIDE WITH MUD CAP CONTINOUSLY.

Foreman Remarks

OBJECTIVE:-
- HRDH-2712 IS PLANNED TO BE DRILLED AS A VERTICAL MK-1 DESIGN, TARGETING KHUFF-C RESERVOIR AS PRIMARY TARGET AND KHUFF-A/B RESERVOIR AS SECONDARY TARGET.
==========
ARAMCO PERSONNEL:-
- ARAMCO MATERIAL EXPEDITOR FAHAD G ALDHAFERI (OD8515005) ON LOCATION.
==========
SAFETY SUMMARY:-
- DRILLS: 2X PIT.
- NEAR MISS:
- SAFETY OBSERVATIONS: 30
- TOPIC DISCUSSED: HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
==========
RIG VISIT:-
==========
THIRD PARTY:-
- HOOKED UP WELL-LINK REAL TIME DATA ON 02-JAN-2026.
==========
RENTAL TOOLS:-
- NESR 6.5" JAR SN (GE-DJ-00071) ON LOCATION SINCE 20-JAN-2026 .
==========
DRLG FLUID COST OPTIMIZATION:-
- RECIEVED 500 WBM 76 PCF FORM NBR-633S ON 01-12-2026
- SHIPPED 3000 BBLS WBM 78 PCF TO PA-70S ON 1-27-2026
- RECIEVED 450 OBM 116 PCF FROM ADC-36 ON 01-17-2026
- RECIEVED 500 BBLS OBM 120 PCF FROM ADC-14 ON 01-18-2026
- RECIEVED 750 BBLS OBM 109 PCF FROM SND-2006 ON 01-25-2026

==========
DRLG BIT OPTIMIZATION:-
- - UTILIZED 8-3/8" REFURBISHED PDC BIT, (ULTERRA, TYPE: U616M, S.N: 69027) TO DRILL 8-3/8" HOLE SECTION.
==========
WATER WELLS SUPPORTING FOR HRDH-2712:- HRDH-3505 (DISTANCE: 6.84 KM) / HRDH-3569 (DISTANCE: 7.38 KM).
==========
NEXT LOCATION: HRDH-2614.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
127 PCF	1	0API	49	480 Volts	5.62	0	24,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.4HTHP	12	16	0	10 / 13	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
72	0	48	39	9 / 10	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
127 PCF	1	0API	49	490 Volts	5.62	0	24,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.4HTHP	12	16	0	10 / 13	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
71	0	47	39	9 / 10	0	0	0

MUD TREATMENT

BARITE	LCLUBE	LCLUBEFINE	STELSEALFN	CACO3-25	CACO3-50	MRBL-C
160 (BLK)	80 (50LB)	100 (50LB)	100 (50LB)	160 (50LB)	120 (50LB)	6 (2200L)
MRBL-M	**BARITE**	**MRBL-M**	**SOLFLKC**	**SOLFLKF**	**SOLFLKM**	
150 (50LB)	50 (5000L)	6 (2200L)	80 (50LB)	80 (50LB)	80 (50LB)	

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
5RR	8,900	8,938	DP Av	DC Av	Bit HHP	N/A	N/A	M423	8.375	ULTR
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
69027	U616M	6 x 14 /	0.902							

LIMITED MORNING REPORT

HRDH-2712 DEVELOPMENT DRILLING BI-60

12/21/2025 - 02/19/2026

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Gauge	Other	POOH Reas
N/A		

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs
	0		

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
19	Drillpipe	RIG	5.5	1	5.5	4.67	0.1	1,340.12	XT54	XT54	24.7	159,694.26	XD105	PREM	
18	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.25	470.32	1,340.02	XT54	XT54	54	159,691.79		CONV	
17	Crossover	RIG	6.5	1	6.5	2.875	1.53	869.7	XT54	NC46	99	134,294.51			NAP-8757-35-1
16	Drillcollar	RIG	6.5	3	6.5	2.25	93.1	868.17	NC46	NC46	99.5	134,143.04		SPRL	
15	Hydraulic Jar	NPJ	6.5	1	6.5		31.23	775.07			99	124,879.59			GE-OJ-00071
14	Drillcollar	RIG	6.5	21	6.5	2.813	652	743.84	NC50	NC50	165	121,787.82		SPRL	
13	Crossover	RIG	6.75	1	6.75	2.5	2.63	91.84	NC50	NC46	165	14,207.82			AO-62504-3-1
12	PBL (Multiple Activation By Pass)	WWB	6.75	1	6.5	2.875	8.94	89.21	NC50	NC50	99	13,773.87			HYD-675SBP90
11	Crossover	RIG	6.75	1	6.75	2.5	2.67	80.27	NC50	NC46	165	12,888.81			NAP-8757-40-1
10	String Reamer	RIG	8.375	1	6.75	3	6.3	77.6	NC50	NC50	165	12,448.26			HBH-21552
9	Crossover	RIG	6.5	1	6.5	4.219	3.67	71.3	NC46	NC46	165	11,408.76			60069-1-1
8	FIlter Sub	NTH	0	1			4.65	67.63			165	10,803.21			675050083
7	Non Magnetic Drill Collar (NMDC)	NTH	0	1			29.99	62.98			165	10,035.96			SBDR-9436-R
6	UBHO Sub	NTH	0	1			4.1	32.99			165	5,087.61			SES-675-UBHO-007
5	Crossover	RIG	6.75	1	6.75	2.5	2.66	28.89	NC50	NC46	156	4,411.11			122404981
4	String Reamer	RIG	8.375	1	6.5	2	7.48	26.23	NC46	NC46	99	3,996.15			GU5038
3	Pony Collar	RIG	6.25	1	6.25	2.85	15.09	18.75	4 IF		196	3,255.63			20220206
2	Bit Sub	RIG	6.25	1	6.25	2.875	3.01	3.66	4 1/2 REG	NC50	99	297.99			1450
1	Bit	ULTR	8.375	1	8.375		0.65	0.65				0			69027

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/25/2026	01/25/2026	NORMAL	N/A	SEASONAL	120	PRE-TOUR X 2 DAILY.

PERSONNEL AND SERVICES INFORMATION

Company	ULT	SUW	RIG	BDF	EMC	HMS	RIG	ARM	NCS	WRT	MI2	SWF	ARM
Category	BITS	CTRG	RIG	DFMS	DFMS	MLS	OTHR	OTHR	PCS	RENT	SCS	SFS	WSC
No. of Persons	1	9	35	1	1	4	6	1	2	1	1	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	12	12	24	0	12	24	24	24	24	24

Total
66

TRUCKS/BOATS

Standby/Tankers
E-896

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	550	623	160	96	950

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-2617 DEVELOPMENT DRILLING BI-60

12/17/2025 - 02/25/2026

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SND-2023 @ HRDH-2617 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s) / Engineer / Manager
SND-2023	(66-24058-2617)	(MK-1 S-SHAPE WITH 150 FT INTO PUZU.)	SOMIDA, AHMED MOHAMED MOHAMED / OSAIMI, SALEH SULAIMAN; HAQWI, MOHAMMED MOSA
Well: HRDH-2617	Wellbores: (0) HRDH_2617_0		
Wellbores: (0) HRDH_2617_0			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 547	0135773173	0135773171

CONTRACTOR /CLERK VSA T: 0135773179

Last 24 hr operations
ROTARY DRILL 5-7/8" VERTICAL HOLE SECTION T/ 14,000' MD.

Next 24 hr plan
CONT ROTARY DRILL 5-7/8" VERTICAL HOLE SECTION TO TD @ 15,073' MD / 14,983' TVD (150' INTO PUZU).

Location
281 KM FROM DAHRAN MAIN GATE, 18 KM ON KHARKHAIR ROAD FROM HARADH BRIDGE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,000	9 5/8	10398	10398	7	10,114	13,527	13,412

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
13600	42.9 (12/16/2025@0700)	100	400	281	281

Formation Tops

Formations	Top Depth	Comments
KFDA	13,012	5' SHALLOWER.
PKFU	13,733	13616' (7' SHALLOWER).
UNZA	13,789	13671' TVD (18' SHALLOWER).

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 2300	18	0	5 7/8	N	DRLG	D	TDS	RIG	13600	13955			ROTARY DRILL 5-7/8" VERTICAL HOLE WITH SLB MWD/GR W/ 95 PCF INNOVERT OBM & FULL RETURN. - FOLLOW GAS WELLS DRILLING & CONNECTION PRACTICES VERSION 4.0. - TAKE SURVEY EVERY 2 STDS DRILLED AT 30' OFF BOTTOM. - SPOT 40 BBLS SEALING PILL PRIOR EVERY CONNECTION.
2300 - 0000	1	0	5 7/8	N	DRLG	RR	TDS	RIG	13955	13955			SERVICE TDS & CHECKED FOR DROPPED OBJECTS.
0000 - 0330	3.5	0	5 7/8	N	DRLG	D	TDS	RIG	13955	14000			ROTARY DRILL 5-7/8" VERTICAL HOLE WITH SLB MWD/GR W/ 95 PCF INNOVERT OBM & FULL RETURN. - FOLLOW GAS WELLS DRILLING & CONNECTION PRACTICES VERSION 4.0. - TAKE SURVEY EVERY 2 STDS DRILLED AT 30' OFF BOTTOM. - SPOT 40 BBLS SEALING PILL PRIOR EVERY CONNECTION. - LITHOLOGY AT 13950' MD: 80% SILTSONE & 20% SANDSTONE. - MAX BACK GROUND GAS: 1.65% @ 13,920'.
0330 - 0459	1.5	0	5 7/8	N	DRLG	RR	MPMP	RIG	14000	14000			SERVICE MUD PUMPS.

Foreman Remarks

==========WELL OBJECTIVE==========
- HRDH-2617 WILL BE DRILLED AS MK-1, S-SHAPE WITH WELL TD AT 150' INTO PUZU ACROSS UNYZ-B/C RESERVOIR AS A PRIMARY TARGET AND UNYZ-A AS A SECONDARY TARGET.

========ERP========
- THE WELL IS IN A NON-POPULATED AREA.
- 1/2 LFL @ 220 M, RER 100 PPM @ 430 M & RER 30 PPM @ 710 M.
- H2S IS 0 MOLE %.
- STAGING AREA #1 (1.4 KM NW): N 23.956778 & E 49.140379.
- STAGING AREA #2 (1.1 KM SE): N 23.947376 & E 49.163466.

======PERSONNEL ON BOARD======
- MATERIAL EXPEDITOR NAEEM AKHTAR ON LOCATION SINCE 11/15/2025.

======JOURNEY MANAGEMENT======
- ROUTE DESCRIPTION: DRIVE 18KM FROM HRDH-BRIDGE (ON KHARKHIR RD), LEFT TURN INTO SKID ROAD, 3.2 KM TO RIG, FOLLOW SIGNS.
- RIG LOCATION IS 281 KM FROM DMG, 3 KM SKID ROAD FROM THE BLACK TOP & NEAREST FACILITY HARADH GOSP-3 19 KM.

======FLAT TIME KPI======
- TRIPPING SPEED KPI: 19 STDS/HR, ACTUAL:
- 24" CSG: 4 JTS/HR, ACTUAL: 4 JT/HR.
- 18-5/8" CSG: 7 JTS/HR, ACTUAL: 8.1 JT/HR.
- 13-3/8" CSG: 11.5 JTS/HR, ACTUAL: 12 JT/HR.
- 9-5/8" CSG: 14 JTS/HR, ACTUAL: 14.2 JT/HR.
- 7" LINER: 14 JT/HR , ACTUAL: 15 JT/HR.
- 4-1/2" LINER: 13 JT/HR , ACTUAL: JT/HR.
- 4-1/2" UPPER COMPLETION: 13.5 JT/HR, ACTUAL:

==========SAFETY==========
- PRE-TOUR SAFETY MEETINGS: (2).
- PTW RAISED TODAY (08): 6 CW PTW, 2 BZ PTW, 1 DT PTW & 12 JSA , 10 STOP CARDS & 1 NM (SLS # 10906832)
- DRILLS (2): 2 TRIP DRILLS
- SAFETY TOPICS DISCUSSED: DISCUSSED BIG BAG RING AND INCORRECT INSTALLATION OF D-RING FOR LIFTING.

======AUDITS======
- WCEI: 20 CLOSED & 0 OPEN.

LIMITED MORNING REPORT

HRDH-2617 DEVELOPMENT DRILLING BI-60

12/17/2025 - 02/25/2026

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- PCI: 183 CLOSED & 4 OPEN.
- LPD: 21 CLOSED & 3 OPEN.

=====RENTAL TOOLS ON LOCATION=====
- 4-3/4" HMD JAR W/3-1/2 IF BOX (COUGAR DRILLING SOLUTIONS SAUDI) SN# DJ6-500-447 ON LOCATION AT 01-22-2026.
- 4 3/4" WFD CIRCULATING VALVE (4.75 PBL SUB) WITH 3-1/2" IF CONN SN# HYD475BP31 ON LOCATION AT 01-26-2026.

========WATER SPRAY & VACUUM TANKERS========
- NONE

=========WATER CONSERVATION IMPLEMENTED INITIATIVES=======
- REDUCED WATER PITS: Y.
- DIRECT WATER LINE-UP TO MUD WATER TANK SYSTEMS: Y.
- CLS-CUTTINGS DRYER SYSTEM IMPLEMENTATION: N.

========NEXT WELLS=======
- NEXT LOCATION: HRDH-2648 (READY).

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	13,685	1.36	273.51		13,567	-193.12	27.49	639.98	0.77
0	13,811	1.78	285.48	126	13,693	-192.93	26.46	638.9	0.42
0	13,875	2.08	282.37	64	13,757	-192.78	25.82	638.11	0.49

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
95 PCF	1	0API	62	570 Volts	5.1	0	212,912
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
138	1.2HTHP	16	14	0	8 / 12	INOVRT	0.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
68	0	30	22	7 / 8	0	0	1.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
95 PCF	1	0API	62	580 Volts	5.1	0	212,912
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
138	1.4HTHP	16	13	0	8 / 12	INOVRT	1.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	30	22	7 / 8	0	0	3.6

MUD TREATMENT

STELSL50	STELSEALFN	BARACRB150	MRBL-M	FACTANT	GELTONE	CAOH2
24 (55LB)	28 (55LB)	38 (55LB)	2 (2200L)	1 (55GL)	36 (55LB)	35 (55LB)
BDF 513	**ADAPTA**	**CACO3-50**	**CACO3-5**	**TAU MOD**		
4 (55LB)	10 (55LB)	48 (55LB)	25 (55LB)	5 (55LB)		

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
6	13,530	14,000	DP Av	DC Av	Bit HHP	15	90	M333	5.875	SMT
Pressure	**GPM**	**Jet Vel**	291.22	451.11	48	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,600	220	182				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SA01816	R613C	3 x 13 /	0.389							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	24	330	335	325	5,600		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
19	Drillpipe	RIG	5	1	5	4.276	30	5,305.55	GPDS50	GPDS50	19.5	68,867.568	XD105	PREM	TALLY
18	Crossover	RIG	4.875	1	4.875	2.25	30	5,275.55	NC38	XT39	0	68,282.568			TALLY
17	Drillpipe	RIG	4	126	4	3.34	3,949.37	5,245.55	XT39	XT39	14	68,282.568	XD105	PREM	TALLY
16	Heavy Weight Drillpipe (HWDP)	RIG	4	15	4	2.562	469.44	1,296.18	XT39	XT39	25.1	12,991.388		CONV	TALLY
15	Crossover	RIG	4.75	1	4.75	2.25	2.6	826.74	XT39	NC38	0	1,208.444			NAP-7197-14
14	Drillcollar	RIG	4.75	2	4.75	2.25	62.2	824.14	NC38	NC38	0	1,208.444		SPRL	TALLY
13	Hydraulic Jar	CTC	4.75	1			30.16	761.94			0	1,208.444			DJ6-500-447
12	Drillcollar	RIG	4.75	21	4.75	2.25	654.61	731.78	NC38	NC38	0	1,208.444		SPRL	TALLY
11	PBL (Multiple Activation By Pass)	WWB	4.75	1	4.75	3	8.1	77.17	NC50	NC50	0	1,208.444			HYD475BP31
10	String Reamer	RIG	5.825	1	5.825	1.13	5	69.07	NC38	NC38	0	1,208.444			XM3522
9	Filter Sub	SDM	4.812	1	4.813	2.125	5	64.07	NC38	NC38	24	1,208.444			475-1060
8	UBHO Sub	SDM	4.812	1	4.813	2.25	2.81	59.07	NC38	NC38	0	1,088.444			OSS240042A
7	Measurement While Drilling (MWD)	SDM	4.75	1	4.75		12.61	56.26			25.4	1,088.444			V1322
6	Non Magnetic Drill Collar (NMDC)	SDM	4.75	1	4.75	2.25	17.07	43.65	NC38	NC38	45	768.15		SPRL	10198
5	Flow Sleeve Sub	SDM	4.875	1	4.875	2.25	2.73	26.58	NC38	NC38	0	0			NTSSA8565

LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-2617 DEVELOPMENT DRILLING BI-60

12/17/2025 - 02/25/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
4	String Reamer	RIG	5.825	1	5.825	1.13	5	23.85	NC38	NC38	0	0			MX3194
3	Pony Collar	RIG	0	1			15.1	18.85			0	0			5001998116
2	Bit Sub	RIG	4.75	1	4.75	2.25	3.03	3.75	NC38	3 1/2 REG	0	0			ANP74711
1	Bit	SMT	5.875	1	5.875		0.72	0.72				0			SA01816

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/23/2026	01/23/2026	NORMAL	N/A	SEASONAL	43	2 PRE-TOUR MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	SBT	GOS	SDM	RIG	BAR	RO4	XLG	RIG	ARM	OTH	ARM
Category	BITS	CTRG	DPDS	RIG	DFMS	DFMS	MLS	OTHR	OTHR	RENT	WSC
No. of Persons	1	16	2	42	1	1	4	14	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	24	24	24	12	24	24

Total
86

TRUCKS/BOATS

Standby/Tankers
e-874

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	534	226	60	500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

MZLJ-281202 EXPLORATION DRILLING BI-1514

11/06/2025 - 07/01/2026

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SND-3001 @ MZLJ-281202 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-3001
Well: MZLJ-281202
Wellbores: (0) MZLJ_281202_0

Charge #: (87-25086-4270)
Wellbores: (0) MZLJ_281202_0

Objective : (150 DEGREES AZIMUTH TARGETING LOWER SARAH FORMATION)

Foreman(s) GIBSON, JAMES ROBERT
Engineer ALDOSSARY, MOHAMMED ADNAN
Manager GARNI, HUSAM MANSOUR

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 773	577-6128	013-577-61 31

CONTRACTOR /CLERK VSA T: 577-6129

Last 24 hr operations: CONDUCT RIG MAINTENANCE

Next 24 hr plan: CONDUCT RIG MAINTENANCE

Location: 0.932 KM S68E OF MZLJ-178201 AND 0.978 KM S69E OF MZLJ-178202.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)	100	0	285	285

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	MAIN	OTH	NA	RIG	0	0			SANAD CONDUCTING RIG MAINTENANCE: BELOW ARE THE ACTIVITIES CURRENTLY IN PROGRESS: OVERALL PROGRESS OF ENGINEERING-RELATED WORKS (SPECIFIC TO BELOW): 40% PREPARATION WORKS FOR MAST AND SUB CAT IV: ARRANGEMENT DONE WITH UCTC TO CONDUCT CAT IV INSPECTION & REPAIRS. PREPARATIONS STARTED TO MOVE R263 TO UCTC YARD IN THE BEGINNING OF NEXT WEEK. DETAILED ENGINEERING PLANS FOR THE INSTALLATION OF RIG 3001 DRAW WORKS AND DRILLER'S CONSOLE ON THE NEW DRILL FLOOR: PROPOSED DRILLERS CONSOLE LOCATION VERIFIED BY OPS & APPROVED - DETAILED INSTALLATION LAY OUT TO BE PREPARED. ENGINEERING WORK FOR THE STANDPIPE AND INSTALLATION OF THE VERTICAL SKID: PREPARATION IN PROCESS FOR NEW MAST DUAL STAND PIPE LINE FABRICATION INTEGRATION DRAWINGS FOR RIG 3001 BACKYARD WITH THE NEW MAST AND SUB: PRELIMINARY LAY OUT IS UNDER ENGINEERING REVIEW FOR THE GRASSHOPPER INTEGRATION. ENGINEERING DRAWINGS FOR REVISIONS ASSOCIATED WITH THE DRILL LINE CHANGE, INCLUDING MODIFICATIONS TO THE CROWN BLOCK AND TRAVELLING BLOCK SHEAVES: CROWN BLOCK DRAWING WITH 1-5/8" DRILL LINE SHEAVE IS UNDER OEM REVIEW. TOP DRIVE INTEGRATION STUDY IS ONGOING PLACING ORDER & RFQ'S FOR LONG LEAD ITEMS - ONGOING RAISING LINES CROWN ILLUMIC LIGHTS MAST SNATCH BLOCKS NEW CROWN SHEAVE BEARINGS BELOW ASSETS HAS BEEN SECURED TO USE ON SND 3001: TRAVELLING BLOCK. CROWN SHEAVES. 1-5/8" DRILLING LINE. DW ON OEM SHOP, OVERHAULING ONGOING.

Foreman Remarks

MZLJ-281202 IS PART OF THE UNCONVENTIONAL DEVELOPMENT PROGRAM FOR THE SARAH FORMATION IN THE MAZALIJ FIELD. THIS IS THE FIRST WELL IN THE PAD AND WILL BE DRILLED WITH A 5,000 FT EFFECTIVE LATERAL LENGTH AT 90 DEGREES INCLINATION ALONG WITH 150 DEGREES AZIMUTH TARGETING LOWER SARAH FORMATION (200 FT BELOW TOP OF SARAH). THE PLANNED TD FOR THE WELL IS 19,263 FT MD / 13,819 FT TVD TO BE COMPLETED IN 90 DAYS. THE WELL WILL BE COMPLETED WITH 4-1/2" 15.1# VM-125HC VAM TOP HC-KA R-3 LONG STRING COMPLETION AND WILL BE SUPPLEMENTED LATER BASED ON COMPLETION LETTER REQUIREMENT.
==========
** SURFACE COORDINATE: N-2708555.88, E-213488.40
==========
SAFETY DATA:
JSA REVISED: 00, JSA REVIEWED: 12 PTW: 12, LOTO: 0
TOTAL SOC'S: 0, STOP WORK: 0, HH: 0, NM: 0, DRILL: 0
4TH QTR 3MCI 2025 - TOTAL FINDINGS: 54, CLOSED: 53, OPEN: 01

INHOUSE AUDIT 2024 - OPEN -1
1ST INHOUSE AUDIT (FEB 2025) - TOTAL FINDINGS: 107, CLOSED: 105, OPEN: 02
2ND INHOUSE AUDIT (MAY2025) -TOTAL FINDINGS: 218, CLOSED: 217, OPEN: 01
3RD INHOUSE AUDIT (SEPT 2025) - TOTAL FINDINGS: 118, CLOSED: 114, OPEN: 04
DOECD RHSEI AUDIT (JUNE 2025): OPEN: 00
GAP ANALYSIS AUDIT OCT 2025 - SCORED - 89.5%

LTI FREE DAYS - 4705
==========

LIMITED MORNING REPORT

MZLJ-281202 EXPLORATION DRILLING BI-1514

11/06/2025 - 07/01/2026

ARAMCO PERSONNEL:

==========

**** WELLSITE RENTAL EQUIPMENT ON LOCATION:**

==========

NEXT WELL:. N/A

==========

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	4,740	N/A

PERSONNEL AND SERVICES INFORMATION

		Total
Company	ARM	
Category	WSC	
No. of Persons	1	1
Personnel on Loc. Hrs.	0	
Operating Hours.	0	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	0	949	112	1	2700

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

SDGM-1299 DEVELOPMENT DRILLING BI-60

12/18/2025 - 03/30/2026

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SND-3002 @ SDGM-1299 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SND-3002
Well: SDGM-1299
Wellbores: (0) SDGM_1299_0

Charge #: (66-23054-1299)
Wellbores: (0) SDGM_1299_0

Objective : (S-SHAPE K-2 WELL TARGETING UNAYZAH RESERVOIR)

Foreman(s): ALGHAMDI, ABDULLAH AHMAD / ALOMAIR, MOHAMMED KHALID / BOUGRISSA, MOHAMED CHARAF
Engineer Manager: BAYOUNES, AHMED TAREG / HAMEED ALDEEN, ALI MUHAB / MOUSA, NEDAL ADEL

THURAYA	RIG FORMAN VSAT	OTHER VSAT
88-216-777 -12-717	013-876-51 82	013-876-51 49

CONTRACTOR /CLERK VSA T: 013-876-51 89

Last 24 hr operations: DIREC. DRILL 16" S-SHAPE HOLE SECTION.

Next 24 hr plan: DIREC. DRILL 16" S-SHAPE HOLE TO 13-3/8" CP @ +/-10,825' MD/10,538' TVD (30' INTO BJDM).

Location: SDGM-1299

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,738	18 5/8	4497	4497				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7113	29.5 (12/29/2025@1600)	100	625	86	86

Formation Tops

Formations	Top Depth	Comments
RUS	680	67' DEEPER
UMER	870	91' DEEPER
ARUM	1,800	161' DEEPER
LAMS	2,360	16' SHALLOWER
AHMD	2,750	11' DEEPER
SFNY	2,910	149' SHALLOWER
SHUB	3,825	26' SHALLOWER
BYDH	4,165	15' DEEPER
MDTM	4,915	14' DEEPER
SULY	5,366	10' SHALLOWER
HITH	5,900	18' SHALLOWER
ABAR	6,414	0.8' SHALLOWER
ABBR	6,494	18.8' SHALLOWER.
ARBC	6,528	14.8' SHALLOWER.
ABCR	6,614	11.8' SHALLOWER.
ARBD	6,691	14.8' SHALLOWER.
PADS	6,782	9.8' SHALLOWER
BPDS	6,787	9.8' SHALLOWER.
AD2A	6,812	5.8' SHALLOWER.
AD2B	6,890	7.2 DEEPER.
AD3A	6,967	12.8' SHALLOWER
AD3B	7,019	13.8' SHALLOWER
BADR	7,120	28.8' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0430	23.5	0	16	N	DRLG	D	RSS	WDS	7113	7738			WFD RSS/MWD ASSY DIRECTIONAL DRILL 16" S-SHAPE HOLE SECTION W/ 90 PCF NA-CL POLYMER MUD & FULL RETURN. > CONTROL PARAMETERS TO MITIGATE HIGH RISK OF LOSSES. > SWEEP HOLE W/ 50 BBLS HI VIS PILL EVERY STD DRILLED. > FOLLOWED GAS WELLS DRILLING & CONNECTION PRACTICES. > TAKE SURVEY EACH STD. > LAST SURVEY: 7620' MD, 7401.06' TVD, 24.70 DEG INC & 338.56 DEG AZI. > WELLBORE POSITION: 3.46 FT ABOVE PLAN & 3.35 FT RIGHT OF PLAN #9.
0430 - 0459	0.5	0	16	N	DRLG	RR	TDS	RIG	7738	7738			SERVICED TDS & GREASED WASH PIPE.

Foreman Remarks

========== WELL OBJECTIVES ==========
SDGM-1299 IS PROPOSED AS AN S-SHAPE K-2 WELL TARGETING UNAYZAH RESERVOIR AS PRIMARY TARGET. THE WELL WILL BE DRILLED TO 15,784 FT MD /15,339 FT TVD (350' INTO PUZU). THE WELL WILL BE COMPLETED WITH 4-1/2" 15K CEMENTED LINER.
========= JOURNEY MANAGEMENT PLAN ==========
> ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
> ALL VEHICLES SHOULD BE 4 X 4.
> ALL VEHICLES SHOULD FOLLOW ROAD ALLOWED DRIVING SPEED.
========== WELL SECTIONS ==========
> 42" SECT: 120' / ACTUAL: N/A
> 34" SECT: 663' (50' INTO RUS) / ACTUAL: 730' (50' INTO RUS)
> 28" SECT: 2,783' (50' INTO AHMDI) / ACTUAL: 2,800' (50' INTO AHMD)
> 22" SECT: 4,500' (50' INTO MDTM) / ACTUAL: 4,505'
> 16" SECT: 10,862' (30' INTO BJDM) / ACTUAL: XXXX'
> 12" SECT: XXX' (10' INTO KFBC) / ACTUAL: XXX'
> 8-3/8" SECT: XXXX' (450' TVD INTO KFDA) / ACTUAL: XXX'
> 5-7/8" SECT: 15,784' (200' TVD INTO TAWIL) / ACTUAL: XXX'
========== RUN SPEED KPI VS ACTUAL ==========
> TRIPPING KPI: 19 STD/HR / ACTUAL: 19.5 STD/HR
> 36" CSG KPI: 0.6 JTS/HR / ACTUAL: N/A
> 30" CSG KPI: 3 JT/HR / ACTUAL: 4.5 JT/HR
> 24" CSG KPI: 4 JT/HR / ACTUAL: 7.5 JT/HR
> 18-5/8" CSG KPI: 7 JT/HR / ACTUAL: 12.8 JT/HR
> 13-3/8" CSG KPI: 11.5 JT/HR/ ACTUAL: XX JT/HR

LIMITED MORNING REPORT

SDGM-1299 DEVELOPMENT DRILLING BI-60

12/18/2025 - 03/30/2026

> 9-5/8" CSG KPI: 14 JT/HR/ACTUAL: XX JT/HR
> 7" LINER KPI: 14 JT/HR/ACTUAL: XX JT/HR
> 4-1/2 LINER KPI: 13 JT/HR / ACTUAL: XX JT/HR
> 4-1/2" UPPER COMPLETION KPI: 13.5 JT/HR / ACTUAL:
========== ARAMCO POB & VISITORS ==========
> ARAMCO CLERK SHAKIR SAFEER #8162122 ON LOCATION SINCE 11/07/2025.
> ARAMCO CLERK ABDULLAH BINAHMED #816267 ON LOCATION SINCE 1/20/2026.
> ARAMCO PDP BADER ALMULHIM ID#813757 ON LOCATION SINCE 1/15/2026.
> ARAMCO FCT HUSSAIN ALSHARIF ID #796753 ON LOCATION SINCE 01/27/2026.
> ARAMCO SAO&GDD FCA RAJESH K THOMAS# 8558715 ON LOCATION SINCE 01/21/26.
========== SAUDIZATION ==========
> SAUDIZATION : 83%.
> CREW SHORTAGE: NONE.
========== SAFETY ==========
> JSA REPORT(7), OBSERVATION CARDS: (10). PRE-TOUR SAFETY MEETING: (3), WEEKLY SAFETY MEETING (0).
> COLD PTW:(2) HOT PTW: (0), CONFINED SPACE: (0), BUFFER ZONE: (0), LIFTING PERSONNEL: (1) ,DIESEL TRANSFER: (0), RADIO ACTIV: (0).
> SAFETY TOPICS DISCUSSED: ADVISED THE CREW TO ENSURE PTW AND JSA PREPARED FOR ALL THE JOB ;MAINTAIN 100 % TIE OFF WHILE WORK AT HEIGHT ;PTW DEFICIENCIES DISCUSSED WITH THE CREW, USE LOTO FOR MANRIDER JOB AND USE TAGS ;FORKLIFT OPERATIONS /CRANE OPERATION/CHECKLIST AND JSA.
> SAFETY ALERTS DISCUSSED: HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION ; SND-HSE-2025-11 FIRE INCIDENTS ; SND-HSE-2025-15 SMALL FIRE IN MINI-CAMP ROOM.
> CONDUCTED DRILLS: 2 X PIT DRILLS & 1 X OIL SPLILL EQTS DRILL.
========== AUDITS ==========
> LP AUDIT-24: 16 FINDINGS, 15 CLOSED AND 1 OPEN.
> WCEI-25: 8 FINDINGS, 8 CLOSED AND 0 OPEN.
> 1ST RHSEI-2025: 47 FINDINGS, 47 CLOSED AND 0 OPEN.
> 1ST QRT QSI-25: 50 FINDINGS, 50 CLOSED AND 0 OPEN.
> 2ND QRT QSI-25: 46 FINDINGS, 46 CLOSED AND 0 OPEN.
> 3RD QRT QSI-25: 55 FINDINGS, 55 CLOSED AND 0 OPEN.
========== RENTAL TOOLS ==========
> TASMAN 8" HMDJ SN# DJ6-800-431 ON LOCATION SINCE 01/23/2026 @ 18:15.
========== WELLSITE CONTRACTOR EQUIPMENT ==========
> NONE
======= ===== WATER CONSERVATION IMPLEMENTED INITIATIVES ========
> REDUCED WATER PITS: YES
> DIRECT WATER LINE-UP TO MUD WATER TANK SYSTEMS: YES
========== RIG VISITS ==========
> MIQUEL SANCHES (ID# 100308613) SANAD CEO, BANDAR KAKI (ID# 313220) SANAD SUPPLY CHAIN, ALI ALYAMI (ID# 90025929) SANAD ENGINEER VISITED RIG, DISCUSSED OPERATION AND ATTENDED HSE MEETING.
==========DIRECTIONAL DATA==========
> KOP 4,650'.
> LAST SURVEY: 5585' MD, 5562.08' TVD, 19.87 DEG INC & 338.75 DEG AZI.
> WELLBORE POSITION: 3.4 FT ABOVE PLAN & 5
==========
> NEXT WELL: SDGM-1287

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	7,149	25.77	338.29	94	6,975	234.01	-107.42	844.77	0.29
0	7,246	25.58	338.49	97	7,063	245.92	-112.14	886.74	0.22
0	7,341	25.74	338.68	95	7,148	257.59	-116.71	927.82	0.19
0	7,436	25.22	338.49	95	7,234	269.19	-121.26	968.64	0.55
0	7,531	24.96	338.55	95	7,320	280.62	-125.76	1,008.88	0.27
0	7,620	24.7	338.56	89	7,401	291.22	-129.92	1,046.21	0.29

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
90 PCF	0	4.6API	4	0 Volts	4.15	9.8	64,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
119	0HTHP	84	23	0	10 / 12	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	2	17	12	10 / 11	5	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
90 PCF	0	4.8API	3	0 Volts	4.11	9.9	64,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
118	0HTHP	85	24	0	10 / 13	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	2	17	12	10 / 12	5	280	0

MUD TREATMENT

ARC-FIBER-F	DRILL ZONE	XC	FLO-TROL	GEM-GP	ECCO-TEMP	KLA STOP
40 (50LB)	4 (55GL)	2 (50LB)	80 (50LB)	4 (55GL)	2 (100LB)	4 (55GL)
LUBE-167	**MRBL-M**	**MICA-FINE**	**NEWDRLPLUS**	**S-P-EXTEND**	**SODASH**	**BARITE**
4 (55GL)	2 (2200L)	12 (50LB)	6 (25KG)	4 (55GL)	40 (100LB)	8 (5000L)
FLC2000	**CAUST**					
60 (50LB)	1 (50LBP)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
6RR	5,712	7,738	DP Av	DC Av	Bit HHP	40	130	M223	16	SMT
Pressure	**GPM**	**Jet Vel**	76	93.37	182	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,000	700	204				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							

LIMITED MORNING REPORT

SDGM-1299 DEVELOPMENT DRILLING BI-60

12/18/2025 - 03/30/2026

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	SA01387	MSI716C	10 x 12 /	1.104
	Gauge	Other	POOH Reas	
	N/A			

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	86	260	285	240	18,000		86
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	30	1,017.58	XT54	XT54	24.7	92,368.768	XD105	PREM	TALLY
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	12	5.5	3.25	361.74	987.58	XT54	XT54	52	91,627.768		CONV	TALLY
14	Crossover	RIG	8.5	1	8.5	2.813	2.6	625.84	XT54	6 5/8 FH	169	72,817.288			3002-2
13	Heavy Weight Drillpipe (HWDP)	RIG	6.625	12	6.625	4.5	369.91	623.24	6 5/8 FH	6 5/8 FH	73.19	72,377.888		CONV	TALLY
12	Crossover	RIG	8.5	1	8.5	2.813	1.92	253.33	6 5/8 FH	6 5/8 REG	169	45,304.176			1836042-4
11	Drillcollar	RIG	8.5	3	8.5	2.813	89.53	251.41	6 5/8 REG	6 5/8 REG	169	44,979.696		SPRL	TALLY
10	Hydraulic Jar	TO1	8.25	1	8.25	3	33.38	161.88	6 5/8 REG	6 5/8 REG	164.8	29,849.126		SPRL	DJ6-800-431
9	Drillcollar	RIG	8.5	2	8.5	2.813	59.58	128.5	6 5/8 REG	6 5/8 REG	169	24,348.102		SPRL	TALLY
8	Crossover	RIG	9.5	1	9.5	2.813	2.3	68.92	6 5/8 REG	7 5/8 REG	217	14,279.082			3002-411
7	PBL (Multiple Activation By Pass)	DSI	9.5	1	9.5	3.5	8.82	66.62	7 7/8 REG	7 5/8 REG	217	13,779.982			HYD950BP38
6	FIlter Sub	WDS	9.5	1	9.5	3	5.2	57.8	7 5/8 REG	7 5/8 REG	217	11,866.042			TUE-25-00001
5	Float Sub	WDS	9.5	1	9.5	3	3	52.6	7 5/8 REG	7 5/8 REG	217	10,737.642			16992220-02-8
4	Stabilizer	WDS	16	1	9.5	3	6.7	49.6	7 5/8 REG	7 5/8 REG	217	10,086.642			TOTA-301390
3	Measurement While Drilling (MWD)	WDS	9.5	1	9.5	2.75	23.41	42.9	7 5/8 REG	7 5/8 REG	200.15	8,632.742			AK260036
2	RSS	WDS	9.5	1	9.5	1.25	18.19	19.49	7 5/8 REG	7 5/8 REG	217	3,947.23			AK260043
1	Bit	SMT	16	1	16		1.3	1.3	7 5/8 REG			0			SA01387

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	01/15/2026	CALM	N/A	SWASONAL	1,367	HSE ALERTS

PERSONNEL AND SERVICES INFORMATION

Company	SBT	GOS	WDS	RIG	SMI	MJH	RIG	RUE	PW	WDS	RIG	ARM	MI2	OTH	ARM	WWB
Category	BITS	CTRG	DPDS	RIG	DFMS	SEC	SEC	H2S	ISPCT	LWD	OTHR	OTHR	SCS	VAC	WSC	WBCS
No. of Persons	1	16	2	40	2	8	2	1	3	2	4	5	3	1	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	12	24	24	0	0	24	12	12	12	12	24	10	24	24

Total
94

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
E979	RIG AMBULANCE	RIG BUS COASTER	SANAD PICK UP CAR

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	522	N/A	N/A	6300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-5005 DEVELOPMENT DRILLING BI-60

11/15/2025 - 03/14/2026

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SND-3003 @ HRDH-5005 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SND-3003 Well HRDH-5005 Wellbores: (0) HRDH_5005_0	Charge #: (66-25058-5005) Wellbores: (0) HRDH_5005_0	Objective : (MK-2 VERTICAL PILOT HOLE 150FT INTO PUZU WITH SIDETRACK OPTION)	Foreman(s) BOUTCHICHA, ABDERRAHIM / MARQUINA RAMIREZ, DANIEL LEONARDO Engineer CARO MENDOZA, JUAN CARLOS Manager ALWAN, MAYTHAM MERZA

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 798	5779638	8805055

CONTRACTOR /CLERK VSA T: 5779643

Last 24 hr operations	Next 24 hr plan
RIH WITH 22' ROTARY BHA. DRILL OUT CEMENT & FLOATS. DISPLACE MUD. RTR DRILL 22" SECTION.	RTR DRILL 22" SECTION TO TD @ 5,019' (50 IN MID TAMAMA).

Location	Next Location
AFTER HRDH BRIDGE, 25 KM ON KHARKHEER ROAD, THEN RIGHT 8 KM ON SKID ROAD.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
2,550	24	2464					

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2465	11.4 (01/16/2026@1900)	100	85	284	284

Formation Tops

Formations	Top Depth	Comments
RUS	450	85' TVD DEEPER THAN PROGNOSIS
AHMD	2,430	85' SHALLOWER THAN PROGNOSIS

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1015	5.25	0	28	N	DRLG	HT	BHA	RIG	2465	2465			HELD PJSM. P/U & M/U 22" RTR DRLG BHA. FLUSH SAME. > 22" NEW REED TCI BIT (TH42A) + NBRR, 12" OIL-SERV SHOCK-SUB + STRR, 1 JT 9.5" DC + STRR + 12 JTS 9.5" DC + 9.5" D-JAR + 3 JTS 9.5" DC + X/O, 6 JTS OF 8.5" DC'S, X/O, 9 JTS OF 6-5/8" HWDP'S, X/O, 9 JTS OF 5.5" HWDP'S. > RIH SHOCK-SUB @ 23:00 HRS. > RIH JAR @ 04:00 HRS.
1015 - 1215	2	0	28	N	DRLG	RR	DWKS	RIG	2465	2465			SLIP AND CUT DRILLING LINE
1215 - 1245	0.5	0	28	N	DRLG	RR	TDS	RIG	2465	2465			RIG SERVICE
1245 - 1300	0.25	0	28	N	DRLG	TI	STDP	RIG	2465	2465	1285	2100	RIH WITH 22" RTR DRILL ASSY IN CASED HOLE
1300 - 1445	1.75	0	28	N	DRLG	RW	BIT	RIG	2465	2465	2100	2346	WASH DOWN CAREFULY WITH WATER & TAG TOC @ 2,346'.
1445 - 1930	4.75	0	28	N	DRLG	DC	TDS	RIG	2465	2465	2350	2454	DRILL OUT CEMENT, F/C @ 2,376' & CEMENT TO 10' ABOVE THE 24" F/S. > VERRY HARD CEMENT.
1930 - 1945	0.25	0	28	N	DRLG	PTST	MPMP	RIG	2465	2465			PRESSURE TEST 24" CSG AT 500 PSI - GOOD TEST.
1945 - 2015	0.5	0	28	N	DRLG	DC	TDS	RIG	2465	2465	2454	2465	DRILL OUT CEMENT, F/S @ 2464' & RATE HOLE TO 2465'. > VERRY HARD CEMENT
2015 - 2100	0.75	0	22	N	DRLG	D	TDS	RIG	2465	2475			22" RTR DRILLING 10' IN NEW FORMATION UP TO 2,475'.
2100 - 2300	2	0	22	N	DRLG	CIRC	MPMP	RIG	2475	2475			PUMP 100 BBLS HI-VIS PILL AND DISPLACE TO 67 PPG PHPA MUD SYSTEM
2300 - 0459	6	0	22	N	DRLG	D	TDS	RIG	2475	2550			22" RTR DRILLING SECTION WITH WBM 67 PCF. >DRILL WITH REDUCED PARAMETERS TILL ALL STB OUT OF CASED HOLE.

Foreman Remarks

HRDH-5005 IS PLANNED TO BE DRILLED AS MK-2 VERTICAL PILOT HOLE DELINEATION TARGETING UNZA AND UZBC TO A WELL TD OF 150 FT INTO PUZU. BASED ON OH LOGS, IT WILL BE COMPLETED OR SIDETRACKED. COMPLETION WILL BE IN EITHER CASE 15K CEMENTED LINER.

========== ARAMCO PERSONNEL ==========
> ARAMCO MAT. EXP. MOHAMMED AL-SHAMMARI #814099 ON LOCATION SINCE 01/14/2026.
> PDP HOT-I JAWAD R. AL-SHABANAH #813820 ON LOCATION SINCE 01/21/2026.
> PDP HOT-I ABDULAZIZ H. AL-OTAIBI #790070 OFF LOCATION SINCE 01/12/2026.
> PDP HOT-II HATIM A. AL-SHEHRI #794835 ON LOCATION SINCE 01/22/2026.
> FCT AHMAD AL HARBI #740732 OFF LOCATION SINCE 01/21/2026.
> PDP EVALUATOR DAN SANDEL # 804592 ON LOCATION SINCE 01/25/26

========== 3RD PARTY SERVICES & PERSONNEL ==========
> EMEC MUD ENG ON LOCATION SINCE 01/10/2026.
> PWS ON LOCATION SINCE 1/26/2026 @ 11:00 AM.

========== RENTAL EQUIPMENT ==========
> RECEIVED 12" SHOCK SUB OIL SERV (ST-1200-0054) ON 01/24/2026 @ 17:00. P/U ON 01/26/26 @ 23:00
> RECEIVED 9-1/2" OIL SERV HM JAR (HMJ-950-0011) ON 01/24/2026 @ 17:00. P/U ON 01/27/26 @ 04:00

========== HSE DAILY REPORT==========
PRE-TOUR SAFETY MEETING: DISCUSSED ONGOING RIG UP OPERATIONS.
* SAFETY TOPICS:
>NGGDD WEEKLY INCIDENT SUMMARY | WEEK 5

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-5005 DEVELOPMENT DRILLING BI-60

11/15/2025 - 03/14/2026

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* HSE ALERT: 08-26- ROUSTABOUT ANKLE TWISTED
* HSE ALERT: 09-26 - TRUCK ROLLOVER
* HSE ALERT: 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION
> PERFORM H2S DRILL WITH RIG PERSONNEL

========== NEXT LOCATION==========
> HRDH-2751
========== RIG VISITS ==========
> SANAD SUPERINTENDENT ROMAN ADAM VISITED A RIG.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	11API	0	0 Volts	2.27	9.3	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	21	1	8 / 13	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	1	9	6	6 / 8	10	200	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
67 PCF	0	10API	0	0 Volts	4.27	9.5	700
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	94	20	1	7 / 12	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	1	9	6	6 / 8	10	200	0

MUD TREATMENT

XC	HYSTAR-P	CAUST	MRBL-M	BENT	CITRICACID	S-PHPA-S
10 (25KG)	160 (55LB)	9 (55LB)	2 (2200L)	10 (2200L)	8 (100LB)	18 (55LB)
SODASH	**BICB**					
9 (100LB)	10 (55LB)					

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
3	2,465	2,550	DP Av	DC Av	Bit HHP	30	55	425	22	REED
Pressure	**GPM**	**Jet Vel**	40.51	46.69	642	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
900	750	435				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
T313871	TH42A	1 x 19 / 1 x 19	0.554							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	6	205	210	200	6,700		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	114						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	30	1,315.61	XT54	XT54	24.7	224,795.845	XD105	PREM	RIG
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	271.87	1,285.61	XT54	XT54	52.51	224,054.845		CONV	TALLY
14	Crossover	RIG	8	1	8	2.875	2.6	1,013.74	XT54	6 5/8 FH	71	209,778.952			TALLY
13	Heavy Weight Drillpipe (HWDP)	RIG	6.625	9	6.625	4.5	277.44	1,011.14	6 5/8 FH	6 5/8 FH	71.43	209,594.352		CONV	TALLY
12	Crossover	RIG	8.5	1	8.5	2.813	2.31	733.7	6 5/8 FH	6 5/8 REG	164	189,776.812			TALLY
11	Drillcollar	RIG	8.5	6	8.5	2.812	179.17	731.39	6 5/8 REG	6 5/8 REG	164	189,397.972		SPRL	TALLY
10	Crossover	RIG	9.5	1	9.5	2.813	2.58	552.22	6 5/8 REG	7 5/8 REG	216	160,014.092			OA63466-1-3
9	Drillcollar	RIG	9.5	3	9.5	3	91.81	549.64	7 5/8 REG	7 5/8 REG	216.94	159,456.812		SPRL	TALLY
8	Hydro-Mechanical Jar	OJR	9.5	1	9.5		32.72	457.83			216	139,539.551			HMJ-950-0011
7	Drillcollar	RIG	9.5	12	9.5	3	354.51	425.11	7 5/8 REG	7 5/8 REG	216.94	132,472.031		SPRL	TALLY
6	String Reamer	RIG	22	1	9.625	3	9.22	70.6	7 5/8 REG	7 5/8 REG	220	55,564.632			OP-5698795-10
5	Drillcollar	RIG	9.5	1	9.5	3	29.14	61.38	7 5/8 REG	7 5/8 REG	216.94	53,536.232		SPRL	TALLY
4	String Reamer	RIG	22	1	9.625	3	8.95	32.24	7 5/8 REG	7 5/8 REG	220	47,214.6			791821
3	Shock Sub	OJR	12	1	12	3	11.03	23.29	7 5/8 REG	7 5/8 REG	3,900	45,245.6			STD-1200-0054
2	Near Bit Roller Reamer	RIG	22	1	9.5	3	10.13	12.26	7 5/8 REG	7 5/8 REG	220	2,228.6		3 POINT	121-226-3-2
1	Bit	REED	22	1	22		2.13	2.13				0			T313871

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	N/A	SEASONAL	N/A	SEASONAL	2,980	PRE-TOUR MEETINGS X 2

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-5005 DEVELOPMENT DRILLING BI-60

11/15/2025 - 03/14/2026

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PERSONNEL AND SERVICES INFORMATION

Company	RTC	SWK	RIG	EMC	MJH	PW	RIG	ARM	ARM
Category	BITS	CTRG	RIG	DFMS	SEC	ISPCT	OTHR	OTHR	WSC
No. of Persons	1	16	40	1	5	4	12	4	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	12	0	24	24	0	12	12	12	24

Total
85

TRUCKS/BOATS

Standby/Tankers	Others	Others
ARAMCO CAR H727	RIG AMBULANCE	COASTER BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	606	198	66	2200

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

ABSF-69 WORKOVER-7 BI-60

11/20/2025 - 02/02/2026

SNT-025 @ ABSF-69 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SNT-025	(71-25019-0069)	(FUNCTION TEST ESP)	ALI, MOHAMED ELSAYED HASSAN / MUJARRI, MOHAMMED MOUSA LOONI, QADIR DAD

Well: ABSF-69
Wellbores: (1) ABSF_69_2

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216212 81372	013-378644 5	013-378644 6 (RADIO O P)

OTHER VSAT	CONTRACTOR /CLERK VSA T
013-829386 2 (OIM)	013-378644 7 (CLERK)

Last 24 hr operations
R/D SURFACE LINES ON ABSF-68, REARRANGE DROP DECK PANELS, R/U UPSTREAM LINE ON ABSF-69, FLUSH & PT SURFACE LINES.

Next 24 hr plan
FUNCTION TEST APC ESP FOR WELL ABSF-69 THRU TAQA WELL TESTING ZERO FLARING PACKAGE TO THE GOSP LINE, FLUSH SURFACE LINES, R/D TAQA WELL TESTING PACKAGE

Location	Next Location
ABSF-64/69 PF	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
11,850	9 5/8	5002	4969	7	3,360	7,660	6,618

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
11850	32.2 (@)		0	86	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
1700 - 2000	3	1	PRE	N	RM	RD	NA	RIG	11850	11850			HPJSM, FLUSH & R/D SURFACE LINES FROM ABSF-68 X-TREE, CONNECT TREE CAP, AND SECURE X-TREE. - CONNECT ABSF-68 PLATFORM X-TREE FLOWLINE AND PRESSURE TEST W/ 800 PSI. OK.
2000 - 0000	4	1	PRE	N	RM	OTH	NA	RIG	11850	11850			HPJSM, RE-ARRANGE DROP DECK PANELS OVER ABSF-69 WELL, SECURE SAME AND INSTALL SECONDARY RETENTION.
0000 - 0330	3.5	1	PRE	N	RM	RU	NA	RIG	11850	11850			HPJSM, R/U SURFACE LINES TO ABSF-69 TREE. FLUSH LINES. PT UPSTREAM TO 300/2500 PSI.
0330 - 0459	1.5	1	PRE	N	RM	RU	NA	RIG	11850	11850			APC CONNECT SURFACE CABLE FROM WELLHEAD TO PORTABLE VSD AND CHECK ESP READING PRIOR ESP FUCNTION TEST.

Workover Objectives

Foreman Remarks

CURRENT LOCATION ABSF-64/69 PF (ABSF-67, 69 & 68 SIDETRACK WELLS, ABSF-65 CHANGE OUT X-TREE)
* HEADING: 330 DEGREE. WATER DEPTH 141 FT.
* NO ANCHORING RESTRICTION ON PORT SIDE OR STARBOARD SIDE.
==========
** CURRENT WELL: ABSF-69
** COMPLETED WELLS: ABSF-67, ABSF-65 & ABSF-68.
==========
** NEXT PLATFORM:- ABSF-6, 145/149, 190 PF.
- RIG MOVE MEETING REQUEST RM-2025-4013602 CONDUCTED AND RECEIVED RMM NOTES.
- SBS CRM#8800025041 CONDUCTED AND RECIEVED REPORT @ 12/11/2025.
- BOREHOLE DATA SHARED WITH DPS TEAM, RECIEVED LPA AND RIG MOVE APPROVAL FROM DPS.
- CONDUCTED PLTFM 1ST VISIT ON 17-NOV-2025, CHECKED SIMOPS READINESS, FOUND HYDRAULIC WELLHEAD SAFETY PANEL NOT WORKING PROPERLY & NEED SERVICES AS PER FIELD SERVICES MAIL, HYDRAULIC UNIT ISSUE SOLVED.
==========
* ABSF-64/69 SIMOPS CURRENT STATUS:- SIMOPS OPERATION NOT STARTED YET.
- BELOW FINDINGS WERE FOUND DURING PLATFORM VISIT ON OCTOBER 09, 2025 :
- PLATFORM MAIN ZV VALVE STUCK IN OPEN POSITION.
- ABSF FIELD SERVICE CREW AND MAINTENANCE TEAM VISITED PLATFORM ON 10/13/2025 AND WORKED ON PLATFORM TO PREPARE FOR SIMOPS. (FIXED SSV FOR ABSF-120 SACRIFICIAL WELL AND FOR ABSF-69), TROUBLE SHOOTING ZV.
- FIELD SERVICE CREW AND MAINTENANCE TEAM VISITED RIG ON OCTOBER 14, 15,16,17 & 18 TO TROUBLE SHOOTING ZV AND MOV, WITH NO SUCCESS.
* GET CONFIRMATION TO ABORT SIMOPS OPERATION @ 10/27/2025 DUE TO STUCK OPEN ZV.
==========
SUSPENSION KIT ONBOARD: - 1 X 7" EZSV & 2 X 7" FAS DRILL.
==========
ARAMCO PERSONAL:
** RIG CLERK : AHMED AMEEN MOHAMED FAROOK ID#8518460 ARRIVED ON 17-JAN-2025.
** ARAMCO FCT, FARIS M. ALASLANI ID#790749 ON ON LOCATION SINCE 20-JAN-2026.
==========LC-50 SAMPLE==========
** SENT OBM SAMPLE FOR LC-50 TOXICITY TESTING ON RAWABI-46 BOAT. MANIFEST #2400792951
==========
** LAST DPS MANAGEMENT VISIT: RIG MANAGER HAYTHAM MOHAMED ELSADEK ID#8381815 ON DECEMBER 26, 2025.
==========HSE==========
** DPS SUBMITTED 20 OBSERVATIONS IN SLS.
** DISCUSS WITH RIG CREW ARAMCO SAFETY ALERTS: HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 TRUCK ROLLOVER & HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

	Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
DAILY SURVEY	1	11,850	90	183.7		6,538	-1811.38	296.62	6,022.02	1.19
MUD DATA										
MUD TREATMENT										

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-69 WORKOVER-7 BI-60

11/20/2025 - 02/02/2026

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BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	03 - 04 KNOTS NW	0.5 - 1 FT	5 - 6 NM, 19 DEG C	4,571	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	KSC	GOS	RIG	EMC	ARM	HCM	ARM	MWT
Category	ALS	CTRG	RIG	DFMS	OTHR	PCS	WSC	WTSE
No. of Persons	3	12	51	1	2	3	2	6
Personnel on Loc. Hrs.	12	12	12	12	12	12	12	12
Operating Hours.	2	0	12	0	0	0	12	3

Total
80

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	1824	1144	860	N/A	1200

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

ABSF-68 WORKOVER-4 BI-60

12/23/2025 - 01/28/2026

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SNT-025 @ ABSF-68 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SNT-025
Well: ABSF-68
Wellbores: (0-1) ABSF_68_1

Charge #: (71-25019-0068)
Wellbores: (0-1) ABSF_68_1

Objective : (RE-ENTRY)

Foreman(s) ALI, MOHAMED ELSAYED HASSAN / MUJARRI, MOHAMMED MOUSA
Engineer LOONI, QADIR DAD
Manager SHEHRI, TALAL HASAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216212 81372	013-378644 5	013-378644 6 (RADIO O P)
OTHER VSAT	CONTRACTOR /CLERK VSA T	
013-829386 2 (OIM)	013-378644 7 (CLERK)	

Last 24 hr operations
CONTINUE FUNCTION TEST APC ESP, RMD ACCEPT ESP FUNCTION TEST, FLUSH SURFACE LINES, RELEASE FROM ABSF-68 TO ABSF-69.

Next 24 hr plan
R/D SURFACE LINES FROM ABSF-68, R/U ON ABSF-69, PT UPSTREAM, FUNCTION TEST ESP.

Location: ABSF-64/69 PF
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,823	7	7742	6534	4 1/2	6,805	9,576	6,548

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12823	29.4 (01/26/2026@0600)	100	0	86	

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1500	10	0-1	EOW	E	TEST	CPT	SEPR	MWT	12823	12823			CONT FUNCTION TEST ABSF-68 ESP & FLOWBACK THRU TAQA WELL TESTING ZERO FLARING PACKAGE WITH SAND FILTER TO GOSP. - BS&W 1 %. - TOTAL VOLUME OF FLUIDS EXPORTED TO GOSP = 7016 BBLS. - TOTAL FUNCTION TEST HR'S FOR ESP 32.5 HR'S. - ESP FUNCTION TEST ACCEPTED BY ALU & RMD. - HAD TO EXTEND FLOWBACK PERIOD AS PER RMD REQUEST AS THIS WELL IS THE FIRST HORIZONTAL WELL IN ABSF TO BE COMPLETED IN THIS LAYER & THEY NEED TO EVALUATE WELL PERFORMANCE.
1500 - 1600	1	0-1	EOW	E	TEST	OTH	NA	RIG	12823	12823			HPJSM, SHUT IN WELL RECORD DEAD HEAD PRESSURE 2240 PSI, STOP ESP, CLOSED WRSSSV, BLEED OFF PRESSURE, CHECK WLRSSSV INTEGRITY, OK, CLOSE TREE MASTER VALVE. - CHECK FINAL CABLE INTEGRITY FOR ESP AFTER FLOWBACK: PH-PH = 5.2 OHMS, PH-GR = 1.26 G.OHMS.
1600 - 1700	1	0-1	EOW	E	TEST	OTH	NA	RIG	12823	12823			HPJSM, FLUSH SURFACE LINES, R/D WELL TEST COFLEX HOSE FROM X-MASS TREE, SECURE WELL.
1700 - 1700	0	0-1	EOW	S	OT	RELS	NA	RIG	12823	12823			RELEASE RIG FROM ABSF-68 TO ABSF-69 ON 27-JAN-2026 @ 17:00 HRS.

Workover Objectives

Foreman Remarks

CURRENT LOCATION ABSF-64/69 PF (ABSF-67, 69 & 68 SIDETRACK WELLS, ABSF-65 CHANGE OUT X-TREE)
* HEADING: 330 DEGREE. WATER DEPTH 141 FT.
* NO ANCHORING RESTRICTION ON PORT SIDE OR STARBOARD SIDE.
==========
** CURRENT WELL: ABSF-68 SIDETRACK.
** ODF TO THS = 43'. RKB TO THS = 69.43' ODF CORRECTION = -26.43'.
==========
** CURRENT WELL: ABSF-68
** COMPLETED WELLS: ABSF-67 AND ABSF-65.
** SUSPENDED WELLS FOR FLOWBACK: ABSF-69
==========
** NEXT PLATFORM:- ABSF-6, 145/149, 190 PF.
- RIG MOVE MEETING REQUEST RM-2025-4013602 CONDUCTED AND RECEIVED RMM NOTES.
- SBS CRM#8800025041 CONDUCTED AND RECIEVED REPORT @ 12/11/2025.
- BOREHOLE DATA SHARED WITH DPS TEAM, RECIEVED LPA AND RIG MOVE APPROVAL FROM DPS.
- CONDUCTED PLTFM 1ST VISIT ON 17-NOV-2025, CHECKED SIMOPS READINESS, FOUND HYDRAULIC WELLHEAD SAFETY PANEL NOT WORKING PROPERLY & NEED SERVICES.
==========
* ABSF-64/69 SIMOPS CURRENT STATUS:- SIMOPS OPERATION NOT STARTED YET.
- BELOW FINDINGS WERE FOUND DURING PLATFORM VISIT ON OCTOBER 09, 2025 :
- PLATFORM MAIN ZV VALVE STUCK IN OPEN POSITION.
- ABSF FIELD SERVICE CREW AND MAINTENANCE TEAM VISITED PLATFORM ON 10/13/2025 AND WORKED ON PLATFORM TO PREPARE FOR SIMOPS. (FIXED SSV FOR ABSF-120 SACRIFICIAL WELL AND FOR ABSF-69), TROUBLE SHOOTING ZV.
- FIELD SERVICE CREW AND MAINTENANCE TEAM VISITED RIG ON OCTOBER 14, 15,16,17 & 18 TO TROUBLE SHOOTING ZV AND MOV, WITH NO SUCCESS.
* GET CONFIRMATION TO ABORT SIMOPS OPERATION @ 10/27/2025 DUE TO STUCK OPEN ZV.
==========
SUSPENSION KIT ONBOARD: - 1 X 7" EZSV & 2 X 7" FAS DRILL.
==========
ARAMCO PERSONAL:
** RIG CLERK : AHMED AMEEN MOHAMED FAROOK ID#8518460 ARRIVED ON 17-JAN-2025.
** ARAMCO FCT, FARIS M. ALASLANI ID#790749 ON ON LOCATION SINCE 20-JAN-2026.
==========LC-50 SAMPLE==========
** SENT OBM SAMPLE FOR LC-50 TOXICITY TESTING ON RAWABI-46 BOAT. MANIFEST #2400792951
==========
** LAST DPS MANAGEMENT VISIT: RIG MANAGER HAYTHAM MOHAMED ELSADEK ID#8381815 ON DECEMBER 26, 2025.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

ABSF-68 WORKOVER-4 BI-60

12/23/2025 - 01/28/2026

أرامكو السعودية
saudi aramco

==========HSE==========
** DPS SUBMITTED 20 OBSERVATIONS IN SLS.
** DISCUSS WITH RIG CREW ARAMCO SAFETY ALERTS: HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 TRUCK ROLLOVER & HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0-1	12,823	89.9	179	0	6,513	-2294.92	57.3	7,531.62	0.59

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	03 - 04 KNOTS NW	0.5 - 1 FT	5 - 6 NM, 19 DEG C	4,571	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	KSC	GOS	RIG	EMC	ARM	HCM	ARM	MWT
Category	ALS	CTRG	RIG	DFMS	OTHR	PCS	WSC	WTSE
No. of Persons	3	12	51	1	2	3	2	6
Personnel on Loc. Hrs.	12	12	12	12	12	12	12	12
Operating Hours.	12	0	12	12	12	0	12	12

Total
80

TRUCKS/BOATS

Standby/Tankers
ZAMIL-501

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	1824	1144	860	N/A	1200

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

05/08/2010 - 06/25/2026

أرامكو السعودية
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SP-103 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-103
Well: *RIG MAINTENANCE*
Wellbores:

Charge #: ()
Wellbores:

Objective : (RIG MAINTENANCE)

Foreman(s): TOUIMER, HADJ ALI / ALZAID, ZAID JAMAL
Engineer: ALOTAIBI, SROOR TURKI / GHUWAINEM, HIND MAJED
Manager: AKBAR, HUSSAIN QASSIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677711 526	0136791892	0136791890
FAX VSAT	CONTRACTOR /CLERK VSA T	
8806516	0136791891	

Last 24 hr operations
PERFORMING CAT IV PLANNED MAINTENANCE , 95% PROGRESS.

Next 24 hr plan
CONTINUE PERFORMING CAT IV PLANNED MAINTENANCE.

Location: KRSN-144
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0		0	0				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					HELD SAFETY MEETING WITH RIG CREW AND MOVERS & HIGHLIGHTED ALL RIG MOVE SAFETY PRECAUTIONS. ** RIG MAINTENANCE DATA: >> TOTAL MAINTENANCE DAYS SINCE RELEASE: 31.3 DAYS. >> PLANNED CAT-IV MAINTENANCE TIME: 38 DAYS. >> CARRY OUT SINOPEC PLANNED CAT IV MAINTENANCE ON WELL KRSN-106 LOCATION. >> TOTAL MAINTENANCE PROGRESS: 95 %. ****MAST & SUB-BASE: 100% PROGRESS. - SANDBLASTING, CAT IV INSPECTION, PAINT, CHANGE BRIDLE LINE SHEAVES, CHANGE TO NEW DEADLINE ANCHOR & CHANGE TO NEW STANDPIPES. - NEW ROTARY TABLE CAT-III INSPECTION. - RIG FLOOR, DOG HOUSE , LADDERS, INSPECTION, REPAIR & PAINTING. **** MUD PUMPS: PROGRESS 90% . - OVERHAUL OF THE MUD PUMP MOTOR IN WORKSHOP & CHANGE TO ONE NEW MUD PUMP RECEIVED ON LOCATION. **** DRAW WORKS: PROGRESS: 90%. - CHANGE TO ONE NEW ONE DRAW-WORKS RECEIVED ION LOCATION. **** MUD TANKS: PROGRESS: 90 %. ASSESS THE DEGREE OF INTERNAL WALL CORROSION IN MUD STORAGE TANKS, SPRAY ANTI-CORROSION COATING TO THE INTERNAL WALLS, REPLACE LIFE LINE STANCHIONS CLEANING, PAINTING OF SHALE SHAKERS AND SOLID CONTROL EQUIPMENT, SANDBLASTING NECESSARY AREA, WELDING FLOW METER FOR MUD TANK. ****CAMP: PROGRESS: 100 %. - FIX ROOMS & LEAKING ROOFS. **** ENGINE GENERATOR: PROGRESS: 100%. - CLEAN FLOOR CORROSION & PAINTING WITH NEW ANTI-SLIP FLOORING.

Foreman Remarks

========== ARAMCO PERSONNEL ==========
>> MATERIAL EXPEDITOR AL-KHALDI, SULTAN ID #8361581 ON LOCATION SINCE 01/12/2026.
>> MATERIAL EXPEDITOR DHARI ALSHAMMARI ID #8428944 ON LOCATION SINCE 01/19/2026.
>> ARAMCO FCT ABDULLAH ADI #824801 ON LOCATION SINCE 01/22/2026.
>> ARAMCO HSE ADVISOR GOWRI SHANKAR ADAPA ID# 8525313 SINCE 24-JAN-2026 FOR HSE SUPPORT.
=======- ========== STAGING AREAS ==========
KRSN-106 WELL, LOCATED STAGING AREA:
STAGING AREA 1 (N, E)
STAGING AREA 2 (N, E)
========== NEXT WELL ==========
>> KRSN-144, HELD KOM ON 5/29/2025, WELL READINESS: 100 % F/S, 100 % W/S.
>> KRSN-7, WELL READINESS: 0 % F/S, 0 % W/S
========== EMERGENCY EQUIPMENT ON LOCATION ==========
>> SINOPEC TWO 55-SEATER BUS W/TWO DRIVERS FOR 24 HR COVERAGE.
>> RTPD. EMR PORTABLE WALKIE TALKIE DEVICE IN ARAMCO FOREMAN OFFICE.
========== WATER TRUCK SUPPLY ON LOCATION ==========
>> AL ASKAR RAW WATER TANKER #6893 TRA ON LOCATION.
>> AL ASKAR RAW WATER TANKER #3951 ZRA ON LOCATION.
>> AL ASKAR RAW WATER TANKER #1834 RRA ON LOCATION.
========== DRILLS, ORBITS & SAFETY TOPICS ==========
>> DRILLS: PIT DRILLS (0) TRIP DRILLS (0) ACCUMULATOR DRILL (0).
>> OBB REPORTED: 19-OBB'S: 10714304,10714310,10714312,10714320,10714323,10714329,10714335,10714339,10714342,10714345,
10714348,10714351,10714354,10714358,10714362,10714367,10714373,10714378,10714379
========== DAILY CONSUMPTION ==========
>> DAILY DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): 25 BBLS & CUMULATIVE FOR MONTH OF JANUARY 2026=450 BBLS.
>> DAILY POTABLE WATER CONSUMPTION FOR (RIG+CAMP): 220 BBLS & CUMULATIVE FOR MONTH OF JANUARY 2026=3980 BBLS.

DAILY SURVEY

LIMITED MORNING REPORT

MAINTENANCE BI-RM

05/08/2010 - 06/25/2026

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	COLD	7,078	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	ASH	ARM	ARM	
Category	CTRG	RIG	FLD	OTHR	WSC	
No. of Persons	14	62	3	3	2	Total 84
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
PICK UP B846	52 PASSENGER BUS AT RIG S	46 PASSENGER BUS AT CAMP	3 X RAW WATER TRUCK	GASOLINE - 51 BBLS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1000	220	314	80	92	750

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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UMTL-802 EXPLORATION DRILLING BI-3300

01/16/2026 - 02/14/2026

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SP-105 @ UMTL-802 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-105
Well: UMTL-802
Wellbores: (0) UMTL_802_0

Charge #: (63-26828-0802)
Wellbores: (0) UMTL_802_0

Objective : (WATER SUPPLY)

Foreman(s) ABA ALTAHEEN, ALI HADI / MENAS, MUSTAPHA
Engineer ZIA, YASSAR KAMAL
Manager KHALDI, FALAH ALI

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 2248	5763184	0135779621

Last 24 hr operations
RIG UP ON UMTL-802 ,WAIT ON DAYLIGHT.

Next 24 hr plan
RIG UP ON UMTL-802 ,WAIT ON DAYLIGHT.

Location
AFTER RAFHA 70 KM , TAKE LEFT 37 KM BLACK TOP, THEN TAKE LEFT 10 KM SKID ROAD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	819	819

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0	PRE	M	RM	RM	NA	RIG	0	0			HELD SAFETY MEETING WITH ALL INVOLVED PERSONNEL: * RIG DOWN ON JLMN-830.....100%. * RIG MOVE TO UMTL-802.....100%. * RIG UP ON UMTL-802 .....60%. ** RAISED THE RIG MAST @ 01/27/2025 @ 14:30 HR'S. **PCI TOTAL ITEMS =107 P1: # TOTAL ITEM = 07, # ITEM OPEN = 00, # ITEM CLOSED=07. P2: # TOTAL ITEM = 95, # ITEM OPEN = 02, # ITEM CLOSED=93. P3: # TOTAL ITEM = 05, # ITEM OPEN = 02, # ITEM CLOSED=03.
1700 - 0459	12	0	PRE	M	RM	RM	NA	RIG	0	0			WAIT ON DAYLIGHT.

Foreman Remarks

OBJECTIVES:
THE OBJECTIVE OF DRILLING UMTL-802 WILL BE USED AS DRILLING WATER SUPPLY WELL SUPPORTING EXPLORATORY CONVENTIONAL WELL UMTL-2.
THE WELL WILL BE COMPLETED WITH +/- 720 FT OF 7" SCREENS LINER SPACED ACROSS DHRM AQUIFER SAND. 1.24MM TO 1.86 GRAVEL PACK SHOULD BE INSTALLED ACROSS 7" SCREENS.
=
NEAREST HOSPITAL FOR EMERGENCY CONTACT
-UWAYQILAH GENERAL HOSPITAL (TOTAL: 115 KM) (TEL: 014-669-0481)
=
NEXT LOCATION:
WELL NAME: ABLZ-803.
LOCATION READINESS: NOT READY.
=
WELL DESIGN:
- 24" CSG.@+/- 124' RKB.
- 18-5/8"CSG.@+/-574' RKB.
- 13-3/8"CSG.@ +/-2004' RKB.
- 7" SCREEN LINER (12-1/4" HOLE SECTION)@+/- 2724' RKB.
=
ELEVATION F/RIG FLOOR TO GROUND LEVEL: 24 FT
CUSTOMIZE MUD LOGGING SERVICES IS REQUIRED IN THIS WELL FROM SURFACE TO TD
=
RIG LOCATION: AFTER RAFHA 70 KM , TAKE LEFT 37 KM BLACK TOP, THEN TAKE LEFT 11 KM SKID ROAD.
=
SAFETY:
DISCUSSED DROPPED OBJECTS HAZARD IDENTIFICATION,DROPS PREVENTION REQUIREMENT WITH CREW, SAFE WORK AUTHORITY.
STOP CARDS: 08
DRILLS: NIL.
=
RENTAL TOOLS:
*RECEIVED OILSERV SHOCK SUB 12" S/N: ST-1200-0046 @ 01/27/2026 13:30 HRS
=
ARAMCO:
- BILAL AHMED #8642781 ARAMCO CLERK ARRIVED ON LOCATION ON 09/27/2025.
=
- CONDUCTED DAILY COMMUNICATION CHECK WITH DHAHRAN DRILLING ECC BY PHONE @ 15:00 (NO SIGNAL)
=
ARAMCO SERVICE COMPANY:
* EXLOG MUD LOGGING UNIT RECEIVED ON 1/21/2026.
* ARRIVED 2X EXLOG MUD LOGGERS ON 1/26/2026 AT 12:00PM.
=
SINOPEC TANKERS, HEAVY EQUIPMENT&VEHICLES ON LOCATION
- 10 RAW WATER TANKERS & 1 SWEET WATER TANKER
- 1 SINOPEC 4X4 AMBULANCE CAR

LIMITED MORNING REPORT

UMTL-802 EXPLORATION DRILLING BI-3300

01/16/2026 - 02/14/2026

- 1 SINOPEC PICK-UP CAR
=
MAIN WATER SOURCE: ZHWH-801 (STRAIGHT DISTANCE: 75 KM; ROUND TRIP: 150 KM)
BACKUP WATER SOURCE: TLUL-801 (STRAIGHT DISTANCE: 154 KM; ROUND TRIP: 308 KM)
=
DRILLING WASTE MANAGEMENT TILL 0 FT (RKB):
- FLUID: DAILY= 0 M3 / TOTAL= 0 M3
- CUTTING: DAILY= 0 M3 / TOTAL= 0 M3
=
MUD PIT RECYCLED WATER VOLUME(M3)
- DAILY RECYCLED WATER VOLUME: 0 M3
- TOTAL RECYCLED WATER VOLUME: 0 M3
=
DIESEL CONSUMPTION:
-DAILY ARAMCO DIESEL CONSUMPTION: 0 BBL. TOTAL ARAMCO DIESEL CONSUMPTION: 0 BBL.
-DAILY SINOPEC DIESEL CONSUMPTION: 20 BBL . TOTAL SINOPEC DIESEL CONSUMPTION: 190 BBL.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	555	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SCC	RIG	OES	XLG	RIG	ARM	ARM	Total 73
Category	CTRG	RIG	DFMS	MLS	OTHR	OTHR	WSC	
No. of Persons	11	40	1	2	16	1	2	
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	
Operating Hours.	0	12	12	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	290	N/A	N/A	1800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ANDR-3040 DEVELOPMENT DRILLING BI-60

01/02/2026 - 02/27/2026

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SP-110 @ ANDR-3040 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-110
Well: ANDR-3040
Wellbores: (0) ANDR_3040_0

Charge #: (66-25056-3040)
Wellbores: (0) ANDR_3040_0

Objective : (OIL-PRODUCER, COMPLETED W/ 4-1/2" TBG EQUIPPED WITH 7" PRODUCTION PAKER AND TWO PDHMS)

Foreman(s): ABDLY, ALSHAREEF SULTAN ABDULELAH / ALREFAEI, TAMER MOHAMED
Engineer: BAGHDADY, WALEED MOHAMED
Manager: MUTAIRI, NAIF MUTLAQ

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 714	0136791873	0135773553

CONTRACTOR /CLERK VSA T: 0135773964

Last 24 hr operations
MRSS DRLG 8-1/2" DIRC HOLE TO 7,950' (1,630' REMAINING).

Next 24 hr plan
CONT. DIRC DRLG 8-1/2" HOLE TO 7" LP @ +/- 9,580' MD (2' TVD ABOVE LFDR), CHC, WIPER TRIP, CHC & SPOT LNR GO PILL & POOH W/DRLG BHA.

Location
ANDR FIELD 0.513 KM S39W OF ANDR-478 AND 0.519 KM S12W OF ANDR-87

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,950	9 5/8	6640	6640				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6652	26.7 (01/01/2026@0500)	100	1,298	113	113

Formation Tops

Formations	Top Depth	Comments
RUS	645	15" SHALLOWER AS PER RCC.
UMER	790	26' DEEPER AS PER RCC.
ARUM	1,825	118' DEEPER AS PER RCC.
LAMS	2,295	93' DEEPER AS PER RCC.
AHMD	2,665	68' DEEPER AS PER RCC.
SFNY	2,950	67' DEEPER AS PER RCC.
SHUB	3,720	28' DEEPER AS PER RCC.
BYDH	3,940	58' DEEPER AS PER RCC.
MDTM	4,710	22' DEEPER AS PER RCC.
SULY	5,220	29' DEEPER AS PER GOC
HITH	5,764	16' DEEPER AS PER GOC
ABAR	6,256	21' DEEPER AS PER GOC
ARBB	6,295	23' DEEPER AS PER GOC
ABBR	6,342	21' DEEPER AS PER GOC
ARBC	6,375	18' DEEPER AS PER GOC
ABCR	6,468	16' DEEPER AS PER GOC
ABC4	6,517	15' DEEPER AS PER GOC
ARBD	6,562	18' DEEPER AS PER GOC
PADS	6,657	14' DEEPER AS PER GOC
BPDS	6,660	11' DEEPER AS PER GOC
ABD1	6,672	14' DEEPER AS PER GOC
AD2A	6,683	17' DEEPER AS PER GOC
AD2B	6,739	2' DEEPER AS PER GOC
AD3A	6,838	4' DEEPER AS PER GOC
AD3B	6,888	1' SHALLOW AS PER GOC
ABD4	6,948	6,946' TVD, 1' DEEPER AS PER GOC
BADR	6,990	6,987' TVD, 2' DEEPER AS PER GOC
UHNF	7,467	7,426' TVD, 7' DEEPER AS PER GOC
BUHR	7,681	7,597' TVD, 7' DEEPER AS PER GOC

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	8 1/2	N	DRLG	LOG	LWD	BHI	6652	6652	6590	6652	CONT. RE-LOG F/ 6,590' T/ BTM @ 6,652' AS PER GOC INSTRUCTIONS W/ 82 PCF WBM & 100% CIRC.
0600 - 0430	22.5	0	8 1/2	N	DRLG	DMR	MRSS	BHI	6652	7950			BHI MRSS DRILL 8-1/2" DIRC HOLE W/ 82 PCF LSND POLYMER MUD & 100% RETURN TO 7,950'. > FOLLOW DIRC PLAN ANDR-3040_0_REV-B.0 (PWP). > CONTROL PARAMETERS UNTILL BHA OUT FROM SHOE. > CONTROL DRLG PARAMETERS FROM TIME TO TIME TO ACHIEVE DIRC PLAN. > REAM UP AND DOWN ONE JT EACH DRLD STD. > SWEEP HOLE WITH TANDUM LVP/HWP PERIODICALLY. > WELL PATH POSITION: 3.1 FT ABOVE / 4.9 FT LEFT.
0430 - 0459	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	7950	7950			SERVICE TDS.

Foreman Remarks

ANDR-3040, WHICH WILL BE DRILLED AS SINGLE LATERAL OIL PRODUCER TARGETTING LFDL RESERVOIR, COMPLETION WILL BE 4-1/2" TUBING EQUIPPED WITH 7" PRODUCTION PACKER AND TWO PDHMS.
- GOR: ARAB-D (583 SCF/STB. H2S IS 2%), LFDR (750 SCF/STB. H2S IS 0.77%),
- H2S ARAB-D: 0.77% MOL, (RER) IS 1/2 LFL: 268 M, 100PPM: 567 M, 30PPM: 1001 M FOR ARAB-D..
-

30" CP PLANNED TO +/- 120, ACTUAL 119'.
24" CP (CONTINGENT) PLANNED +/- 710' (+/- 50 FT INTO RUS), ACTUAL 678' (33' INSIDE RUS).
18 5/8" CP PLANNED TO +/- 2,647 FT (+/- 50 FT INTO AHMADI), ACTUAL 2,714' (50' INTO AHMADI FM).
13 5/8" CP PLANNED TO +/- 4,788 FT (+/- 100 FT INTO MDTM), ACTUAL 4,806' (98' INTO MDTHM FM).
9 5/8" CP PLANNED TO +/- 6,656 FT (+/- 2 FT TVD ABOVE ABD-1), ACTUAL 6,642' (20' MD ABOVE PADS FM).
KOP @ 6,710 FT (ARAB-D ZONE 2A)
7" LP PLANNED TO +/- 9,375/7,337 FT (MD/TVD) - (+/- 2 FT TVD ABOVE LFDR), ACTUAL XXXX'.

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LIMITED MORNING REPORT

ANDR-3040 DEVELOPMENT DRILLING BI-60

01/02/2026 - 02/27/2026

أرامكو السعودية
saudi aramco

========== ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO FOREMAN ABDULRAHMAN MUSHARY#257828 ON LOCATION SINCE JAN 27, 2026.
- ARAMCO FOREMAN ABDHAMID BASH#897877 ON COURSE.
- ARAMCO ME HOSSAM EL-HAMMADY #825271 ON LOCATION SINCE 1/20/26.
- ARAMCO ME SALMAN ALOTAIBI #8586319 ON LOCATION SINCE JAN 27, 2026.
- ARAMCO ME MOAYAD ALOPTHANI #786576 ON LOCATION SINCE JAN 27, 2026.
========== SERVICE COMPANY ==========

========== ==========ERP ==========
- STAGING AREA #1: LOCATED AT 2.0 KM SOUTH/WEST FROM ANDR-3040
- STAGING AREA #2: LOCATED AT 1.8 KM NORTH/EAST FROM ANDR-3040
- RAWABI STAND ALONE SENSOR FOR WELL ANDR-478 INSTALLED ON 1-13-2026.
========== NEXT WELL ==========
NEXT WELL: FRHH-4
NEXT WATER WELL: ABJF-834
APPROVED PROGRAM: NO
APPROVED ERP: NO
LOCATION READINESS: 25% ON 1-27-26.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	6,720	2.28	224.66		6,720	9.99	-8.36	42.75	1.62
0	6,814	6.32	227.16	94	6,813	8.51	-9.92	42.89	4.3
0	6,907	9.86	225.57	93	6,905	5.75	-12.8	46.04	3.82
0	7,002	13.12	225.1	95	6,998	1.7	-16.9	55.73	3.43
0	7,097	16.54	226.24	95	7,090	-3.48	-22.21	73.74	3.61
0	7,191	20.08	226.84	94	7,179	-9.66	-28.74	99.49	3.77
0	7,285	24.22	227.24	94	7,267	-17.02	-36.65	132.57	4.41
0	7,380	27.99	226.72	95	7,352	-25.71	-45.96	172.78	3.97
0	7,474	32.62	226.21	94	7,433	-35.67	-56.43	219.04	4.93
0	7,568	36.87	226.4	94	7,510	-46.95	-68.24	271.75	4.53
0	7,664	41.04	225.5	96	7,585	-59.74	-81.46	331.41	4.39
0	7,758	44.43	225.24	94	7,654	-73.4	-95.29	394.62	3.61
0	7,850	47.33	226.37	92	7,718	-87.43	-109.72	460.29	3.27

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	2	3.2API	0	0 Volts	5.41	9.1	141,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
135	15HTHP	84	23	0	7 / 9	LS-ND	4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
48	1	15	16	7 / 8	0	320	17.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	2	2.8API	1	0 Volts	6.25	9.4	125,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	13HTHP	83	25	0	7 / 10	LS-ND	3.6
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	1	21	16	9 / 10	0	240	16.8

MUD TREATMENT

MRBL-F	CAUST	HYPERGLIDE	SODASH	NACL	FLO-TROL	XC
15 (2200L)	4 (55LB)	5 (55GL)	15 (100LB)	15 (2200L)	70 (50LB)	4 (55LB)
PTS200	**CACO3-5**	**CACO3-25**	**CACO3-50**	**SOLFLKF**	**BACT**	**STELSL50**
2 (55GL)	20 (50LB)	40 (50LB)	40 (50LB)	10 (55LB)	4 (5GL)	40 (50LB)
STELSEALFN						
40 (50LB)						

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
8	6,652	7,950	DP Av	DC Av	Bit HHP	25	90	M223	8.5	ULTR
Pressure	**GPM**	**Jet Vel**	300.86	N/A	190	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,400	580	240				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
72473	U616M	6 x 13 /	0.778							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	186	193	177	8,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	10		0				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
18	Drillpipe	RIG	5	1	5	4.276	31	400.95	NC50	NC50	19.5	91,393.801	G105	PREM	
17	Heavy Weight Drillpipe (HWDP)	RIG	5	2	5	3	61.04	369.95	NC50	NC50	42.7	90,789.301		CONV	RIG

Username: YUAYANAL
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LIMITED MORNING REPORT

ANDR-3040 DEVELOPMENT DRILLING BI-60

01/02/2026 - 02/27/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Hydraulic Jar	WJS	6.5	1	6.5	2.75	32.14	308.91	XT54	XT54	2,400	88,182.893			1760-5656
15	Heavy Weight Drillpipe (HWDP)	RIG	5	2	5	3.063	60.62	276.77	NC50	NC50	45.2	11,046.893		CONV	RIG
14	Dogleg Reamer	NRT	8.5	1	8.5	2.625	4.05	216.15	NC50	NC50	0	8,306.869			G288631
13	Heavy Weight Drillpipe (HWDP)	RIG	5	3	5	3	90.55	212.1	NC50	NC50	42.7	8,306.869		CONV	RIG
12	FIlter Sub	BHI	6.75	1	6.625	3	5.62	121.55	NC50	NC50	0	4,440.384			14697684
11	Float Sub	BHI	6.75	1	5	3	3.43	115.93	NC50	NC50	0	4,440.384			15543647
10	Stabilizer	BHI	8.25	1	6.5	2.875	4.75	112.5	NC46	NC46	0	4,440.384			SDT8796
9	Stop Sub	BHI	6.75	1	6.75	2.5	2.14	107.75	NC50	T2	0	4,440.384			15898657
8	Logging While Drilling (LWD)	BHI	6.75	1	6.75		18	105.61	T2	T2	93.75	4,440.384			15432662
7	BCPM. Bi-directional Communication and Power Module	BHI	6.75	1	6.75	2.875	16.07	87.61	4 1/2 T2	4 1/2 T2	0	2,752.884			14240306
6	Modular Stabilizer	BHI	8.375	1	8.375	2.25	4.28	71.54	6 3/4 T2	6 3/4 T2	0	2,752.884			15836722
5	Measurement While Drilling (MWD)	BHI	6.75	1	8.25	2.165	16.92	67.26	T2	T2	162.7	2,752.884			14699084
4	Modular Stabilizer	BHI	8.375	1	8.375	2.25	3.82	50.34	6 3/4 T2	6 3/4 T2	0	0			15752019
3	Mud Motor	BHI	6.75	1	6.75	4.772	34.01	46.52	T2	T2	0	0			13587701
2	RSS	BHI	6.75	1	6.75		11.67	12.51	T2	4-1/2" REG	0	0			16361071
1	Bit	ULTR	8.5	1	8.5		0.84	0.84	4-1/2" REG			0			72473

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/25/2026	01/25/2026	SEASONAL	N/A	COLD	1,275	N/A

PERSONNEL AND SERVICES INFORMATION

Company	MSI	ULT	TGC	BHI	RIG	OES	RUE	ARM	ARM
Category	ISPCT	BITS	CTRG	DPDS	RIG	DFMS	H2S	OTHR	WSC
No. of Persons	3	1	13	4	61	2	1	3	3
Personnel on Loc. Hrs.	18	24	24	24	24	24	24	24	24
Operating Hours.	18	24	0	24	24	24	24	12	24

Total
91

TRUCKS/BOATS

Standby/Tankers
b-944

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	2600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

VSAT PHONE FOR RIG FOREMAN

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NEW RIG MOBILIZATION BI-MOB

06/01/2019 - 02/03/2026

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saudi aramco

SP-122 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SP-122 Well *MOBILIZATION* Wellbores:	Charge #: () Wellbores:	Objective : (.)	Foreman(s) ENEZY, HABES MOHAMMAD / SOUID, HAMZA Engineer ALKHATEEB ALJAAFARI, MOHAMMED ABDULAZIZ / MANZO RAMOS, JESUS EUGENIO Manager SAIARI, WALEED AAMER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 2593	013 578425 7	013 679187 4

Last 24 hr operations	Next 24 hr plan
RIG UP OPERATIONS ON SDGM-1123 & WORKING ON CLOSE PCI FINGDINGS.	RIG UP OPERATIONS ON SDGM-1123 & WORKING ON CLOSE PCI FINGDINGS.

Location	Next Location
1 KM NORTH SDGM GOSP-4	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL CREW FOR R/U OPERATIONS. - DISCUSSED RIG UP OPERATIONS HAZARDS, - GOOD COMMUNICATION, PROPER HANDOVER, - JOB SPECIFIC JSA , FALL PROTECTIONS, OVER HEAD LOADS, SLIPS, TRIPS, FALLS HAZARDS.
0600 - 0459	23		PRE	M	MAIN	RU	NA	RIG					** RIG MOVE ACTIVITIES: - RIG UP ON SDGM-1123: 97%. - DAYS SINCE START MOBILIZATION: 48 DAYS. - DISTANCE FROM SINOPEC YARD TO WELL SDGM-1123 : 143 KM. ** RIG UP ACTIVITIES: - CONTINUE GENERAL R/U OPERATION. - CONT. MPI FOR BHA..... ON GOING. - CONT. PERFORMED TRAINING FOR ALL CREWS ABOUT FIRE FIGHTING/H2S/BOP DRILLS AS ARAMCO PROCEDURES..... ON GOING. - HOUSEKEEPING & MISCELLANEOUS WORK. - WORKING ON CLOSE PCI FINGDINGS. ..... ON GOING. ***** PCI FINGINS: *** WCI: * P1: 31 FINDINGS (0 OPEN, 31 CLOSE). *** SAF & ENV: * TOTAL FINDINGS 122 (3 OPEN, 119 CLOSE). * P1: 7 FINDINGS (0 OPEN, 7 CLOSE). * P2: 108 FINDINGS (3 OPEN, 105 CLOSE). * P3: 7 FINDINGS (0 OPEN, 7 CLOSE). FOREMAN REMARKS

Foreman Remarks

-RIG MOBLIZATION FROM SANIOPEC YARD TO SDGM-1123 (143KM).

===JOURNEY MANAGEMENT PLAN===
- NIGHT DRIVING IS PROHIBITED. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
- SKID ROAD DISTANCE 5 KM WITH MOBILE COVERAGE.
-RIG LOCATION: DISTANCE FROM DHAHRAN MAIN GATE TO RIG IS 87 KM.

===ARAMCO POB & VISITORS===
- ARAMCO CLERK SHAHUL HAMEED ID# 8390668 ON LOCATION 12/27/2025.

=== ARAMCO VEHICLE ===
- ARAMCO VEHICLE NO: (E-880) ON LOCATION, NEXT PM SERVICE ON 03-22-2026
========== ==========NEXT WELLS ==========
- 1ST WELL: SDGM-1060, REN, PRE-WORKOVER MEETING DONE ON 10/21/2025, STRIP OUT 100%, LOCATION PREPARATION 50%.
- 2ND WELL: ANDR-607, REN,
- 3RD WELL: SDGM-1054, REN,

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

Username: YUAYANAL
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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/01/2019 - 02/03/2026

أرامكو السعودية
saudi aramco

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,397	N/A

PERSONNEL AND SERVICES INFORMATION

Company	OTH	RIG	RIG	ARM	ARM	EMC
Category	CTRG	RIG	OTHR	OTHR	WSC	DFMS
No. of Persons	15	54	8	1	3	1
Personnel on Loc. Hrs.	24	24	24	24	24	24
Operating Hours.	0	24	12	12	24	0

Total
82

TRUCKS/BOATS

Standby/Tankers
e880

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/27/2020 - 02/05/2026

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SP-124 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

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Last 24 hr operations	Next 24 hr plan
CONT R/U ON ABHD-30 & PCI ONGOING.	CONT R/U ON ABHD-30 & PCI.

Location	Next Location
170 KM FROM DH MAIN GATE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,708	9 5/8	7116	7116	7	3,753	7,238	7,230

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14757	0 (@)	100			

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					HPJSM WITH ALL INVOLVED PARTIES. DISCUSS RIG UP OPERATIONS, HAZARDS, WORK AT HEIGHT & SWA. - COMPLETED DROP SURVEY. - PERFORMED LOAD TEST ON BOP'S TROLLY + SUPER SACKS FRAME + CATHEADS + MEN-RIDERS + MPI INSPECTION OK - DRILL STRING + BHA INSPECTION ONGOING - CONNECT CERTIFIED HP HYDRAULIC HOSE TO KOOMEY UNIT. - MUD SYSTEM FULLY R/U & READY FOR MIXING. - WORKING ON FIRE DRILL & H2S DRILL COMPETENCIES. - ASSEMBLED & P/T BOP ON STUMP. - CLOSING OUT FINDINGS RAISED BY THE ARAMCO SAFETY OFFICER. - TRAINED NEW EMPLOYEES ON WEARING RESPIRATORS AND FIREFIGHTING SUITS, OPERATING THE HYDRAULIC TONG, RUST REMOVAL AND PAINTING OF MUD TANKS, AND PREPARING FOR SLURRY MIXING - PERFORMED H2S DRILLS. - DOE&CD STARTED PCI.... ONGOING. - R/M TO ABHD-30: 100%. - R/U ON ABHD-30: 100%.

Foreman Remarks

- ODF = 57'
- CURRENT DF = 35'
- ODF CORRECTION = +22

========== PERSONAL ON BOARD==========
- WAEL AFIFI ARAMCO HSE ADVISOR ID NO.8532530 ON LOCATION SINCE JAN 21,2026.
- ARAMCO FCT NAWAF ALZAIDI # 791041 ON LOCATION SINCE JAN 24, 2026.
- DOECD HSE ADVISOR KETAN SHERIGAR # 8071406 ON LOCATION FOR PCI SINCE JAN-27-2026.

==========RENTAL TOOLS==========

==========SAFETY==========
- DISCUSSED SAFETY ALERTS WITH CREW:

- HSE ALERT 08-26: ROUSTABOUT ANKLE TWISTED
- HSE ALERT 09-26: TRUCK ROLLOVER.
- HSE ALERT 10-26: FIRE AND PROPERTY DAMAGE IN ACCOMMODATION

==========NEXT WELLS READINESS ==========
- ABHD-158 KOM OCT-29-2025 STRIP OUT: 100%. LOCATION: 100%
- ABHD-129 KOM OCT-29-2025 STRIP OUT: 100%. LOCATION: 100%
- ABHD-124 KOM OCT-29-2025 STRIP OUT: 100%. LOCATION: 0%

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	WINDY.	4,135	N/A

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	OES	ASH	RUE	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	FLD	H2S	OTHR	OTHR	WSC

Total 96

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/27/2020 - 02/05/2026

	No. of Persons	13	57	1	3	1	16	3	2
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
	Operating Hours.	0	12	0	0	24	12	12	24

TRUCKS/BOATS	Standby/Tankers	b875

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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NEW RIG MOBILIZATION BI-MOB

06/06/2022 - 02/02/2026

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SP-125 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-125
Well: *MOBILIZATION*
Wellbores:
Charge #: ()
Wellbores:
Objective : (OIL DRILLING)

Foreman(s) AFSA, MOHAMED ELSAYED
Engineer LINDAHL, CARL DANIEL / TULBAH, AHMED SALAHADDIN
Manager ALSHAMMARI, ABDULLAH SHUWAYHIT

THURAYA	RIG FORMAN VSAT	MOBILE
8821677713 963	013-578-42 91	050 587 51 47 RIG MAN AGER

CONTRACTOR /CLERK VSA T: 013-673-59 49

Last 24 hr operations: RIG UP ON ANDR-754 MEANWHILE CLOSING PCI OPEN ITEMS.

Next 24 hr plan: CONTINUE RIG UP ON ANDR-754 MEANWHILE CLOSING PCI OPEN ITEMS.

Location	Next Location
ANDR-754	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1145	6.75		PRE	M	MAIN	RU	NA	RIG					RIG UP ON ANDR-754 MEANWHILE CLOSING PCI OPEN ITEMS.
1145 - 1215	0.5		PRE	M	MAIN	PJSM	NA	RIG					HELD SAFETY STAND DOWN MEETING WITH ALL PERSONNEL, DISCUSSED DAILY SAFETY OBSERVATIONS & EMPHASIZE THE IMPORTANCE OF STOP WORK AUTHORITY IMPLEMENTATION.
1215 - 0459	16.75		PRE	M	MAIN	RU	NA	RIG					RIG UP ON ANDR-754 MEANWHILE CLOSING PCI OPEN ITEMS. - RU: 95% - GENERAL MAINTENANCE ON MUD TANKS (CHANGED TWO AGITATORS & WAIT ON MATERIAL TO REPLACE ONE MIXING HOPPER), ONGOING. - PERFORMED SURVEY FOR MUD TANK CAPACITY BY THIRD PARTY, WAIT TO RECEIVE NEW LEVEL INDICATORS FOR MUD TANKS. - PRESSURE TESTED CMT LINE WITH 300 / 5000 PSI, OK. - SINOPEC CONDUCT ON JOB TRAINING FOR CREW TO OPERATE POWER TONG. - CONDUCT FIRE DRILL, DISCUSS OBSERVATION WITH ALL CREW. - CONTINUE 4" DRILL PIPE INSPECTION, ONGOING. - GENERAL HOUSEKEEPING ON LOCATION. - WORK TO CLOSE PCI OPEN ITEMS, ONGOING. - WCEI FINDINGS (TOTAL 53): ALL CLOSED. - PCI FINDINGS (TOTAL: 212) : 4 OPEN (2 P1 & 2 P2), 208 CLOSED.

Foreman Remarks

========== SAFETY ==========
- CHECK COMMUNICATION DEVICES ON BOTH STAGING AREAS, OK.

========== ARAMCO PERSONNEL ==========
- ARAMCO FOREMAN ANIS BOUDJEMA # 8646140 ON LOCATION SINCE 01/26/2026.
- FCT ABDULHAMEED K. FITAIHI # 764218 ON LOCATION SINCE 1/20/2026.
- MATERIAL EXPDITOR ALI A. ALSALEM # 7218154 ON LOCATION SINCE 1/20/2026.
- MATERIAL EXPEDITOR ABDULRAHMAN ALNAMI # 8433453 ON LOCATION SINCE 01/26/2026.

========== RIG VISITS ==========
-

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	3,716	N/A

PERSONNEL AND SERVICES INFORMATION

Company	FMC	OTH	RIG	OES	RO1	RIG	ARM	ARM
Category	CSR	CTRG	RIG	DFMS	MLS	OTHR	OTHR	WSC
No. of Persons	4	17	61	1	2	31	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	0	24	12	24

Total: 121

TRUCKS/BOATS: Standby/Tankers

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/06/2022 - 02/02/2026

	E-857
BULK	Drill Wtr.-BBLS: N/A; Pot Wtr.-BBLS: N/A; Fuel- BBLS: N/A; Barite- SX: N/A; Bentonite- SX: N/A; Cement G-SX: N/A
REPAIR ASAP	Instrumentation; Other; Computer, Communication & V-Sat Issues; Reporter

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/02/2022 - 02/05/2026

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SP-154 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-154
Well: *MOBILIZATION*
Wellbores:
Charge #: ()
Wellbores:
Objective : ( )

Foreman(s) MADKOUR, OMAR MOHAMED
Engineer ZAHRANI, OSAMA MAJHOOD
Manager SAAD, SAAD RASHED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088-216-7 77-13969	013-578852 4	013-578851 8 / CLERK

MOBILE: 050-945-39 52/ RIG MA NAGER

Last 24 hr operations: WORK TO CLOSE DOE&CD PCI OPEN FINDING.
Next 24 hr plan: WORK TO CLOSE DOE&CD PCI OPEN FINDING.

Location: UTMN-265
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24		PRE	M	MAIN	OTH	NA	RIG					HPJSM WITH ALL PERSONNEL RIG CREW, DISCUSSED DAILY R/U OPERATIONS. - HIGH LIGHTED CRANE SAFETY, COMMUNICATION PROPER SIGNALS, FALL PROTECTION, PPE & SAFETY PRECAUTIONS DURING OPERATION. ----------R/U PROGRESS---------- * RIG MOVE FROM SINO YARD TO WELL UTMN-265: 100 % COMPLETED * RIG UP ON UTMN-265: 100 %. ----------R/U ACTIVITIES---------- - PCI INSPECTION. - GULF'S INSPECTION ON DP & CROSSOVERS & HANDLING TOOLS. - EQUIPMENT MAINTENANCE; HOUSE KEEPING; - WORK ON PCI FINDING ANDCLOSE SAME ONGOING. - CONDUCT H2S DRILL, GOOD RESPONSE FROM RIG CREW. - CONDUCT FIRE DRILL, GOOD RESPONSE FROM RIG CREW. **DOE&CD PCI INSPECTION COMPLETE. NCR 5% & CLOSE FINDING 95% WELL CONTROL SECTION CLOSED 100% : OPEN ITEMS VS TOTAL FINDING: 0/20 ITEMS. SAFTY & ENVIRONMENT SECTION : OPEN ITEMS VS TOTAL FINDING: 2/135 ITEMS. OPERATION SECTION : OPEN ITEMS VS TOTAL FINDING: 0/13 ITEMS. ----------RIG MOBILIZATION DATA---------- - RIG START MOBILIZATION FROM SP YARD-3 TO WELL UTMN-265 ON 1 JAN 2026. - MOBILIZATION DISTANCE FROM SP YARD-3 TO UTMN-265: 239 KM. - DAYS SINCE START MOBILIZATION: 27 DAYS. - - UTMN-265 SECURED WITH 2 CEMENT PLUGS, TAG TOC WITH 1.6" GC AT 724.

Foreman Remarks

ARAMCO PERSONNEL ON LOCATION :

-ARAMCO MATERIAL CLERK MOHAMED ALOSIL # 8501318 ON LOCATION SINCE 01/18/2026.

----------NEXT LOCATION PROGRESS ----------

ABQQ-720 : KOM DONE ON 10/06/2025, STRIP OUT 100 %, LOCATION 100 %.

---------- -RIG VISIT ----------

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING	Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS	BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/02/2022 - 02/05/2026

	N/A	N/A	22 KM/H W TO E	N/A	SEASONAL	3,505	RIG UP

PERSONNEL AND SERVICES INFORMATION								
	Company	RIG	RIG	RIG	ARM	OTH	ARM	
	Category	CTRG	RIG	OTHR	OTHR	VAC	WSC	
	No. of Persons	15	57	13	2	2	1	Total 90
	Personnel on Loc. Hrs.	24	24	24	24	24	24	
	Operating Hours.	0	24	24	24	24	24	

TRUCKS/BOATS	Standby/Tankers	Others
	pick up H-719	AMBULANCE

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP			
	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/07/2022 - 02/02/2026

SP-165 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SP-165 Well *MOBILIZATION* Wellbores:	Charge #: () Wellbores:	Objective : (OIL DRILLING)	Foreman(s) UGORI, SAMUEL IFEANYI / ALSHAMMARI, ESSA MOHAMMED / HAJRI, EID SAAD Engineer ALJAAFARI, ABDULRAHMAN ZIYAD / MINDA BENALCAZAR, JUAN CARLOS Manager HELLI, SAMI SULAIMAN

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12613	013-378034 1	013-378632 7

Last 24 hr operations	Next 24 hr plan
GENERAL R/U JRBT-18 AND WORK IN CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS.	CONT. GENERAL R/U JRBT-18 AND WORK IN CLOSING DOECD PRE-COMMENCEMENT INSPECTION OPEN ITEMS. ACCEPT THE RIG FOR DAYRATE, SPUD JRBT-18.

Location	Next Location
JRBT-18	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5		PRE	M	MAIN	PJSM	NA	RIG					PJSM WITH ALL PERSONNEL & DISCUSSED DAILY R/U OPERATIONS.
0530 - 0459	23.5		PRE	M	MAIN	RU	NA	RIG					WORKING ON CLOSING DOECD PRE-COMMENCEMENT INSPECTION FINDINGS; - PCI PROGRESS: SAFETY 100%, WCI: 100% & ENV 100% & OPS 97% - PCI DRAFT REPORT UNDER REVIEW. - FINDINGS FOR WCEI: 32 ITEMS (P-1: 0, P-2 =0, P-3=0) CLOSING PROGRESS 100%. - FINAL DRAFT PCI: (P-1: 0, P-2: 4, P-3: 2) CLOSED PROGRESS 88 %. - GENERAL R/U OPERATIONS. - CHANGE MAIN CAMP PUBLIC TOILET - INSTALL ELECTRICAL CELLAR PUMP AND RELATED LINES. - TRAINING RIG CREWS HOW TO USE HAND FREE TOOLS. - RUST REMOVAL AND ANTI-CORROSION TREATMENT FOR CAMP CARAVAN. - GULF'S INSPECTION ON CROSS OVERS. - OFFLOAD ARAMCO MATERIALS AND CHEMICALS. - RIG SITE HOUSEKEEPING. - DISCUSS LINE OF FIRE AND PINCH POINT. - - R/U 98 %. - DAYS SINCE MOBILIZATION START: 57 DAYS

Foreman Remarks

OBJECTIVE:-
- JRBT-18 WILL BE DRILLED AS A DUAL LATERAL EVALUATION/PRODUCER.
- A PILOT HOLE (L-0) WILL BE DRILLED TO RUN A FULL LOGGING PROGRAM FOR RESERVOIR EVALUATION ACROSS ARABS (C & D).
- AFTER P&A THE PILOT HOLE, A DUAL LATERAL CASED HOLE SIDETRACKS (L-1 & L-2) WILL BE DRILLED AND COMPLETED ACROSS ARBC & ARBD (TARGET RESERVOIR).
- COMPLETED AS OPEN HOLE WITH 4.5 X 7" SMART COMPLETION WITH PDHMS, ICV'S AND A PLANNED EXTENDED PRODUCTION FLOWBACK.
==========ERP & SAFETY REQUIREMENT==========
JRBT-18 HAS (30 PPM RER: 500, 100 PPM RER :200 M, 1/2 LFL RER 80 M, GOR: 221 SCF/BBL, H2S (%): 1.3
- AS PER LPD, THIS WELL IS NOT CONSIDERED IN A POPULATED AREA
- WATER WELL: JRBT-811 & JRBT-804 , WATER WELL FLOW METER (S/N A20032507).
========== WELL DESIGN ==========
- 34" HOLE, 30" CONDUCTOR PROPOSAL @ 120' MD/TVD.
- 28" HOLE, 24" CONDUCTOR PROPOSAL @ 359' MD/TVD (50' INSIDE RUS FM).
- 22" HOLE, 18-5/8" CSG PROPOSAL @ 3,738' MD/TVD (100' INSIDE LAS FM).
- 16" HOLE, 13-3/8" CSG PROPOSAL @ 5,682' MD/TVD (+/- 30' TVD ABOVE SHUB FM).
- 12-1/4" HOLE, 9-5/8" CSG @ 7841' MD/TVD (105+/-' TVD ABOVE MNIF).
- 8-1/2" VERTICAL PILOT HOLE @ 9,300'MD/TVD,
- DUAL LATERAL WILL BE DRILLED BY SIDETRACKING FROM WINDOW MILLED IN THE 9-5/8" CASING.
==========SAFETY ==========
- NO RADIO COVERAGE
==========ARAMCO PERSONNEL ON LOCATION==========
- ARAMCO MATERIAL EXPEDITOR MOHAMMED ALKHALDI #8491699 ON LOCATION SINCE 01/26/2026.
- ARAMCO FCT YOUSEF ALAWAD ID#778128 ON LOCATION SINCE 01/19/2026.
========== SERVICE COMPANY & RENTAL TOOLS ==========
- NONE.
==========ARAMCO VEHICLE ==========
- ARAMCO CAR# B825.
========== RIG VISIT ==========
-

DAILY SURVEY

MUD DATA

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

06/07/2026 - 02/02/2026

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MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	3,500	N/A

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	OES	RIG	ARM	Total 83
Category	CTRG	RIG	DFMS	OTHR	WSC	
No. of Persons	15	42	1	22	3	
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	24	24	0	24	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HRDH-481 WORKOVER-1 BI-90

01/10/2026 - 02/06/2026

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saudi aramco

SP-167 @ HRDH-481 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-167
Well: HRDH-481
Wellbores: (0) HRDH_481_0

Charge #: (61-25058-0481)
Wellbores: (0) HRDH_481_0

Objective : (P | PREVENTIVE MAINTENANCE: RUN LINERS TO IMPROVE WELLBORE INTEGRITY)

Foreman(s) IBRAHIM, WALID IBRAHIM / HASSAN, EHAB MOHAMED
Engineer BAIKELOV, CHINGIZ
Manager SAAD, SAAD RASHED

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088-216-7 77-122-22	+13 378784 4	+13 578445 7

Last 24 hr operations
RIH BAKER UPPER COMPLETION, R/UP S/LINE.

Next 24 hr plan
RETREIVE PTP, SET PX PLUG, SPACE OUT, SET PKR. DISPLACE TO DIESEL. INSTALL TBG HGR. STING IN., SET 2 ND BARRIER N/D BOP& N/U TREE.

Location
0.678 KM S60E OF HRDH-561 AND 0.988 KM N62E OF HRDH-806.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
10,573	7	6782	6782	7	1,728	6,782	6,782

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
10600	10.9 (01/17/2026@0800)	0	0	258	258

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	EOW	C	COMP	HT	PEL	FMC	10573	10573			HPJSM, R/D D/P TONG& R/U FRANKS TBG POWER TONG, JAM UNIT & TUBULAR HANDLING TOOLS - KEPT TRIP TANK RUNNING W/ 60 BPH 74 PCF VISCOUS BRINE. WELL IN TOTAL LOSSES.
0600 - 0800	2	0	EOW	C	COMP	HT	TBG	BC	10573	10573			HPJSM, PU & RIH WITH BAKER 4 1/2" UPPER COMPLTION ASSY AS FOLLOW:- - ASSY # A: 4-1/2" 11.6# J-55 NEW VAM MULE SHOE (25') - ASSY # B: 4-1/2" 11.6# J-55 NEW VAM HES "XN" NIPPLE. - 1 EA JT 4-1/2" TBG 11.6# J-55 NEW VAM. - ASSY # C : 4-1/2" 11.6# J-55 NEW VAM HES "X" NIPPLE. - 1 EA JT 4-1/2" TBG 11.6# J-55 NEW VAM. - ASSY # D: 7" BAKER PREMIER PACKER. - ASSY # E: 4-1/2" 11.6# BAKER PBR (15' SEAL BORE). - 1 EA JT 4-1/2"TBG 11.6# J-55 NEW VAM *KEPT TRIP TANK RUNNING W/ 60 BPH 74 PCF VISCOUS BRINE. WELL IN TOTAL LOSSES.
0800 - 1000	2	0	EOW	C	COMP	DTU	DRFT	EX1	10573	10573			R/U NESR S/L PCE & PERFORMED THE FOLLOWING:. - RIH 3.833" DRIFT TO TAG X-NIPPLE @148', POOH. - RIH 3.79" DRIFT TO TAG XN NIPPLE@202', POOH. - RIH 3.70" DRIFT TO PASS FROM EOT @218', POOH. - R/D S/L
1000 - 1030	0.5	0	EOW	C	COMP	HT	TBG	BC	10573	10573			P/U & RIH WITH UPPER NIPPLE ASSY-F (1 EA 4 1/2" P.JT, 4 1/2" X-NIPPLE, 1 EA 4 1/" P.JTS. 1 JTS 4 1/2" TBG NVAM 11.6) *KEPT TRIP TANK RUNNING W/ 60 BPH 74 PCF VISCOUS BRINE. WELL IN TOTAL LOSSES.
1030 - 1200	1.5	0	EOW	C	COMP	DTU	DRFT	EX1	10573	10573			R/U NESR S/L PCE & PERFORMED THE FOLLOWING:. - RIH 3.833" DRIFT TO TAG UPPER X-NIPPLE @48', POOH. - RIH 3.79" DRIFT TO 94', POOH. - RIH & SET SLB PTP @ 20', POOH. - R/D S/L
1200 - 0330	15.5	0	EOW	C	COMP	HT	TBG	RIG	10573	10573			RIH BAKER UPPER COMPLETION ON 4 1/2" TBG 11.6 N.VAM-J-55 TO DEPTH 6327' (5' INSIDE OLD PKR PBR) >> USED SAFETY CLAMP DURING RIH TILL HAVE PROPER WT. >> PASSED FREELY FROM TIE BACK AREA@ 1728' . **KEPT TRIP TANK RUNNING W/ 60 BPH 74 PCF VISCOUS BRINE. WELL IN TOTAL LOSSES.
0330 - 0459	1.5	0	EOW	C	COMP	SET	PLUGN	EX1	10573	10573	0	6250	R/U SLICKLINE PCE& PT TO 2,000 PSI& RIH WITH 3.875" DRIFT TO DEPTH 6060' .....ON GOING @ RPT. *KEPT TRIP TANK RUNNING W/ 60 BPH 74 PCF VISCOUS BRINE. WELL IN TOTAL LOSSES.

Workover Objectives

Foreman Remarks

========== SAFETY ==========
>> HELD DAILY SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
========== ARAMCO BOP==========
>> ARAMCO FCT AHMED QARNI #741155 ON LOCATION SINCE JAN 18, 2026.
==========CONTRACTOR VISITS ==========
========== NEXT WELLS ==========
HRDH-160 KOM HELD ON 12/29/2025, STRIP OUT 100%, WELLSITE 10%.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HRDH-481 WORKOVER-1 BI-90

01/10/2026 - 02/06/2026

HRDH-426 KOM HELD ON 1/19/2026 STRIP OUT 0%, WELLSITE 0%.
HRDH-120 KOM HELD ON 1/12/2026 STRIP OUT 0%, WELLSITE 0%.
HRDH-270 KOM HELD ON 1/12/2026 STRIP OUT 0%, WELLSITE 0%.
HRDH-135 KOM HELD ON 12/29/2025, STRIP OUT 0%, WELLSITE 0%.
HRDH-459 & HRDH-471 KOM SCHEDULED ON 2-2-2026 @ 10:30.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	0	0API	0	0 Volts	0	9.5	167,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	90	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	0	0	10	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
74 PCF	0	0API	0	0 Volts	0	9.5	166,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	90	0	0	0 / 0	NACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	0	0	10	0 / 0	0	0	0

MUD TREATMENT

CAUST	DUOVIS-NS	NACL	RD
1 (50LBP)	17 (55LB)	40 (2200L)	1 (55GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	N/A	N/A	N/A	N/A	1,543	N/A

PERSONNEL AND SERVICES INFORMATION

Company	SCB	FMC	TGC	BC	RIG	OES	RIG	ARM	OTH	ARM
Category	BRCR	CSR	CTRG	PSSC	RIG	DFMS	OTHR	OTHR	VAC	WSC
No. of Persons	1	4	16	2	53	1	7	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	20	24	0	24	12	12	12	12	12	24

Total
89

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ABHD-883 WORKOVER-2 BI-90

01/16/2026 - 02/08/2026

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SP-229 @ ABHD-883 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s)	Engineer	Manager
SP-229	(61-25014-0883)	(3 | ESP: REPAIR OR CHANGE OF ELECTRIC SUB-MERSIBLE PUMP)	RAMADAN, SABER ABDELKHALEK HAMMAD	ALGOSAIBI, IBRAHIM HASAN / DULAIJAN, FAISAL WAEL	ALMUSTAFA, AHMED HASSAN

Well: ABHD-883
Wellbores: (0) ABHD_883_0
Wellbores: (0) ABHD_883_0

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+88216-777 1-2828	013-673-57 30	013-678-53 99

Last 24 hr operations
CONT'D RIG MAINTENANCE AND REPAIRING.

Next 24 hr plan
CONT RIG MAINTENANCE, RAISE MAST & RUN THE REPLACEMENT RIG ENGINES.

Location
ABU HADRIYAH ROAD, TAP LINE EXIT, 140 KM FROM DMG

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
6,644	13 3/8	4747	4500	9 5/8	1,609	6,643	6,211

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
6477	0 (@)	0	0	147	147

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	M	MAIN	RR	HSYS	RIG	6644	6644			HPJSM WITH ALL CREW FOR RIG MAINTENANCE TIME MEANWHILE CONT'D R/U OPERATION. ** RIG MOVE DISTANCE = 20.8 KM SKID ROAD + BLACK TOP 93.2 KM= TOTAL 114 KM ** TOTAL LOADS MOVED TO NEW LOCATION ABHD-883= 179/179 ** R/D ON SFNY-717: 100 % ** R/M TO ABHD-883: 100 % ** R/U ON ABHD-883: 75 % >> RIG MAINTENANCE ACTIVITIES :- - REPLACED & PERFORM PROF LOAD TEST NEW BOP HOIST, OK ..... (100% COMPLETED). - R/U REPLACEMENT MAINTAINED 3E X RIG ENGINES, RUN ENGINES FOR EVUALTION & CHECKING ..... (80% PROGRESS). - 3RD PARTY INSPECTION COMPANY (KASAB" RUN INSPECTION ON DP/WHDP/BHA ..... (55% PROGRESS). - SERVICED 2 EA X RIG MUD PUMPS ..... (100% COMPLETED). - MAINTAIN THE WELL CONTROL EQUIPMENT..... (100% COMPLETED). - WELDERS PERFORMED THE REQUIRED WELDING AND REPAIR ON CRACKS IN THE WELDS OF THE MAST REAR SUPPORT MAIN BEAMS BETWEEN MAST & CARRIER WITNESSED BY MAST OEM CERTIFIED ENG ..... (100% COMPLETED). - 3RD PARTY INSPECTION COMPANY "MEGRAME" RUN MPI INSPECTION ON WELDING AREAS OF THE MAST REAR SUPPORT MAIN BEAMS, ACCEPTED-OK .... (100% COMPLETED). - MAST OEM CERTIFIED ENG RUN TROUBLE SHOOTING ON THE MAST HYDRAULIC RAISING SYSTEM AS PER OEM CHECK LIST ..... (100% COMPLETED). * FOUND SOME QUICK CONNECTION SEAL DAMAGED AND THE SPRING OF ONE CHECK VALVE DAMAGED, REPLACED ALL-OK. * CHANGED ONE HYDRAULIC HOSE DUE TO THE OLD ONE OUTER IS DAMAGED. >> R/U ACTIVITIES :- - INSTALLED FLOW LINE, AIR TIGER, FIRE STATIONS. - FUNCTION TEST FIRE PUMP. - FLUSH FLARE LINES AND POOR BOY & HYDRO TEST-OK. - P/T FLARE LINES T/ 1200 PSI-OK. - INSERTED RAM BLOCKS IN ARAMCO 20-3/4" CLASS-B BOP. - INSTALLED SURFACE LINE AND LOW TORQUE VALVE MANIFOLD TO THE CHOKE MANIFOLD. >> DAYS SINCE RIG RELEASED= 7.83 DAYS (RIG MOVE) + 0.46 DAYS WOW + 4.21 DAYS RIG MAINTENANCE = 12.5 DAYS.

Workover Objectives

Foreman Remarks

OBJECTIVES:
1- KILL THE WELL.
2- DE-COMPLETE THE WELL.
3- CHECK SURFACE CASING AND WELLHEAD. REPLACE LANDING BASE IF REQUIRED.
4- COMPLETE THE WELL WITH NEW 7" ESP ON 7" 26#, J-55 , LTC GRE LINED TUBING.
==========
ODF TO T.H.S= 30'
RIG FLOOR SP-229 TO T.H.S= XXX
CORRECTION = XXX
========== ARAMCO PERSONAL ==========
> ARAMCO ME MOHAMMED ALKHALIFAH ID# 821399 ON LOCATION SINCE JAN 19, 2026.
> ARAMCO FCT KHALID ALSHOIAILI # 818216 ON LOCATION SINCE JAN 27, 2026.
> MR. FANSHAOBO, RIG SINOPEC SUPERINTENDENT ON LOCATION.
========== RENTAL EQUIPMENT ==========

LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

ABHD-883 WORKOVER-2 BI-90

01/16/2026 - 02/08/2026

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- NA
========== ERP ========== ==========
- 55 PASSENGER EMERGENCY ESCAPE BUS ON LOCATION.
- STAGING AREA #1: 27.1324N / 49.04289 E (1.4 KM NORTH EAST).
- STAGING AREA #2: 27.1332 N / 49.0429 E (2.1 KM NORTH EAST).
==========WELLS WITH CENTRALIZED MAIN CAMP==========
- ABHD-883
==========CURRENT RIG LOCATION & ADJACENT WELLS STATUS==========
> ALL WELLS SHUT DOWN AND SECURED ABHD-876, ABHD-877,ABHD-878,ABHD-879,ABHD-881,ABHD-882,ABHD-883
==========NEXT LOCATIONS READINESS ==========
- ABHD-889 KOM HELD ON 10/15/2025, F.S STRIP-OUT 50% & WELL SITE LOCATION 0%.
- ABHD-885 KOM HELD ON 10/15/2025, F.S STRIP-OUT 50% & WELL SITE LOCATION 0%.
- ABHD-875, ABHD-905 KOM HELD ON 10/15/2025, F.S STRIP-OUT 50% & WELL SITE LOCATION 0%.
- ABHD-874 & ABHD-886, KOM HELD ON 11/26/2025, F.S STRIP-OUT 50% & WELL SITE LOCATION 0%.
- QTIF-858 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
- QTIF-297 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
- QTIF-156 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
- QTIF-946 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
- QTIF-947 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
- QTIF-948 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
- QTIF-952 KOM HELD ON 09/25/2025, F.S STRIP-OUT 0% & WELL SITE LOCATION 0%.
==========DRILLS & OBB==========
- OBB REPORTED IN ORBIT: 30
- DRILLS PERFORMED:
- DISCUSSED: WELL CONTROL LESSON SHARING - ISSUE NO. EXT 1-26.
==========
- DAILY DIESEL CONSUMPTION FOR ENGINES (RIG+CAMP): 16.86 BBLS & CUMULATIVE FOR THE MONTH OF JAN,2026 = 592.77 BBLS
- DAILY POTABLE WATER CONSUMPTION FOR (RIG+ CAMP) : 201.25 BBLS & CUMULATIVE FOR THE MONTH OF JAN,2026 = 5214.5 BBL
========== TRUCKS VAC, WATER & GARBAGE ==========
1 X CUC WATER TANKER ON LOCATION SINCE 11/20/2024.
2 X ALKHALDI WATER TANKERS ON LOCATION SINCE 11/24/2024.
3 X ALASKAR WATER TANKERS ON LOCATION SINCE 05/08/2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	6,644	27.8	294.5	0	6,210	191.45	-510.39	1,788.44	0.38

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	AS PER SCHEDULE	NORMAL	N/A	SEASONAL	4,757	PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	CSU	RIG	OES	ASH	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	FLD	OTHR	OTHR	WSC
No. of Persons	20	60	1	6	7	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	0	0	12	12	24

Total
97

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
ARAMCO PICK-UP# F417	camp diesel remain = 18.44	DIESEL RIG REMAIN= 181.59	completion diesel= 40.26 bb	GASOLINE=10.44 bbl

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	181	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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THRY-950204 EXPLORATION DRILLING BI-1514

12/16/2025 - 02/01/2026

أرامكو السعودية
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SP-257 @ THRY-950204 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-257
Well: THRY-950204
Wellbores: (0) THRY_950204_0

Charge #: (87-25743-7943)
Wellbores: (0) THRY_950204_0

Objective : (PART OF HORIZONTAL DEVELOPMENT DRILLING IN JAFURAH BASIN.)

Foreman(s): STROM, MICHAEL CARROLL / NASSAR, EHAB ABDELRAHMAN FATHY
Engineer: YIN, GUOQIANG
Manager: YAMI, FAHAD MANE

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12813	572-6641	572-8166

Last 24 hr operations
RUN 5 1/2" LS COMPLETION, PERFORM 2ND SLICK LINE DRIFT RUN, M/U AIRLOCK, CONT. RUN 5 1/2" LS COMPLETION,

Next 24 hr plan
RUN 5 1/2" LS COMPLETION, LAND HGR, FINAL CSG DRIFT, R/U CMT EQUIP, BURST AIR GLIDE, CHC, 5 1/2" CSG CEMENT JOB, R/D CMT EQUIP, R/D CRT, JET WH, INSTALL P/OFF.

Location
FROM HOFUF 80KM ON SALWA RD, TURN LEFT 18 KM, RIGHT 15KM SKID, LEFT 10KM BLACKTOP, LEFT 2KM SKID

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
27,224	9 5/8	7326	7326				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
27224	27.3 (12/31/2025@2100)	95	0	135	181

Formation Tops

Formations	Top Depth	Comments
DMMM	731	-22'
RUS	997	+4'
UMER	1,297	+11'
ARUM	2,585	+5'
LAMS	2,760	+21'
AHMD	4,805	+36'
SFNY	5,438	+22'
SHUB	6,028	+36'
BYDH	6,383	+34'
MDTM	7,280	+34'
SULY	7,778	+12'
HITH	8,312	+2'
ABAR	8,787	+17'
ABBR	8,897	+19'
ABCR	8,997	+20'
ABDR	9,163	+26'
JUBL	9,370	+19'
JBSR	10,089	+25'
HNIF	10,381	+23'
HNFA	10,430	+23'
HNFB	10,473	+24'
HNFC	10,601	+25'
HNFD	10,688	+26'
TQMA	10,784	+26'
TQMB	10,923	+28'

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1100	6	0	EOW	C	COMP	RPCS	UPCOM	NAC	27224	27224	12559	16807	P/U & RIH 5 1/2" #26 P-110 AM-HBC-H CSG USING CRT, POWER TONGS & JAM UNIT. > RAN 410 JOINTS OUT OF 663. > INSTALLED MARKER JOINTS #7 & #8. > NO CASING FILLING BEFORE AIR GLIDE. > MONITOR WELL ON TRIP TANKS, STATIC LOSS RATE 15 BPH. > LIMITING RIH SPEED TO MAXIMUM 80 FT/MIN DUE TO LOSSES.
1100 - 1300	2	0	EOW	C	COMP	DTU	GAUG	GD1	27224	27224			HPJSM, GDMC SLICK LINE DRIFT CASING WITH 4.423" GAUGE CUTTER TO 9,572 FT, POOH & R/D.
1300 - 1330	0.5	0	EOW	C	COMP	RPCS	UPCOM	NAC	27224	27224	16807	16838	P/U & M/U HALLIBURTON AIR GLIDE FLOATATION DEVICE. > MAKE UP X.O. VTHC PIN X TS-BLUE BOX ON BOTTOM. > MAKE UP X.O. TS-BLUE PIN X VTHC BOX ON TOP.
1330 - 1645	3.25	0	EOW	C	COMP	RPCS	UPCOM	NAC	27224	27224	16838	18854	P/U & RIH 5 1/2" #26 P-110 AM-HBC-H CSG USING CRT, POWER TONGS & JAM UNIT. > RAN 459 JOINTS OUT OF 663. > INSTALLED MARKER JOINT #9. > MAKE UP X.O. VTHC PIN X TS-BLUE BOX. > FILL UP CASING ON FLY ABOVE AIR GLIDE. > MONITOR WELL ON TRIP TANKS, STATIC LOSS RATE 15 BPH. > ENCOUNTERED DRAG & WORKED STRING DOWN THE HOLE.
1645 - 1715	0.5	0	EOW	C	COMP	SDR1	NA	RIG	27224	27224			CONDUCTED HOSTILE ATTACK DRILL.
1715 - 2315	6	0	EOW	C	COMP	RPCS	UPCOM	NAC	27224	27224	18854	21768	P/U & RIH 5 1/2" #26 TN-95HS TS-BLUE CSG USING CRT, POWER TONGS & JAM UNIT. > RAN 531 JOINTS OUT OF 663. > FILL UP CASING ON FLY ABOVE AIR GLIDE. > MONITOR WELL ON TRIP TANKS, STATIC LOSS RATE 15 BPH. > ENCOUNTERED HIGH DRAG & WORKED STRING DOWN THE HOLE.
2315 - 0300	3.75	0	EOW	C	COMP	RPCS	UPCOM	NAC	27224	27224	21768	23876	P/U & RIH (WITH ROTATION) 5 1/2" #26 TN-95HS TS-BLUE CSG USING CRT,

LIMITED MORNING REPORT

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Report ID: OPERLMTDMRREP

THRY-950204 EXPLORATION DRILLING BI-1514

12/16/2025 - 02/01/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													POWER TONGS & JAM UNIT. > PARAMETERS: 25-30 RPM, ROTARY TORQUE: 14-18 KLB.FT. > RAN 583 JOINTS OUT OF 663. > FILL UP CASING ON FLY ABOVE AIR GLIDE. > MONITOR WELL ON TRIP TANKS, STATIC LOSS RATE 15 BPH.
0300 - 0315	0.25	0	EOW	C	COMP	SDR1	NA	RIG	27224	27224			HELD STAND DOWN SAFETY MEETING TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW. > EMPHASIZE ON SWA, STAY AWAY FROM LINE OF FIRE. > HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH WITH COMPLETION STRING.
0315 - 0459	1.75	0	EOW	C	COMP	RPCS	UPCOM	NAC	27224	27224	23876	24970	P/U & RIH (WITH ROTATION) 5 1/2" #26 TN-95HS TS-BLUE CSG USING CRT, POWER TONGS & JAM UNIT. > PARAMETERS: 30 RPM, ROTARY TORQUE: 14-18 KLB.FT. > RAN 610 JOINTS OUT OF 663. > FILL UP CASING ON FLY ABOVE AIR GLIDE. > MONITOR WELL ON TRIP TANKS, STATIC LOSS RATE 15 BPH.

Foreman Remarks

THRY-950204 IS THE 1ST SLOT ON PAD THRY-9502 TO BE DRILLED BY RIG SP-257 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 17 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 27,176 FT. (MD)/ 10,258 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 16,284 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 32.8 DAYS.
==========JOURNEY MANAGEMENT==========
PRIOR TO SKID ROAD ALL MUST CALL ARAMCO CLERK @ 013-572-8166.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.
==========DIRECTION TO THRY-9502 PAD==========
1- DRIVE 66 KM F/DMG.
2- FROM HOFUF 80 KM ON SALWA RD, TURN LEFT FOR 18 KMS ON B/T, THEN TURN RIGHT FOR 15 KM.
3- TURN LEFT FOR 10 KM THEN LEFT FOR 02 KM SKID.
==========ARAMCO PERSONNEL==========
> ARAMCO CLERK ABDUL JABBAR #8285305 ON LOCATION SINCE 8/7/2025.
==========
SAFETY REMARKS:
> LAST 3 IHA (TOTAL: 277, CLOSED: 272, OPEN: 5)
> LAST EXTERNAL AUDIT: RHSEI 1/22/2025
==========
> UR WCO FLOW METER SN# 10230664.
> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM THRY-843 WATER WELL.
==========CASING DEPTH==========
PLANNED_____ACTUAL
- 24" CASING: 176# X-42, JV-LW 703' ___ 703'.
- 18 5/8" CASING: 115# J/K-55, BTC 1043' ___ 1,037'
- 13 3/8" CASING: 68# J/K-55, BTC 4,819' ___ 4,840'
- 9 5/8" CASING: 47# L-80, LTC/BTC 7,296' ___ 7,326'
- 5 1/2" CASING: 26# P-110/95 27,176' ___
==========RENTAL EQUIPMENT==========
> 6.5" NOV DRILLING JAR: SN #GFJ650-S2830023. ON LOCATION 1/12/2026.
> CORETRAX PBL SUB: SN #CC1A1082. ON LOCATION 1/12/2026.
==========WELLSITE RENTAL EQUIPMENT==========
N/A

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	27,224	90.1	347.7	0	10,338	5103.4	-1044.99	17,090.86	0.25

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	2	0API	58.4	685 Volts	12.4	0	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	4HTHP	14.6	16	0	9 / 14	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	23	27	8 / 9	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	2	0API	58.4	675 Volts	12.4	0	32,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.6HTHP	14.6	15	0	8 / 13	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	22	27	7 / 9	0	0	0

MUD TREATMENT

KDP-82
8 (5GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

LIMITED MORNING REPORT

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12/16/2025 - 02/01/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/11/2026	N/A	NORMAL	SEASONAL	N/A	2,002	N/A

PERSONNEL AND SERVICES INFORMATION

Company	NAC	TGC	RIG	BAR	NCA	MSI	RIG	ARM	SCM	GD1	SAP	ARM	FME
Category	CSR	CTRG	RIG	DFMS	DSFE	ISPCT	OTHR	OTHR	PCS	SLS	WTERLNE	WSC	WHES
No. of Persons	8	14	62	11	1	4	7	2	9	3	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	0	12	24	24	0	4	24	24	0

Total
126

TRUCKS/BOATS

Standby/Tankers
SP-257___ E804

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	510	457	59	5110

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-611802 EXPLORATION DRILLING BI-1514

01/07/2026 - 02/08/2026

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SP-258 @ HZEM-611802 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig
SP-258

Well
HZEM-611802

Wellbores:
(0) HZEM_611802_0

Charge #:
(87-25541-7994)

Wellbores:
(0) HZEM_611802_0

Objective : (GAS UNCONVENTIONAL/DEVELOPMENT)

Foreman(s) GHAMDI, FAISAL KHALED / ALMARRI, FARAJ RASHED
Engineer ALAJLAN, JAMAL ABDULLAH
Manager YAMI, FAHAD MANE

THURAYA	RIG FORMAN VSAT	RIG FORMAN VSAT
+882167771 1066	577-9650	577-9651

CONTRACTOR /CLERK VSA T
577-9671

Last 24 hr operations
DRILL 8-1/2" LATERAL SECTION.

Next 24 hr plan
DRILL 8-1/2" LATERAL SECTION TO TD, PERFORM CLEAN UP CYCLES, POOH SLB RSS IN LATERAL SECTION.

Location
DRIVE FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT FOR 33 KMS ON B/T, TURN LEFT FOR 27 KM SKID

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
25,653	9 5/8	7254	7246				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
23630	20 (01/08/2026@0430)	100	2,023	174	286

Formation Tops

Formations	Top Depth	Comments
DMMM	611	1' DEEPER
RUS	850	0' DIFF
UMER	1,126	3' SHALLOWER
ARUM	2,399	1' SHALLOWER
LAMS	3,084	1' SHALLOWER
AHMD	4,490	6' DEEPER
SFNY	5,155	8' SHALLOWER
SHUB	5,846	13' DEEPER
BYDH	6,215	11' DEEPER
MDTM	7,210	2' SHALLOWER
SULY	7,673	5' SHALLOWER
HITH	8,213	7' SHALLOWER
ABAR	8,675	5' SHALLOWER
ABBR	8,784	1' SHALLOWER
ABCR	8,863	1' SHALLOWER
ABDR	9,041	0
JUBL	9,215	1' SHALLOWER
JBSR	9,950	1' DEEPER
HNIF	10,369	2' SHALLOWER
HNFA	10,411	2' DEEPER
HNFB	10,458	1' DEEPER
HNFC	10,584	2' SHALLOWER
HNFD	10,678	3' DEEPER
TQMA	10,783	4' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1000	5	0	8 1/2	N	DRLG	D	RSS	SDM	23630	24119			SLB NEOSTEER DRILL 8-1/2" LATERAL SECTION WITH 100 PCF OBM & 100% CIRCULATION. > SLB DD SENT DOWNLINK AS REQUIRED. > DRILL-OFF EVERY CONNECTION. > AVG CONNECTION TIME: 4.0 MIN. > RECORDED SLOW PUMP RATE EVERY DRILLED 500 FT
1000 - 1115	1.25	0	8 1/2	N	DRLG	OTH	NA	SDM	24119	24119			SLB MWD LOST SIGNAL. > SLB TROUBLESHOOT. > PERFORMED ANTI-JAMMING PROCEDURE AS PER SLB DD. > ANTI-JAMMING SUCCESSFULLY.
1115 - 1500	3.75	0	8 1/2	N	DRLG	D	RSS	SDM	24119	24510			SLB NEOSTEER DRILL 8-1/2" LATERAL SECTION WITH 100 PCF OBM & 100% CIRCULATION. > SLB DD SENT DOWNLINK AS REQUIRED. > DRILL-OFF EVERY CONNECTION. > AVG CONNECTION TIME: 4.0 MIN. > RECORDED SLOW PUMP RATE EVERY DRILLED 500 FT
1500 - 1545	0.75	0	8 1/2	N	DRLG	OTH	NA	SDM	24510	24510			SLB MWD LOST SIGNAL. > SLB TROUBLESHOOT. > PERFORMED ANTI-JAMMING PROCEDURE AS PER SLB DD. > ANTI-JAMMING SUCCESSFULLY.
1545 - 1615	0.5	0	8 1/2	N	DRLG	D	RSS	SDM	24510	24585			SLB NEOSTEER DRILL 8-1/2" LATERAL SECTION WITH 100 PCF OBM & 100% CIRCULATION. > SLB DD SENT DOWNLINK AS REQUIRED. > DRILL-OFF EVERY CONNECTION. > AVG CONNECTION TIME: 4.0 MIN. > RECORDED SLOW PUMP RATE EVERY DRILLED 500 FT
1615 - 1645	0.5	0	8 1/2	N	DRLG	SDR1	NA	RIG	24585	24585			

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HZEM-611802 EXPLORATION DRILLING BI-1514

01/07/2026 - 02/08/2026

أرامكو السعودية
saudi aramco

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													PERFORMED HOSTILE ATTACK SAFETY DRILL.
1645 - 0459	12.25	0	8 1/2	N	DRLG	D	RSS	SDM	24585	25653			SLB NEOSTEER DRILL 8-1/2" LATERAL SECTION WITH 100 PCF OBM & 100% CIRCULATION. > SLB DD SENT DOWNLINK AS REQUIRED. > SLB LOST SIGNAL SEVERAL TIMES. > RECYCLED PUMP & RESTORED SIGNAL. > DRILL-OFF EVERY CONNECTION. > AVG CONNECTION TIME: 4.0 MIN. > RECORDED SLOW PUMP RATE EVERY DRILLED 500 FT > LAST SURVEY @ 25486.7' MD, 10246.97' TVD, INC 90.11, AZI 346.66, BELOW 16.37', L 3.62', CT-CT: 16.76'

Foreman Remarks

HZEM-611802 IS THE 3RD SLOT ON PAD HZEM-6118 TO BE DRILLED BY RIG SP-258 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 12 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 26,465 FT. (MD)/ 10,231 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,505 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 31.3 DAYS.

==========

> ARAMCO URDD-1 FIELD SUPT. TALAL ALHARBI #293435 ON LOCATION SINCE 1/20/2026.
> ARAMCO CLERK MOHAMMED SHAFEEULLAH KADVALAM #8581392 ON LOCATION SINCE 7/21/2025.

==========

RENTAL TOOLS:

==========WATER CONSUMPTION PROVIDED BY UR WCO & PED ==========

> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-853.

==========

CASING POINTS :
PLANNED | ACTUAL
> 24" CSG : 560' | 578'
> 18-5/8" CSG : 900' | 917'
> 13-3/8" CSG : 4,527' | 4532'
> 9-5/8" CSG : 7,262' | 7254'
> 5-1/2" CSG : 26,456' | XXX

==========

> NEAR MISS: 1.
> SOC: 20.
> DRILLS: PIT DRILL X1, HOSTILLE ATTACK DRILL X 1.
> PTW: 8.
> JSA: 8.
> DAYS WITHOUT LTI: 1829.

==========

> IHA (DATE OF LAST AUDIT) DEC-2025:
-DEC 2025 TOTAL FINDINGS :115 (10 P1 - 71 P2 - 34 P3) ON DEC-2025,CLOSED ITEMS: 112.
-SEP 2025 TOTAL FINDINGS :173 (11 P1, 126 P2, 36 P3) ON SEP-2025,CLOSED ITEMS: 173.

> EXTERNAL AUDIT (DATE OF LAST AUDIT):
-LPCR ON 29 JUNE, 2025 TOTAL FINDINGS: 7, CLOSED ITEMS: 7.
-DOECD (RHSEI) 09 FEB, 2025 TOTAL FINDINGS: 69 CLOSED ITEMS: 69.
-DOECD (WCI) 18 JAN, 2025 TOTAL FINDINGS: 17 CLOSED ITEMS: 17.

==========

OTHER:
> FOREMAN PERFORM DAILY COMMUNICATION WITH HP-702 & SP-30 AS PER ERP REQUIREMENT.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	23,635	90.02	347.17	84	10,247	3952.41	-1088.77	13,450.24	0.15
0	23,737	90.02	347.71	102	10,247	3982.76	-1095.53	13,552.12	0.53
0	23,847	90.34	347.92	110	10,247	4015.53	-1102.61	13,661.95	0.35
0	23,938	89.96	346.9	91	10,246	4042.6	-1108.66	13,752.84	1.2
0	24,030	89.98	346.89	92	10,246	4069.91	-1115.02	13,844.77	0.02
0	24,129	89.94	346.72	99	10,246	4099.29	-1121.9	13,943.7	0.18
0	24,241	90	345.79	112	10,246	4132.45	-1130.02	14,055.66	0.83
0	24,337	89.93	346.65	96	10,246	4160.87	-1136.99	14,151.63	0.9
0	24,437	89.99	346.65	100	10,247	4190.52	-1144.03	14,251.57	0.06
0	24,533	89.94	346.47	96	10,247	4218.98	-1150.83	14,347.52	0.19
0	24,625	89.99	346.56	92	10,247	4246.25	-1157.37	14,439.48	0.11
0	24,727	90.02	346.47	102	10,247	4276.48	-1164.62	14,541.43	0.09
0	24,823	89.98	346.37	96	10,247	4304.92	-1171.49	14,637.39	0.11
0	24,905	89.93	346.47	82	10,247	4329.22	-1177.36	14,719.36	0.14
0	25,010	90.01	346.33	105	10,247	4360.33	-1184.89	14,824.31	0.15
0	25,101	90.04	346.6	91	10,247	4387.29	-1191.38	14,915.28	0.3
0	25,204	90.03	346.6	103	10,247	4417.83	-1198.66	15,018.22	0.01
0	25,292	89.9	346.54	88	10,247	4443.92	-1204.89	15,106.19	0.16
0	25,396	89.94	346.59	104	10,247	4474.75	-1212.25	15,210.14	0.06
0	25,487	90.11	346.66	91	10,247	4501.74	-1218.67	15,301.09	0.2
0	25,584	89.93	346.65	97	10,247	4530.5	-1225.5	15,398.04	0.19

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	2	0API	56.8	635 Volts	14.4	0	26,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt

LIMITED MORNING REPORT

HZEM-611802 EXPLORATION DRILLING BI-1514

01/07/2026 - 02/08/2026

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150	5.6HTHP	12.8	19	0	13 / 18	OBM	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
57	0	26	30.4	9 / 10	0	14,400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	2	0API	56.6	575 Volts	14.6	0	26,000
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
155	6.8HTHP	12.8	21	0	14 / 19	OBM	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
63	0	27	30.6	10 / 11	0	14,400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	2	0API	56.6	620 Volts	14.3	0	26,500
FL Temp	Filtrate(WL)	Water Vol. %	YP	Sand Vol. %	Gels Sec/Min	Mud Type	PPT Spurt
160	5.2HTHP	13	19	0	13 / 18	OBM	0
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
56	0	27	30.4	9 / 11	0	14,400	0

MUD TREATMENT

EZ-MUL	INVERMUL	CAOH2	DURATONE	SOURSCAV	BARITE
2 (55GL)	2 (55GL)	80 (25KG)	40 (55LB)	12 (25KG)	13 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
6RR	7,270	25,653	DP Av	DC Av	Bit HHP	55	160	M323	8.5	SMT
Pressure	GPM	Jet Vel	303.46	N/A	378	I-Row	O-Row	DC	Location	Bearings
4,100	520	323				N/A	N/A	N/A	N/A	N/A
Serial Numl	Type	Jets	TFA							
SA01578	NV516C	2 x 11 / 3 x 12	0.517							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	196.5	244	355	230	28,000		196.5
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	837	5.5	4.67	26,501	27,793.86	XT54	XT54	24.7	683,499.753	S135	PREM	RIG
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	91	1,292.86	XT54	XT54	57.8	28,925.053		CONV	RIG
14	Hydro-Mechanical Jar	NOJ	6.5	1	6.5		34.36	1,201.86			0.88	23,665.253			HMJ650-4166583
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	180.8	1,167.5	XT54	XT54	57.8	23,635.016		CONV	RIG
12	Crossover	RIG	6.75	1	6.75	2.875	2.64	986.7	XT54	NC46	50	13,184.776			19051172
11	PBL (Multiple Activation By Pass)	SAM	6.75	1	5	3.125	918	984.06	NC50	NC50	10	13,052.776			OSC675SBP538
10	Filter Sub	SDM	6.781	1	6.781	2.75	6.13	66.06	NC50	NC50	98	3,872.776			675-1071
9	Float Sub	SDM	6.781	1	6.781	2.875	2.55	59.93	NC50	NC50	102	3,272.036			0183-11
8	Float Sub	SDM	6.812	1	6.813	3	2.41	57.38	NC50	5 1/2 FH	157.5	3,011.936			50233-001
7	Non Magnetic Drill Collar (NMDC)	SDM	6.75	1	6.75	2.5	7.34	54.97	NC50	NC50	108	2,632.361		SPRL	1188835
6	Saver Sub	SDM	6.875	1	6.875	4.625	1.18	47.63	4 1/2 FH	5 1/2 IF	1	1,839.641			5148-1-4
5	Measurement While Drilling (MWD)	SDM	6.75	1	6.75	3	24.73	46.45	DS50	FH	1.1	1,838.461			SN2104660
4	Saver Sub	SDM	6.875	1	6.875	2.875	1.18	21.72	5 1/2 FH	5 1/2 FH	0.88	1,811.258			OFS-22863
3	Power & Communication Sub	SDM	6.75	1	6.75	2.25	7.12	20.54	5 1/2 FH	NC50	100	1,810.22			MNB61307
2	RSS	SDM	6.75	1	6.75		12.77	13.42			86	1,098.22			82539
1	Bit	SMT	8.5	1	8.5		0.65	0.65				0			SA01578

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	N/A	N/A	N/A	SEASONAL	1,834	DAILY X 2

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SDM	RIG	BAR	SNS	RIG	ARM	SAP	ARM
Category	CTRG	DPDS	RIG	DFMS	H2S	OTHR	OTHR	WTERLNE	WSC
No. of Persons	17	4	7	15	1	62	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	24	24	24

Total
111

LIMITED MORNING REPORT

HZEM-611802 EXPLORATION DRILLING BI-1514

01/07/2026 - 02/08/2026

TRUCKS/BOATS	Standby/Tankers						
	H701						
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX	
	N/A	N/A	590	245	41	4780	
REPAIR ASAP	Instrumentation	Other					Reporter
	Computer, Communication & V-Sat Issues						

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

HMYM-560602 EXPLORATION DRILLING BI-1514

01/18/2026 - 02/06/2026

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SP-259 @ HMYM-560602 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-259
Well: HMYM-560602
Wellbores: (0) HMYM_560602_0

Charge #: (87-25710-8165)
Wellbores: (0) HMYM_560602_0

Objective : (GAS PRODUCER)

Foreman(s): ELETRBY, MOHAMED MONEER / AMRIOUI, KAMAL
Engineer: ALMOOSA, ABDULLAH FAHAD / OSWAL, RAHUL
Manager: YAMI, FAHAD MANE

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2753	572-4207	572-5434

CONTRACTOR /CLERK VSA T: 572-6932

Last 24 hr operations
SET WB, L/D 12" BHA, P/U & RIH 8-1/2" C/O BHA, C/O CMT & DV, RIH 8-1/2" BHA, C/O CMT & S-TRACK, DRILL NEW FORMATION, DISPLACE TO OBM, CHC, POOH 8-1/2" C/O BHA.

Next 24 hr plan
P/U, M/U & RIH WITH 8 1/2" SLB RSS BHA , SLB ORBIT G2 PLUS DRILL 8 1/2" NEGATIVE AND CURVE HOLE SECTION.

Location
HMYM-560604 IS 115KM FROM DMG, HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 13 KM, U-TURN, 9 KM TO SKID

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,583	9 5/8	7569	7569				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7580	8.6 (01/19/2026@1500)	100	3	88	115

Formation Tops

Formations	Top Depth	Comments
DMMM	559	21 FT SHALLOWER
RUS	929	5 FT SHALLOWER
UMER	1,343	10 FT SHALLOWER
ARUM	2,353	185 FT DEEPER
LAMS	2,671	29 FT SHALLOWER
AHMD	5,181	6 FT SHALLOWER
SFNY	5,620	28 FT SHALLOWER
SHUB	6,290	13 FT SHALLOWER
BYDH	6,664	12 FT SHALLOWER
MDTM	7,506	14 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	12	N	WH	SET	WBSH	IWS	7580	7580			INSTALLED SHORT WEAR BUSHING AS PER FMC ENGINEER. > SET @ 38.6'.
0530 - 0700	1.5	0	12	N	DRLG	HT	BHA	RIG	7580	7580			L/D 12 X 8.5" DC'S + 2 X 6-5/8" HWDP.
0700 - 0900	2	0	12	N	DRLG	RR	TDS	RIG	7580	7580			RIG SERVICE. > CHANGED TDS SAVER SUB. > CHANGED TDS WASH PIPE.
0900 - 1030	1.5	0	12	N	DRLG	TI	BHA	RIG	7580	7580	0	456	HPJSM, P/U & RIH W/ 8-1/2" CLEAN OUT BHA. > P/U 8-1/2" MT RR BIT XR+C, SN:RV2400. > P/U 06 JTS 6-1/2" DC FROM PIPE RACK.
1030 - 1230	2	0	12	N	DRLG	TI	STDP	RIG	7580	7580	456	4650	RIH WITH 8-1/2" CLEAN OUT BHA ON 5-1/2" DPS FROM MAST. > FILLED UP EVERY 20 STANDS.
1230 - 1300	0.5	0	12	N	DRLG	RW	BIT	SBT	7580	7580	4700	4797	WASHED DOWN AND TAGGED TOC AT 4,843'.
1300 - 1445	1.75	0	12	N	DRLG	DFS	TDS	RIG	7580	7580	4797	4950	C/O CEMENT & DV TOOL PLUGS. > REAMED DV TOOL SEVERAL TIMES.
1445 - 1600	1.25	0	12	N	DRLG	TI	STDP	RIG	7580	7580	4950	7200	RIH WITH 8-1/2" CLEAN OUT BHA ON 5-1/2" DPS FROM MAST. > FILLED UP EVERY 20 STANDS.
1600 - 1615	0.25	0	12	N	DRLG	RW	BIT	SBT	7580	7580	7200	7260	WASHED DOWN AND TAGGED TOC AT 7,260'.
1615 - 1645	0.5	0	12	N	DRLG	PTST	MPMP	RIG	7580	7580			CIRCULATED HOLE & CONDITIONED MUD. P/T CSG TO 2600 PSI (EMW 118 PCF) FOR 10 MINS-GOOD TEST. > CHECKD ALL PRESSURE GAUGES ON STAND PIPE, REMOTE PANEL, CHOKE MANIFOLD, MUD PUMPS AND DRILLER CONSOLE.
1645 - 2015	3.5	0	12	N	DRLG	DFS	TDS	RIG	7580	7580	7260	7261	DRILLED OUT CEMENT, PLUGS & F.C, SHOE TRACK & RAT HOLE. > DISPLACD WELL TO 85 PCF OBM. > PERFORMED PIT DRILL.
2015 - 2215	2	0	8 1/2	N	DRLG	D	TDS	RIG	7580	7583			DRILLED 3' OF NEW FORMATION.
2215 - 2245	0.5	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	7583	7583			CIRCULATED HOLE CLEAN AND CONDITION MUD, MW IN/ MW OUT 85 PCF.
2245 - 2315	0.5	0	8 1/2	N	DRLG	WCNT	NA	RIG	7583	7583			FLOW CHECKED - WELL STATIC.
2315 - 0215	3	0	8 1/2	N	DRLG	TO	STDP	RIG	7583	7583	7583	929	POOH W/ CLEAN OUT BHA ON 5-1/2" DP STDS.
0215 - 0230	0.25	0	8 1/2	N	DRLG	WCNT	NA	RIG	7583	7583			FLOW CHECKED - WELL STATIC.
0230 - 0245	0.25	0	8 1/2	N	DRLG	TO	STDP	RIG	7583	7583	929	440	POOH W/ CLEAN OUT BHA ON 5-1/2" DP STDS.
0245 - 0300	0.25	0	8 1/2	N	DRLG	WCNT	NA	RIG	7583	7583			

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

HMYM-560602 EXPLORATION DRILLING BI-1514

01/18/2026 - 02/06/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													FLOW CHECKED - WELL STATIC.
0300 - 0400	1	0	8 1/2	N	DRLG	HT	BHA	RIG	7583	7583			HPJSM, POOH & L/D CLEAN OUT BHA. > L/D 2 STANDS OF 6-1/2" DC & 3 STANDS OF 5-1/2" HWDP. > L/D 8 1/2" MILLED TOOTH BIT.
0400 - 0459	1	0	8 1/2	N	DRLG	HT	BHA	RIG	7583	7583			HPJSM, PU & MU SLB 8-1/2" RSS ORBIT G2 PLUS BHA - ONGOING. > P/U 9 JTS 5-1/2" HWDP. > P/U & M/U NESR 6-1/2" HDA JAR.

Foreman Remarks

HMYM-560602 IS THE 3RD SLOT ON PAD HMYM-5606 TO BE DRILLED BY RIG SP-259 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING HANIFA-C RESERVOIR (HNFC) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE HNFC AND DRILL TO TD OF 18,886 FT. (MD) / 10,529 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 7,748 FT. AT 347-DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5 1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 17 DAYS.
==========JOURNEY MANAGEMENT & LOCATION==========
CALL SP-259 RIG OFFICE AT 013-572-4702. PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF CO, NUMBER OF PERSONNEL, COLOR OF VEHICLE EMERGENCY CONTACT OF BASE PERSONNEL.
==========JARS AND RENTAL TOOLS ==========
RENTAL TOOLS:

RECEIVED NESR 6-1/2" HDA JAR SN HJDA-650-0011 ON 1/26/2026.
RECEIVED 2 X 6-3/4" SAMAA PBL SUB SN NOR675SBP613 & HYD675SBP172 ON 1/26/2026.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR SAP PUMP SERVICES FROM SITE 2705.
==========ARAMCO PERSONNEL==========
> ARAMCO CLERK MOHD TARIQ KHAN #8145081 ON LOCATION SINCE 12/31/2025.
> ARAMCO MATERIAL EXPEDITOR ZIYAD ALSHARANI #8668822 ON LOCATION SINCE 1/21/2026.
> ARAMCO PDP MOHAMMED ALDHAFEERI #8641799 ON LOCATION SINCE 1/21/2026.
> ARAMCO DOECD AUDITOR EMAD A. SAYED #8335923 ON LOCATION SINCE 25-JAN-2026 FOR RHSEI AND WCEI.
==========
> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM SITE-2705.
==========CASING DEPTH==========
CASING POINTS :
PLANNED | ACTUAL
> 18-5/8" CSG : 984' | 961'
> 13-3/8" CSG : 5,238' | 5,209'
> 9-5/8" CSG : 7,566' | 7,569'
> 5-1/2" CSG : 18,887' |
==========DAILY SAFETY REPORT ==========
> NEAR MISS: 00.
> DRILLS:2
> STOP CARDS:22
> SAFE ACT:5, SAFE COND: 6, UNSAFE ACT: 4, UNSAFE CONDITION: 6, STOP WORK AUTHORITY: 2.
> LTI FREE DAYS: 1975.
==========
> ERP: CONDUCT DAILY COMMUNICATION WITH RIG AD-77,HP-700 & HP-707 AS PER ERP REQUIREMENTS.
==========
> IN-HOUSE AUDITS:
05/07/2025: TOTAL FINDINGS: 242, OPEN ITEMS:0, , CLOSED ITEMS: 242.
07/23/2025: TOTAL FINDINGS: 160, OPEN ITEMS:0, , CLOSED ITEMS: 160.
09/13/2025: TOTAL FINDINGS: 14, OPEN ITEMS:0, , CLOSED ITEMS: 14.

> EXTERNAL AUDIT (LPCR):
08/30/2025: TOTAL FINDINGS: 17, OPEN ITEMS: 0, , CLOSED ITEMS: 17.

> EXTERNAL AUDIT DOECD (RHSEI):
01/30/2025: TOTAL FINDINGS: 51, OPEN ITEMS: 0, CLOSED ITEMS: 51.

> EXTERNAL AUDIT DOECD (HSE GAP ANALYSIS):
09/26/2025:RIG ACHIEVED 93.5 % SCORE, WAITING FOR THE APPROVED ACTION PLAN NCR FOR THE OPEN ITEMS.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	1	0API	60.6	380 Volts	9.9	0	35,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.6HTHP	20	14	0	7 / 10	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
75	0	19	19.4	5 / 7	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	1	0API	60.4	385 Volts	10.2	0	35,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.6HTHP	20	15	0	7 / 10	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
	0	18	19.6	6 / 8	0	0	0

LIMITED MORNING REPORT

HMYM-560602 EXPLORATION DRILLING BI-1514

01/18/2026 - 02/06/2026

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MUD TREATMENT

MAXSHIELD	STELSEALFN	STELSL50	MRBL-M	CACO3-25	CACO3-50	BARITE
8 (55GL)	63 (50LB)	63 (50LB)	5 (2200L)	70 (25KG)	70 (25KG)	615 (100LB)
CACL2-80	**EZ-MUL**	**GELTONE**	**INVERMUL**	**CAOH2**	**LIG-OBM**	
9 (2200L)	13 (55GL)	39 (25KG)	26 (55GL)	219 (25KG)	295 (50LB)	

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
17	Drillpipe	RIG	5.5	1	5.5	4.67	31.59	424.65	XT54	XT54	24.7	34,329.812	XD105	PREM	ON FILE
16	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	90.92	393.06	XT54	XT54	52.51	33,549.539		CONV	ON FILE
15	Hydro-Mechanical Jar	NPJ	6.75	1	6.75		31.26	302.14			70	28,775.33			HJDA-650-0011
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	182.8	270.88	XT54	XT54	56	26,587.13		CONV	ON FILE
13	Crossover	RIG	6.75	1	6.75	2.813	2.34	88.08	NC50	XT54	70	16,350.33			259-02
12	FIlter Sub	SDM	6.75	1	6.625	3	6.51	85.74	NC50	NC50	70	16,186.53			675-8012
11	Float Sub	SDM	6.969	1	6.75	2.875	3	79.23	NC50	NC50	70	15,730.83			1498-1-5
10	Float Sub	SDM	6.75	1	6.75	2.25	3	76.23	NC50	T2	70	15,520.83			1498-1-2
9	Non Magnetic Drill Collar (NMDC)	SDM	6.75	1	6.75	2.5	8.2	73.23	NC50	NC50	80	15,310.83		SPRL	7759027
8	Saver Sub	SDM	6.875	1	6.875	2.875	1.45	65.03	5 1/2 FH	NC50	70	14,654.83			GTF-6424-1-3
7	Measurement While Drilling (MWD)	SDM	6.75	1	8		34.35	63.58	5 1/2 FH	5 1/2FH	201	14,553.33			S1898-2
6	Crossover	SDM	6.75	1	6.75	2.875	2.56	29.23	5 1/2 FH	XT54	70	7,648.98			OFS-19957
5	Vibration Mitigation Tool	SDM	6.75	1	6.82	2	5.01	26.67	5 1/2 FH	NC50	604	7,469.78			HFTO5000210859
4	Crossover	SDM	6.75	1	6.75	2.875	2.55	21.66	5 1/2 FH	XT54	70	4,443.74			OFS-20712
3	Vibration Mitigation Tool	SDM	6.75	1	6.82	2	4.97	19.11	5 1/2 FH	NC50	604	4,265.24			3927154HFTO500021378
2	RSS	SDM	6.75	1	6.75	2.5	13.44	14.14	4-1/2" IF	4-1/2" REG	94	1,263.36			N000139
1	Bit	SMT	8.5	1	8.5		0.7	0.7				0			01768

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	1	SEASONAL	N/A	N/A	1,974	02 X DAY

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	SNS	RIG	ARM	SAP	ARM	SAM	SDM
Category	CTRG	RIG	DFMS	H2S	OTHR	OTHR	WTERLNE	WSC	WBCS	DPDS
No. of Persons	17	52	2	1	15	4	2	2	1	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	12	12
Operating Hours.	0	24	24	12	12	12	24	24	0	0

Total
99

TRUCKS/BOATS

Standby/Tankers
c259

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	604	291	10	1350

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

HMYM-562802 EXPLORATION DRILLING BI-1514

01/06/2026 - 01/28/2026

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saudi aramco

SP-26 @ HMYM-562802 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s)	
SP-26	(87-25710-7903)	(GAS WELL UNCONVENTIONAL/DEVELOPMENT IN HMYM)		ALHAMRANI, KHALID MOHAMMED / ALKHAMMAS, MOHAMMED ABDULAZIZ
Well	Wellbores:		Engineer	BODEY, OMAR ABDULAZIZ
HMYM-562802	(0) HMYM_562802_0		Manager	MALKI, RAYED AHMAD
Wellbores:				
(0) HMYM_562802_0				

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677713 780	576-3321	576-3108

Last 24 hr operations	Next 24 hr plan
RD CMT HEAD, RD CASING EQUIPMENT, INSTAL PACK-OFF & PT, SET BPV, ND 13-5/8" BOP, RIG RELEASE.	RD ON HMYM-562802, RIG MOVE/SKID TO HMYM-562812

Location	Next Location
HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 30 KM, LEFT TOWARD HOFUF/SALWA ROAD, FOLLOW SIGN BOARD.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
26,364	9 5/8	7379	7379				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
26364	19.7 (01/07/2026@2330)	100	0	86	131

Formation Tops

Formations	Top Depth	Comments
SULY	7,687	-4
HITH	8,207	11
ABAR	8,618	5
ABBR	8,713	4
ABCR	8,799	3
ABDR	8,980	4
JUBL	9,139	5
JBSR	9,762	9
HNIF	10,001	8
HNFA	10,076	9
HNFB	10,106	9
HNFC	10,150	8
HNFD	10,177	9
TQMA	10,196	9
TQMB	10,212	8

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0545	0.75	0	EOW	C	CSG	CMC	CSG	HCM	26364	26364			FLOW CHECK FLOATS (OK). *RD CEMENT HEAD & LINES.
0545 - 0600	0.25	0	EOW	C	WH	OTH	NA	RIG	26364	26364			LD 5-1/2" LND JNT & CIW RUNNING TOOL.
0600 - 0715	1.25	0	EOW	C	COMP	HT	PEL	SPR	26364	26364			RD SAPESCO CSG EQUIP & CRT.
0715 - 0730	0.25	0	EOW	C	COMP	HT	PEL	RIG	26364	26364			RU TDS BAILS
0730 - 0945	2.25	0	EOW	C	WH	PTST	TBGHR	CAM	26364	26364			JET WELLHEAD PER CIW ENG. *INSTALL CIW 13-5/8" X 5-1/2" PACK-OFF ASSEMBLY. *PRESSURE TEST PACK OFF TO 10K PSI & OVER PULL 20K AS PER CIW (OK).
0945 - 1000	0.25	0	EOW	C	WH	SET	BPV	RIG	26364	26364			INSTALL BPV.
1000 - 1515	5.25	0	EOW	C	BOP	ND	BOP	RIG	26364	26364			ND 13-5/8" 10K BOP & RELATED EQUIPMENT.
1515 - 1515	0	0	EOW	S	OT	RELS	NA	RIG	26364	26364			RIG RELEASE 1/27/2026 @ 15:15 HRS. FOLLOWING WOLL BE DONE OFFLINE: - NU 5-1/8" 15M VG GATE VALVE & 13-5/8" 10M X 5-1/8" 15M CIW TUBING BONNET. - REMOVE 1 X 2-1/16" 10K VALVE FROM CIW UNIHEAD, INSTALL VR PLUG & BLIND FLANGE. - PRESSURE TEST THE CAVITY TO 10,000 PSI FOR 10 MINUTES (OK). - RETRIEVE BPV & INSTALL TWCV. - RETRIEVE TWCV & SET BPV. (BPV INSTALLED SN #G33295-23). - PRESSURE TEST WELL HEAD AGAINST TWCV TO 15K PSI - (OK). - CLOSE LMV AND PT AGAINST BLIND FLANGE 15K (OK). - PT CASING TO 3000 PSI FOR 30 MINUTES. FINAL WELL DETAILS: *FLOAT SHOE @ 26,316' MD. *LATCH COLLAR@ 26,273' MD. *SLB KSV #1 @ 26,185' MD, SLB KSV #2 @26,043'. *8 MARKER JOINTS @ 22,933', 20,937, 18,936', 16,945', 14,935', 12,925', 10,892', 9,236'. *TBG PRESSURE=0 PSI. *TCA PRESSURE=0 PSI. *CCA 13 X 9 PRESSURE=0 PSI. *CCA 18 X 13 PRESSURE=0 PSI. *BPV INSTALLED & LEFT ABOVE HANGER. *FLUID INSIDE TUBING 85 PCF FILTERED BRINE.

LIMITED MORNING REPORT

HMYM-562802 EXPLORATION DRILLING BI-1514

01/06/2026 - 01/28/2026

Foreman Remarks

HMYM-562802 IS THE 3RD SLOT ON PAD HMYM-5628 TO BE DRILLED BY RIG SP-26 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 25 FT. INSIDE TQMA AND DRILL TO TD OF 26,404 FT. (MD) / 10,212 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 15,507 FT. AT 347-DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5 1/2 CEMENTED LONG STRING MONO-BORE COMPLETION.
==========
JOURNEY MANAGEMENT
PRIOR TO EXITING BLACKTOP ONTO SKID ROAD ALL MUST CALL ARAMCO CLERK @ 013-576-3108.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HMYM-845.
==========
ARAMCO URDD PDP MOHAMMED S ALHARBI #8634352 ARRIVED LOCATION SINCE 01/21/2026.
ARAMCO MATERIAL EXPEDITOR MOHAMMED ALHAJRI #7318319 ARRIVED LOCATION SINCE 01/22/2026.
ARAMCO URDD FCT MOHAMMED H ALHARBI #795277 ARRIVED LOCATION SINCE 1/23/2026.
==========
STOP CARDS: 12.
PTW: 16.
NEAR MISS: NONE.
DRILLS: NONE.
==========
18-5/8" CSG @ 709'.
13-3/8" CSG @ 4,976'.
9-5/8" CSG @ 7,379'.
5-1/2" CSG @ 26,318'.
==========
IHA:
TOTAL: 94
CLOSED: 75
OPEN: 19 (17-P2, 2-P3)

LPCR:
TOTAL: 13
CLOSED: 13
OPEN: 0

DOECD (RHSEI):
TOTAL: 44
CLOSED: 40
OPEN: 4
==========
RENTAL TOOLS:
TAQA COUGAR 6-1/2" JAR ON LOCATION 01/15/2026.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	26,364	90	347.6	0	10,193	4804.01	-1287.29	16,317.25	0.09

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	0	0API	0	0 Volts	0	10.5	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
0	0	0	0	0 / 0	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
85 PCF	0	0API	0	0 Volts	0	10.2	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	100	0	0	0 / 0	WBM-CAC	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
0	0	0	0	0 / 0	0	0	0

MUD TREATMENT

CACL2-80	BACT	O-3670R	CAOH2	OXYGON	SOURSCAV
70 (2200L)	4 (5GL)	6 (55GL)	3 (25KG)	2 (25KG)	14 (25KG)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	N/A	NORMAL	N/A	CLEAR	1,123	2X PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	BFL	RIG	ARM	SAP	ARM	GEP
Category	CTRG	RIG	DFMS	FILT	OTHR	OTHR	DHPMP	WSC	WHES
No. of Persons	15	66	11	2	11	2	4	2	1

Total
114

LIMITED MORNING REPORT

HMYM-562802 EXPLORATION DRILLING BI-1514

01/06/2026 - 01/28/2026

	Personnel on Loc. Hrs.	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25
	Operating Hours.	0	10.25	10.25	0	10.25	10.25	10.25	10.25	4

TRUCKS/BOATS	Standby/Tankers
	B843

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	447	240	80	4950

REPAIR ASAP			
	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HMYM-562812 EXPLORATION DRILLING BI-1514

01/28/2026 - 02/19/2026

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SP-26 @ HMYM-562812 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SP-26 Well HMYM-562812 Wellbores: (0) HMYM_562812_0	Charge #: (87-25710-7904) Wellbores: (0) HMYM_562812_0	Objective : (GAS WELL UNCONVENTIONAL/DEVELOPMENT IN HMYM)	Foreman(s) ALHAMRANI, KHALID MOHAMMED / ALKHAMMAS, MOHAMMED ABDULAZIZ Engineer BODEY, OMAR ABDULAZIZ Manager MALKI, RAYED AHMAD THURAYA 8821677713 780 RIG FORMAN VSAT 576-3321 CONTRACTOR /CLERK VSAT 576-3108

Last 24 hr operations	Next 24 hr plan
RD ON HMYM-562802, RIG MOVE/SKID TO HMYM-562812	RIG MOVE/SKID TO HMYM-562812

Location	Next Location
HALF MOON BAY TO UQAIR/HOFUF ROAD, RIGHT 30 KM, LEFT TOWARD HOFUF/SALWA ROAD, FOLLOW SIGN BOARD.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	86	131

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
1515 - 0459	13.75	0	PRE	N	RM	RM	NA	RIG	0	0			RIG MOVE/SKID FROM HMYM-562802 TO HMYM-562812 *RIG DOWN CEMENT TANKS, MUD/WATER LINES & ELECTRICAL CABLES. *REMOVE CATWALK & LEVEL NEW CELLAR AREA. *R/D MGS & KOOMEY UNIT HYDRAULIC HOSES. *INSTALL MATTING BOARDS, SKID RAILS, & SKIDDING PACKAGE. *SKID RIG FORWARD TO HMYM-562812 ON GOING. *SPOT KOOMEY UNIT. *MIX SPUD MUD.

Foreman Remarks

HMYM-562812 IS THE 4TH SLOT ON PAD HMYM-5628 TO BE DRILLED BY RIG SP-26 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 25 FT. INSIDE TQMA AND DRILL TO TD OF 18,645 FT. (MD) / 10,191 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 7,430 FT. AT 167-DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5 1/2 CEMENTED LONG STRING MONO-BORE COMPLETION.
==========
JOURNEY MANAGEMENT
PRIOR TO EXITING BLACKTOP ONTO SKID ROAD ALL MUST CALL ARAMCO CLERK @ 013-576-3108.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HMYM-845.
==========
ARAMCO URDD PDP MOHAMMED S ALHARBI #8634352 ARRIVED LOCATION SINCE 01/21/2026.
ARAMCO MATERIAL EXPEDITOR MOHAMMED ALHAJRI #7318319 ARRIVED LOCATION SINCE 01/22/2026.
ARAMCO URDD FCT MOHAMMED H ALHARBI #795277 ARRIVED LOCATION SINCE 1/23/2026.
==========
STOP CARDS: 12.
PTW: 16.
NEAR MISS: NONE.
DRILLS: NONE.
==========
18-5/8" CSG @ +/- 774'.
13-3/8" CSG @ +/- 5,083'.
9-5/8" CSG @ +/- 7,444'.
5-1/2" CSG @ +/- 18,230'.
==========
IHA:
TOTAL: 94
CLOSED: 75
OPEN: 19 (17-P2, 2-P3)

LPCR:
TOTAL: 13
CLOSED: 13
OPEN: 0

DOECD (RHSEI):
TOTAL: 44
CLOSED: 40
OPEN: 4
==========
RENTAL TOOLS:
TAQA COUGAR 6-1/2" JAR ON LOCATION 01/15/2026.

DAILY SURVEY	
MUD DATA	
MUD TREATMENT	

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

HMYM-562812 EXPLORATION DRILLING BI-1514

01/28/2026 - 02/19/2026

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BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	NORMAL	1,123	2X PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	BFL	RIG	ARM	SAP	ARM	GEP
Category	CTRG	RIG	DFMS	FILT	OTHR	OTHR	DHPMP	WSC	WHES
No. of Persons	15	66	11	2	11	2	4	2	1
Personnel on Loc. Hrs.	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75
Operating Hours.	0	13.75	13.75	0	13.75	12	12	13.75	4

Total
114

TRUCKS/BOATS

Standby/Tankers
b-843

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	447	240	80	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HZEM-492002 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/09/2026

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SP-260 @ HZEM-492002 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-260
Well: HZEM-492002
Wellbores: (0) HZEM_492002_0

Charge #: (87-25541-7975)
Wellbores: (0) HZEM_492002_0

Objective : (HZEM-492002 IS THIRD WELL ON HZEM-4920 PAD TO BE DRILLED BY SP-260 AS A HORIZONTAL DEVELOPMENT)

Foreman(s): TURK, ROJHAT / KONSWA, AYMAN AHMED
Engineer: ALQAHTANI, ABDULMOHSEN MOHAMMED
Manager: GARNI, ABDULLAH SALEH

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00882-1677 71-2138	5728415	5726472

CONTRACTOR /CLERK VSA T: 5746836

Last 24 hr operations: DRILL 8 1/2 HOLE LATERAL SECTION, CHC, POOH WITH SLB 8 1/2 RSS BHA

Next 24 hr plan: POOH WITH SLB 8 1/2 RSS BHA, RUN 5 1/2 CSG &CMT IN PLACE

Location: FROM HOFUF 100 KM TOWARD SALWA, LEFT AT RIG SIGN, 26 KM ON SKID ROAD.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
26,650	9 5/8	7217					

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
25800	16.8 (01/11/2026@1030)	100	850	144	250

Formation Tops

Formations	Top Depth	Comments
MDTM	7,174	1 FT DEEPR TVD
SULY	7,677	4 FT SHALLOWER TVD
HITH	8,217	5 FT SHALLOWER TVD
ABAR	8,696	3 FT SHALLOWER TVD
ABBR	8,799	1 FT SHALLOWER TVD
ABCR	8,895	1 FT SHALLOWER TVD
ABDR	9,052	2 FT SHALLOWER TVD
JUBL	9,223	1 FT SHALLOWER TVD
JBSR	10,020	1 FT DEEPR TVD
HNIF	10,314	2 FT DEEPR TVD
HNFA	10,358	3 FT DEEPR TVD
HNFB	10,408	3 FT DEEPR TVD
HNFC	10,549	1 FT DEEPER TVD
HNFD	10,677	AS PROGNOSED
TQMA	10,814	AS PROGNOSED

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1530	10.5	0	8 1/2	N	DRLG	D	RSS	SDM	25800	26650			DRILL 8-1/2" HOLE LATERAL SECTION WITH SLB RSS ASSEMBLY. 100% RETURNS WITH 99-100 PCF OBM. > DRILLING PARAMETERS: 150-160 RPM, WOB 30-60 KLBS, TRQ 25-30 KLBS-FT, FR 460 -500 GPM, SPP: 4500-5100PSI. > SLB SENT DOWNLINKS TO FOLLOW PLAN AS PER IOC. > TOOK SLOW PUMP RATES AS REQUIRED. > CONNECTION TIME: 4 M > PUMP 1X HI-WEIGHT SWEEPS EVERY STND WHILE DRILLING FROM 26,300 TO TD.
1530 - 1930	4	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	26650	26650			PERFORM THE CLEAN-UP CYCLE AS PER PLAN. 100% RETURNS WITH 100 PCF OBM > PARAMETERS: FR: 500-520 GPM, SPP: 4800-5300 PSI, RPM: 160-180, TRQ: 16-18 KLBS-FT. > CIRCULATE AS PER SLB JAFURAH CONSIDERATIONS. > DISPLACED WELL WITH 1000 BBLS FRESH MUD 100 PCF. > CHECKED SHAKERS. ALL CLEAN. OK.
1930 - 2000	0.5	0	8 1/2	N	SUSP	SDR1	NA	RIG	26650	26650			SHUTDOWN OPERATION TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH
2000 - 2030	0.5	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	26650	26650			PERFORMED FLOW CHECK AT BOTTOM-WELL STATIC
2030 - 2200	1.5	0	8 1/2	N	DRLG	BR	STRG	RIG	26650	26650	25650	26130	SOFT TO MEDIUM BACKREAMED 5 STD WITH 8-1/2" RSS BHA THROUGH LATERAL SECTION. > RPM: 150, FLOW RATE: 500-530 GPM, SPP: 4500- 4800 PSI, , T.Q: 16-23 KLB.FT. > ATTEEMPTED POOH ON ELEVATOR, NO SUCCESS UNTIL 520 KLB HOOKLOAD.
2200 - 2215	0.25	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	26650	26650			FLOW CHECK, WELL STATIC.
2215 - 0000	1.75	0	8 1/2	N	DRLG	BR	STRG	RIG	26650	26650	26130	25469	SOFT TO MEDIUM BACKREAMED WITH 8-1/2" RSS BHA THROUGH LATERAL SECTION. > RPM: 150 , FLOW RATE: 500 GPM, SPP: 4500 -8400 PSI, , T.Q: 16-21 KLB.FT.
0000 - 0030	0.5	0	8 1/2	N	SUSP	SDR1	NA	RIG	26650	26650			SHUTDOWN OPERATION TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH
0030 - 0115	0.75	0	8 1/2	N	DRLG	BR	STRG	RIG	26650	26650	25469	25000	SOFT TO MEDIUM BACKREAMED WITH 8-1/2" RSS BHA THROUGH LATERAL SECTION. > RPM: 150 , FLOW RATE: 500 GPM, SPP: 4200 - 4500 PSI, , T.Q: 16-20 KLB.FT.
0115 - 0230	1.25	0	8 1/2	N	DRLG	CIRC	MPMP	RIG	26650	26650			CIRCULATED BOTTOMS UP 100% RETURNS WITH 100 PCF OBM

LIMITED MORNING REPORT

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HZEM-492002 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/09/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													> PARAMETERS: FR: 550 GPM, SPP: 4200-4500 PSI, RPM: 150, TRQ: 16-18 KLBS-FT. > CIRCULATE AS PER SLB JAFURAH CONSIDERATIONS. > CHECKED SHAKERS. ALL CLEAN. OK
0230 - 0459	2.5	0	8 1/2	N	DRLG	BR	STRG	RIG	26650	26650	25000	24100	MEDIUM TO SOFT BACKREAMED WITH 8-1/2" RSS BHA THROUGH LATERAL SECTION. > RPM: 150, FLOW RATE: 500 GPM, SPP: 4100- 4400 PSI, T.Q: 17-24 KLB.FT. > ATTEMPTED TO POOH ON ELEVATOR 2 TIMES, UNTIL 520 KLBS, NO SUCCESS.

Foreman Remarks

==========WELL OBJECTIVE==========
HZEM-492002 IS THE THIRD WELL ON HZEM-4920 PAD TO BE DRILLED BY SP-260 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 14 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 26,619 FT MD / 10,218 FT TVD WITH A TOTAL EFFECTIVE LATERAL LENGTH OF 15,700 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLAN DURATION FROM SPUD TO RIG RELEASE IS 30.3 DAYS.

==========SAFETY==========
ERP: COMMUNICATE WITH AD-71 DAILY AS AD-71 IN RER 30 AS PER ERP.
DRILL: NONE.
HSE ALERTS : 08-26 ROUSTABOUT ANKLE TWISTED.
NEAR MISS: NONE.
==========WELL INFO==========
PLAN/ACTUAL:
18 5/8" CASING @ 983' / 975'
13 3/8" CASING @ 4,758' / 4808'
9 5/8" CASING @ 7,184' / 7217'
5 1/2" TUBING @ 26,619' /
==========ARAMCO PERSONNEL==========
> ARAMCO MATERIAL EXPEDITOR RAKAN ALZAHRANI # 8656519 ON LOCATION SINCE 01/14 /2026.
> ARAMCO PDP FAHAD ALHAJRI #8648172 ON LOCATION SINCE 01/14/2026.

==========RENTAL TOOLS==========
> NOV 6 1/2" JAR SN#CW-1919859-3 ON LOCATION SINCE 01/19/26 AT 11:00 AM.
> 6-3/4" CORETRAX PBL ON LOCATION SINCE 01/18/2025.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	25,865	89.95	346.54	94	10,255	4628.26	-1249.08	15,727.86	0.09
0	25,959	90.07	346.5	94	10,255	4656.12	-1255.76	15,821.82	0.14
0	26,051	90.08	346.84	92	10,255	4683.41	-1262.23	15,913.78	0.38
0	26,147	90.08	346.68	96	10,255	4711.89	-1268.93	16,009.73	0.17
0	26,246	90.08	346.16	99	10,255	4741.22	-1276.01	16,108.69	0.54
0	26,359	90	346.42	113	10,255	4774.68	-1284.18	16,221.66	0.25
0	26,453	90.13	346.74	94	10,255	4802.55	-1290.82	16,315.63	0.36
0	26,565	90.04	346.92	112	10,255	4835.79	-1298.6	16,427.57	0.19
0	26,650	90	347	85	10,255	4861.03	-1304.45	16,512.52	0.1

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	2	0API	58.2	490 Volts	10.3	0	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	5.2HTHP	13.4	18	0	12 / 17	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	0	25	28.4	11 / 12	0	18,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
100 PCF	3	0API	57	520 Volts	16.8	0	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
163	7.8HTHP	11.4	23	0	15 / 20	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	26	31.6	14 / 15	0	22,000	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
99 PCF	3	0API	58	580 Volts	15.3	0	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
160	7.2HTHP	11.6	22	0	14 / 18	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	23	30.4	12 / 13	0	18,800	0

MUD TREATMENT

INVERMUL	EZ-MUL	SOURSCAV	BARITE	CAOH2	DURATONE
3 (55GL)	3 (55GL)	50 (55LB)	15 (5000L)	120 (55LB)	60 (50LB)

BIT DATA

Bit Number / Serial Num	MD In / Type	MD Out / Jets	Run Footag / TFA	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur

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LIMITED MORNING REPORT

HZEM-492002 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/09/2026

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5RR	7,229	26,650	DP Av	DC Av	Bit HHP	60	150	M323	8.5	SMT
Pressure	GPM	Jet Vel				I-Row	O-Row	DC	Location	Bearings
5,100	480	311	280.11	N/A	318	N/A	N/A	N/A	N/A	N/A
SA01637	NV516C	8 x 9 /	0.497							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	161	267	260	240	30,000	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	Mud Motor Hrs						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	31.48	445.91	XT54	XT54	24.7	63,581.896	XD105	PREM	ON-FILE
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	91.27	414.43	XT54	XT54	52.51	62,804.34		CONV	ON FILE
14	Hydro-Mechanical Jar	NOJ	6.5	1	6.5	2.75	32.79	323.16	XT54	XT54	1,300	58,011.752			W1326267-1
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	182.09	290.37	XT54	XT54	52.51	15,384.752		CONV	ON FILE
12	Crossover	RIG	6.875	1	6.875	2.875	2.65	108.28	NC50	XT54	30	5,823.206			001
11	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20.42	105.63	NC50	NC50	27.7	5,743.706			DVBA-0233
10	FIlter Sub	SDM	6.75	1	6.75	3	6.14	85.21	NC50	NC50	30	5,178.072			1492-1-1
9	Float Sub	SDM	6.844	1	6.844	2.813	2.99	79.07	NC50	NC50	30	4,993.872			50234-001
8	Float Sub	SDM	7.062	1	7.063	2.875	1.83	76.08	NC50	NC50	30	4,904.172			50232-001
7	Non Magnetic Drill Collar (NMDC)	SDM	6.75	1	6.75	2.5	9.11	74.25	NC50	NC50	50	4,849.272		SPRL	1188834
6	Saver Sub	SDM	6.875	1	6.875	2.875	1.34	65.14	5 1/2 FH	NC50	100	4,393.772			1186312
5	Measurement While Drilling (MWD)	SDM	6.75	1	6.75	3.8	26.29	63.8	5 1/2" FH	5 1/2" FH	88.25	4,259.772			SN21046537
4	Power & Communication Sub	SDM	6.906	1	6.906	3.125	8.6	37.51	NC50	5 1/2 FH	0	1,939.68			
3	Pulse Sub	SDM		1	6.906	3.12	15.24	28.91	4 1/2 FH	NC50	100	1,939.68			OFS-22021
2	RSS	SDM	6.75	1	6.75	4.2	12.99	13.67	4 1/2" IF	M112	32	415.68			84957
1	Bit	SMT	8.5	1	8.5		0.68	0.68				0			SA01637

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/18/2026	N/A	SEASONAL.	N/A	SEASONAL.	1,836	2XPRETOUR MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	TGC	SDM	RIG	BAR	SNS	RIG	ARM	OTH	SAP	ARM
Category	CTRG	DPDS	RIG	DFMS	H2S	OTHR	OTHR	VAC	WTERLNE	WSC
No. of Persons	17	2	65	10	1	3	2	1	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	12	12	10	24	24

Total
105

TRUCKS/BOATS

Standby/Tankers
C-037

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	591	235	74	1550

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HZEM-752602 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/01/2026

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SP-261 @ HZEM-752602 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-261
Well: HZEM-752602
Wellbores: (0) HZEM_752602_0

Charge #: (87-24541-8499)
Wellbores: (0) HZEM_752602_0

Objective : (HORIZONTAL DEVELOPMENT TIGHT GAS WELL.)

Foreman(s): SCHMITZ, MATTHEW JOHN / BHATTI, MUHAMMAD ABBAS
Engineer: PORTILLO, OSCAR ENRIQUE
Manager: MALKI, RAYED AHMAD

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 2577	013-572-48 23	013-572-64 45

Last 24 hr operations
L/D RSS BHA. RETRIEVE WB & JET WELL HEAD, D/R HGR, RIG UP CASING TOOLS, M/U CASING SHOE TRACK & RIH 5 1/2" COMPLETION.

Next 24 hr plan
RIH 5 1/2 " COMPLETION STRING.

Location
HZEM-752614. DRIVE FROM HOFUF +/-67 KM ON SALWA RD, TURN RIGHT 23.5 KM TO RIG SP-261.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
26,892	9 5/8	7504	7504				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
26892	22.6 (01/05/2026@1500)	100	0	168	284

Formation Tops

Formations	Top Depth	Comments
HITH	8,431	1' DEEPER
ABAR	8,919	4' SHALLOWER
ABBR	9,017	2' DEEPER
ABCR	9,111	2' DEEPER
ABDR	9,286	2' SHALLOWER
JUBL	9,528	1' SHALLOWER
JBSR	10,232	7' DEEPER
HNIF	10,373	7' DEPER
HNFA	10,396	8' DEEPER
HNFB	10,418	8' DEEPER
HNFC	10,465	9' DEEPER
HNFD	10,491	9' DEPPER
TQMA	10,501	7' DEEPER
TQMB	10,514	7' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0615	1.25	0	8 1/2	N	DRLG	HT	BHA	RIG	26892	26892			POOH & L/D SLB RSS BHA. >MONITOR WELL ACCROSS TRIP TANK.
0615 - 0645	0.5	0	EOW	C	WH	RTRV	WBSH	RIG	26892	26892			M/U WBRT & RETRIEVE WEAR BUSHING FROM WELL HEAD AS PER CAMERON.
0645 - 0730	0.75	0	EOW	C	WH	OTH	NA	RIG	26892	26892			JET THE WELLHEAD AS PER CIW.
0730 - 0800	0.5	0	EOW	C	COMP	HT	TBG	CAM	26892	26892			HPJSM, PERFORM 5-1/2" X 13 5/8" TUBING HANGER DUMMY RUN AS PER CAMERON FST.
0800 - 0830	0.5	0	EOW	C	WH	RR	TDS	RIG	26892	26892			RIG SERVICE.
0830 - 1000	1.5	0	EOW	C	COMP	OTH	TBG	RIG	26892	26892			PJSM - RIG UP ITS CRT & POWER TONG WITH JAM UNIT.
1000 - 1115	1.25	0	EOW	C	COMP	RPCS	CSTR	RIG	26892	26892			PJSM - M/U & RIH 5 1/2" CASING SHOE TRACK. >TESTED FLOATS IN V-DOOR
1115 - 2300	11.75	0	EOW	C	COMP	RPCS	CRT	ITS	26892	26892	328	9235	RIH 225 OF 654 JNTS 5.5" P110 AM-HBC CASING USING ITS CRT, POWER TONGS & JAM UNIT. >INSTALLED MARKER JT # 1, 2, 3 & 4.
2300 - 0045	1.75	0	EOW	C	COMP	DTU	GAUG	GD1	26892	26892			HPJSM, R/U SLICK LINE EQUIPMENT & DRIFT TBG WITH 4.423" GAUGE CUTTER TO 8910', POOH DRIFT TO SURFACE AND L/D. > NO OBSTRUCTION WHILE RUN IN / OUT GAUGE CUTTER. > MONITOR WELL ON TRIP TANK.
0045 - 0459	4.25	0	EOW	C	COMP	RPCS	CRT	ITS	26892	26892	9235	12190	RIH 297 OF 654 JNTS 5.5"P110 AM-HBC CASING USING ITS CRT, POWER TONGS & JAM UNIT. >INSTALLED MARKER JT # 5 & 6.

Foreman Remarks

HZEM-752602 IS THE 3ND SLOT ON PAD HZEM-7526 TO BE DRILLED BY RIG SP-261 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE TQMA FORMTION AND DRILL TO TD OF 26,856 FT. (MD) / 10,510 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,552 FT A 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 31.6 DAYS

==========

JOURNEY MANAGEMENT: CALL SP-261 RIG MANAGER OFFICE AT 013-805-0833 OR ARAMCO OFFICE AT 013-572-6445 PRIOR TO TURNING OFF MAIN BLACKTOP ROAD. PROVIDE RIG OFFICE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT RECOMMENDED.

==========

>ARAMCO URDD-1 FIELD SUPERINTENDENT THOMAS A. HARRIS #803709 LEFT LOCATION ON 01/27/2026.
>ARAMCO MATERIAL EXPEDITER MAJED ALJOHANI #8610635 LEFT LOCATION ON 01/27/2026.
>ARAMCO MATERIAL EXPEDITOR KHALIFA SALEEM, #737957 ON LOCATION SINCE 01/22/2026.

LIMITED MORNING REPORT

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HZEM-752602 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/01/2026

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==========
FOREMAN PERFORMING 2 X DAILY COMMUNICATION WITH RIG AD-74 AND HP-703.
==========
STOP CARDS: 20.
WORK PERMITS: 15.
NEAR MISSES: 2 (10910130,10910149).
DRILLS: 0.
AUDIT ITEMS CLOSURE, LAST 3 X IHA AUDITS = TOTAL ITEMS 236 (223 CLOSED & 29 OPEN) - LAST EXTERNAL AUDIT = GAP (AWAITING ACTION PLAN APPROVAL).
DISCUSSED HSE ALERT (FINGER INJURY DURING TORQUE MACHINE OPERATION) WITH CREWS.
==========
RENTAL TOOLS:
NOV 6-1/2" MECHANICAL JAR SN# HMJ650-4385077 LEFT LOCATION SINCE 1/27/2026.
CORETRAX PBL SN# DVBA1081, CC1A1028 LEFT LOCATION SINCE 1/27/2026.
==========

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	26,892	90.25	346.9	0	10,496	4807.13	-1348.95	16,380.62	0.11

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
103 PCF	2	0API	58.9	520 Volts	9.1	0	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
146	6.5HTHP	13.3	20	0	13 / 18	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	24	27.8	12 / 13	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
103 PCF	2	0API	58	530 Volts	9.8	0	31,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
143	6.6HTHP	13.8	19	0	13 / 19	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
60	0	25	28.2	11 / 12	0	0	0

MUD TREATMENT

KDP-82
6 (5GL)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/15/2026	N/A	LIGHT WIND	N/A	SEASONAL	1,806	2 X PRE-TOUR DAILY

PERSONNEL AND SERVICES INFORMATION

Company	ITS	TGC	SDM	RIG	BAR	RUE	PW	RIG	ARM	SAP	ARM	CAM	SCM	BFL	GD1
Category	CSR	CTRG	DPDS	RIG	DFMS	H2S	ISPCT	OTHR	OTHR	WTERLNE	WSC	WHES	PCS	FILT	SLS
No. of Persons	9	16	2	54	13	1	4	10	3	1	2	1	3	2	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	12	0	12	12	12	12	12	12	24	12	24	12	12	12	12

Total 124

TRUCKS/BOATS

Standby/Tankers	Others	Others
N/A	8 X FEC VAC TANKER	ARAMCO PICK UP C-255.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
500	N/A	392	156	200	4550

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

JNAB-121814 EXPLORATION DRILLING BI-1514

01/12/2026 - 02/06/2026

SP-262 @ JNAB-121814 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-262
Well: JNAB-121814
Wellbores: (0) JNAB_121814_0

Charge #: (87-25699-7955)
Wellbores: (0) JNAB_121814_0

Objective : (GAS PRODUCER)

Foreman(s): BOUTINE, DJAMEL / EMAM, AYMAN FATHI / SALIM, MOSTAFA FATHY
Engineer: OSWAL, RAHUL
Manager: MALKI, RAYED AHMAD

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 137	572-5393	572-6297

CONTRACTOR /CLERK VSA T: 572-5731

Last 24 hr operations
SPERRY SUN RSS DRILL 8-1/2" LATERAL SECTION.

Next 24 hr plan
SPERRY SUN RSS DRILL 8-1/2" LATERAL SECTION.

Location
FROM HOFUF, TAKE 60 KM TO SALWA .TAKE RIGHT 25 KM ON BLACK TOP. 17KM SKID ROAD TO JNAB-121814.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
18,020	9 5/8	7520	7520				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15485	14.8 (01/13/2026@1100)	100	2,535	197	197

Formation Tops

Formations	Top Depth	Comments
SFNY	5,371	18' DEEPER.
SHUB	6,150	17' DEEPER.
BYDH	6,508	15' DEEPER.
MDTM	7,475	12' DEEPER.
SULY	7,974	9' DEEPER.
HITH	8,544	13' DEEPER.
ABAR	9,021	10' DEEPER.
ABBR	9,114	9' DEEPER.
ABCR	9,244	9' DEEPER.
ABDR	9,376	9' DEEPER.
JUBL	9,539	10' DEEPER.
JBSR	10,411	7' DEEPER.
HNIF	10,449	9' DEEPER.
HNFA	10,489	8' DEEPER.
HNFB	10,504	8' DEEPER.
HNFC	10,547	8' DEEPER
HNFD	10,567	8' DEEPER.
TQMA	10,571	8' DEEPER.
TQMB	10,581	6' DEEPER.

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1700	12	0	8 1/2	N	DRLG	D	RSS	SPS	15485	16785			SPERRY SUN RSS DRILL 8-1/2" LATERAL SECTION W/ 94-95 PCF OBM & 100% RETURNS. >RECORDED SPR AS REQUIRED. >SPS DD SENT DOWN LINK AS REQUIRED.
1700 - 1730	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	16785	16785			RIG SERVICE TDS.
1730 - 0459	11.5	0	8 1/2	N	DRLG	D	RSS	SPS	16785	18020			SPERRY SUN RSS DRILL 8-1/2" LATERAL SECTION W/ 95-96 PCF OBM & 100% RETURNS. >POSITION TO PLAN: 5.9' ABOVE & 1.5' LEFT OF PLAN. >RECORDED SPR AS REQUIRED.

Foreman Remarks

JNAB-121814 IS THE SECOND SLOT ON PAD JNAB-1218 TO BE DRILLED BY RIG SP-262 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB). THE WELL IS PLANNED TO LAND AT +/- 17 FT. BELOW TQMA TOP AND DRILL TO TD OF 26,825 FT. (MD)/ 10,590 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,568 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 31.3 DAYS.
==========
** JOURNEY MANAGEMENT:**
CALL SP-262 RIG MANAGER OFFICE AT 013-805-2398 OR ARAMCO OFFICE AT 013-572-5393 PRIOR TO TURNING OFF MAIN BLACKTOP ROAD.
PROVIDE RIG OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT RECOMMENDED.
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM FWP-1 FRAC POND. FWP-1 FILLED FROM MULTIPLE WATER WELLS.
>DAILY WATER CONSUMPTION: 0 / 1600169 GAL.
==========
>ARAMCO MATERIAL EXPEDITOR IBRAHIM ALNOAIMY # 8520899 ON LOCATION SINCE 01/14/2026.
==========
> LAST IHA (12/22/2025) : TOTAL FINDINGS 88 , CLOSED ITEMS 28, OPEN ITEMS 60 (53 P-2, 7 P-3).
> EXTERNAL AUDITS : LPCR (12/06/2024) TOTAL FINDINGS 26, CLOSED ITEMS 26, OPEN ITEMS 0.
: DOECD (02/02/2025) TOTAL FINDINGS 39, CLOSED ITEMS 39, OPEN ITEMS 0.
==========
>DRILL: 1 PIT DRILL.
>STOP CARDS: 20.
>NEAR MISS : NONE.
>PTW: 8.
>5 X SWA.
==========
CASING POINTS :

LIMITED MORNING REPORT

JNAB-121814 EXPLORATION DRILLING BI-1514

01/12/2026 - 02/06/2026

> 24" CSG: 783'
> 18-5/8" CSG : 1,073'
> 13-3/8" CSG : 4783'
> 9-5/8" CSG : 7,520'
> 5-1/2" CSG : +/- 26,807'

==========

RENTAL TOOLS:
> >6 1/2" NOV DAJ SN# GFJ650-4701435.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	15,517	89.97	167.25	95	10,571	-1439.84	513.95	5,015.8	0.02
0	15,610	90.06	166.89	93	10,571	-1467.46	520.3	5,108.17	0.4
0	15,703	89.94	167.23	93	10,571	-1495.09	526.65	5,200.57	0.4
0	15,797	90.06	166.98	94	10,571	-1523.02	533.04	5,293.97	0.3
0	15,891	90.08	167.04	94	10,571	-1550.94	539.48	5,387.42	0.07
0	15,986	90.3	167.36	95	10,571	-1579.17	545.9	5,481.84	0.41
0	16,080	89.91	167.16	94	10,571	-1607.12	552.22	5,575.27	0.47
0	16,173	89.84	167.11	93	10,571	-1634.75	558.53	5,667.75	0.09
0	16,266	90.05	166.95	93	10,571	-1662.37	564.89	5,760.27	0.29
0	16,360	89.85	166.7	94	10,571	-1690.27	571.42	5,853.83	0.34
0	16,454	89.93	166.74	94	10,571	-1718.16	578.01	5,947.42	0.09
0	16,549	89.74	166.77	95	10,571	-1746.34	584.64	6,042.02	0.2
0	16,643	89.87	166.95	94	10,572	-1774.24	591.16	6,135.61	0.24
0	16,737	89.73	167.04	94	10,572	-1802.16	597.6	6,229.19	0.17
0	16,831	89.71	166.85	94	10,572	-1830.07	604.08	6,322.8	0.19
0	16,925	89.77	167.08	94	10,573	-1857.98	610.54	6,416.41	0.25
0	17,019	89.97	166.9	94	10,573	-1885.9	616.99	6,510.03	0.29
0	17,113	90.04	166.94	94	10,573	-1913.8	623.47	6,603.68	0.09
0	17,207	90.08	166.94	94	10,573	-1941.72	629.94	6,697.32	0.05
0	17,301	90.08	166.82	94	10,573	-1969.62	636.44	6,790.99	0.12
0	17,395	90.21	166.78	94	10,573	-1997.51	642.99	6,884.68	0.15
0	17,489	89.85	167.08	94	10,573	-2025.42	649.47	6,978.36	0.5
0	17,583	90.02	166.98	94	10,573	-2053.34	655.9	7,072.03	0.21
0	17,677	89.91	167.04	94	10,573	-2081.26	662.34	7,165.72	0.13
0	17,771	89.96	166.8	94	10,573	-2109.17	668.82	7,259.42	0.26
0	17,865	89.75	166.96	94	10,573	-2137.07	675.32	7,353.13	0.28
0	17,959	89.76	167.09	94	10,574	-2164.99	681.76	7,446.84	0.14

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	2	0API	58.8	530 Volts	14.4	0	273,008
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
145	4.8HTHP	14	18	0	11 / 14	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	0	24	27.2	11 / 12	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	2	0API	59	520 Volts	14	0	280,509
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	4.4HTHP	14.1	17	0	10 / 13	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
54	0	23	26.9	10 / 11	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
94 PCF	2	0API	59.3	515 Volts	14.7	0	262,630
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
160	5.2HTHP	14.5	39	0	13 / 16	OBM	1.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
58	0	5	26.2	11 / 12	0	0	5.2

MUD TREATMENT

INVERMUL	DURATONE	CAOH2	BARITE	EZ-MUL
4 (55GL)	24 (50LB)	24 (25KG)	7 (5000L)	3 (55GL)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
6RR	7,535	18,020	DP Av	DC Av	Bit HHP	55	140	S323	8.5	SEC
Pressure	**GPM**	**Jet Vel**	303.46	N/A	137	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,590	520	199				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
14414024R	GT65RHS1	3 x 13 / 3 x 14	0.84							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	106.8	286	300	241	27,000		106.8

LIMITED MORNING REPORT

JNAB-121814 EXPLORATION DRILLING BI-1514

01/12/2026 - 02/06/2026

Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
12	Drillpipe	RIG	5.5	1	5.5	4.67	31.2	390.76	XT54	XT54	24.7	102,045.629	CYX105	PREM	FILE
11	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	179.26	359.56	XT54	XT54	57.8	101,274.989		CONV	TALLY
10	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	33.84	180.3	XT54	XT54	2,400	90,913.761			GFJ650-4701435
9	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	89.78	146.46	XT54	XT54	57.8	9,697.761		CONV	ONFILE
8	Crossover	RIG	6.75	1	6.75	3.25	2.64	56.68	XT54	NC50	100.82	4,508.477			MJS24081550
7	Float Sub	SPS	6.75	1	5	3	1.75	54.04	NC50	NC50	94.72	4,242.312			13662988
6	Float Sub	SPS	6.75	1	5	3	2.45	52.29	NC50	NC50	97.92	4,076.552			13621360
5	Stabilizer	SPS	6.75	1	6.75	3.125	5.88	49.84	NC50	NC50	95.82	3,836.648			14348717
4	Screen sub	SPS	6.75	1	4	3	6.77	43.96	NC50	NC50	95.43	3,273.226			200717573
3	Measurement While Drilling (MWD)	SPS	6.75	1	6.75		9.93	37.19			16	2,627.165			13981491
2	RSS	SPS	6.75	1	6.75	4.612	26.64	27.26	NC50	4 1/2 REG	90.66	2,468.285			13496702
1	Bit	SEC	8.5	1	8.5	3	0.62	0.62	4 1/2" REG		85.65	53.103			14414024R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	LOW	N/A.	N/A	1,839	2X DAILY PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	OTH	SPS	RIG	BAR	MSI	RIG	ARM	ARM
Category	CTRG	DPDS	RIG	DFMS	ISPCT	OTHR	OTHR	WSC
No. of Persons	16	7	48	11	3	18	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	12	24	12	12	12	12	24

Total 106

TRUCKS/BOATS

Standby/Tankers
ARAMCO PICK UP B 841.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	363	341	99	4400

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
SEASONAL.		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

THRY-950602 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/03/2026

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SP-27 @ THRY-950602 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective :	Foreman(s)	
SP-27	(87-25743-7903)	(GAS PRODUCER)	Engineer	BROUSSARD, MICHAEL WAYNE / BENBOUZA, KHALIL
Well	Wellbores:		Manager	ALTUBAYYEB, MANSOUR TAWFIQ
THRY-950602	(0) THRY_950602_0			MALKI, RAYED AHMAD
Wellbores:				
(0) THRY_950602_0				

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 11079	0135763328	0135763323

Last 24 hr operations
RUN 5 1/2" COMPLETION STRING. PERFORM 1ST DRIFT RUN. CONT RUN 5 1/2" COMPLETION.

Next 24 hr plan
RUN 5-1/2" COMPLETION.

Location
FROM HOFUF 80KM ON SALWA RD, TURN LEFT 18 KM, RIGHT 15KM SKID, LEFT 10KM BLACKTOP, LEFT 3KM SKID

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
25,460	9 5/8	7310	7310				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
25460	22.4 (01/05/2026@1900)	100	0	134	130

Formation Tops

Formations	Top Depth	Comments
MDTM	7,254	1 FT SHALLOWER
SULY	7,758	6 FT DEEPER
HITH	8,287	8 FT DEEPER
ABAR	8,741	12 FT DEEPER
ABBR	8,848	12 FT DEEPER
ABCR	8,943	11 FT DEEPER
ABDR	9,101	11 FT DEEPER
JUBL	9,309	9 FT DEEPER
JBSR	9,946	9 FT DEEPER
HNIF	10,146	8 FT DEEPER
HNFA	10,173	7 FEET DEEPER
HNFB	10,194	6 FT DEEPER
HNFC	10,247	5 FT DEEPER
HNFD	10,272	4 FT DEEPER
TQMA	10,289	1 FT DEEPER
TQMB	10,302	AS PROG

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Lt Type	Lt ID	Summary of Operations
									Start	End	Start	End			
0500 - 1130	6.5	0	EOW	C	COMP	RPCS	UPCOM	ITS	25460	25460	1896	7045			RIH WITH 5 1/2", 26#, P-110, VAM TOP LONG COMPLETION STRING IN CASED HOLE WITHOUT FILLING. > RIH 170 JTS OUT OF 620 JTS.
1130 - 1800	6.5	0	EOW	C	SUSP	OTH	NA	ITS	25460	25460			JF	965567	SHUT DOWN OPERATIONS FOR INVESTIGATION CRT INCIDENT. > WAITING FOR ACTION PLAN IMPLEMENTATION BY SINOPEC AND ITS.
1800 - 0030	6.5	0	EOW	C	SUSP	OTH	NA	RIG	25460	25460			JF	965599	HELD SAFETY STAND-DOWN MEETING WITH ALL CREW MEMBERS > REVIEWED LESSIONS LEARNED AND PREVENTIVE MEASURES.
0030 - 0115	0.75	0	EOW	C	COMP	CIRC	MPMP	RIG	25460	25460					HPJSM WITH ALL PARTIES. DISCCUSS JSA, SAFE OPERATION, SWA, LINE OF FIRE, INSPECTION OF TOOLS AND SAFE WORK PRACTICES FOR RUNNING WITH 5-1/2" LONG STRING.
0115 - 0130	0.25	0	EOW	C	COMP	RPCS	UPCOM	ITS	25460	25460	7045	7004			L/D 2 DAMAGED JOINT 170. 171 DOWN.
0130 - 0200	0.5	0	EOW	C	COMP	RPCS	UPCOM	ITS	25460	25460	7045	7294			RIH WITH 5 1/2", 26#, P-110, VAM TOP LONG COMPLETION STRING IN CASED HOLE WITHOUT FILLING. > RIH 176 JTS OUT OF 620 JTS.
0200 - 0330	1.5	0	EOW	C	COMP	RPCS	UPCOM	ITS	25460	25460	7294	8492			RIH WITH 5 1/2", 26#, P-110, VAM TOP LONG COMPLETION STRING IN OPEN HOLE WITHOUT FILLING UP. > RIH 205 JTS OUT OF 620 JTS.
0330 - 0459	1.5	0	EOW	C	COMP	DTU	GAUG	SPL	25460	25460					HPJSM, R/U SAPESCO SLICK LINE EQUIPMENT. > PERFORMED DRIFT RUN W/4.423" GAUGE CUTTER TO 8140 FT (30 FT ABOVE KSV).

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
28 Jan 1130	6.5	6.5	965567		JF	HERR	CRT	ITS	7045	SHUT DOWN OPERATIONS FOR INVESTIGATION CRT INCIDENT.
28 Jan 1800	6.5	6.5	965599		JF	HERR	CRT	RIG	7045	SHUT DOWN OPERATIONS FOR INVESTIGATION CRT INCIDENT.

Foreman Remarks

LIMITED MORNING REPORT

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Report ID: OPERLMTDMRREP

THRY-950602 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/03/2026

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WELL OBJECTIVES:
THRY-950602 IS THE 3RD SLOT ON PAD THRY-9506 TO BE DRILLED BY RIG SP-27 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR A (TQMA) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 17 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 26,797 FT. (MD)/ 10,247 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,930 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 30.3 DAYS.

==========WELL INFO==========
- 18 5/8" CSG @ 1032 FT.
- 13 3/8" CSG @ 4,826 FT.
- 9 5/8" CSG @ 7,310 FT MD // 7,310 FT TVD.
- KOP @ 9370" MD // 9328" TVD
- LP PLANNED @ 10,880 FT MD // 10,247 FT TVD.
- FINAL TD PLANNED @ 25,460 FT MD//10,247.

========== JOURNEY MANAGEMENT ==========
CALL SP-27 RIG OFFICE AT 013-576-3328 OR ARAMCO RIG CLERK AT 013-576-3323 PRIOR TO TURNING OFF MAIN ROAD.
PROVIDE RIG OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
** NIGHT DRIVING IS NOT RECOMMENDED.

========== ARAMCO PERSONNEL ==========
> ARAMCO MATERIAL EXPEDITER ALI , ALIBRAHIM #8520900 ON LOCATION SINCE 01/18/2026.
> OE&C HSE ADVISOR URDD DIV-1 AHMED RAGAB # 8085478 ON LOCATION SINCE 01/27/2026 .

========== ==========
> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM FWP-5 FRAC POND. FWP-5 FILLED FROM MULTIPLE WATER WELLS
> BOOSTER PUMP: TWO PUMPS.

========== HSE REPORT ==========
> STOP CARDS: 20 (SAFE: 3, UNSAFE: 15, STOP WORK AUTHORITY: 2).
> PTW: 12.
> NEAR MISS: 00.
> DRILLS: 00 .
> LAST IHA (01/23/2025) :TOTAL FINDINGS 49, CLOSED ITEMS 16, OPEN ITEMS 33 (4 P1, 27 P2, 2 P3)
> EXTERNAL AUDITS : LPCR (8/4/2025) TOTAL FINDINGS 28, CLOSED ITEMS 28, OPEN ITEMS 0.
: DOECD (3/2/2025) TOTAL FINDINGS 20, CLOSED ITEMS 20, OPEN ITEMS 0.

==========RENTAL TOOLS==========
TAQA 6-1/2" DJ ON LOCATION FROM 01/14/2026
1 X CORETRAX PBL SUB ON LOCATION FROM 01/14/2026.
==========

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	25,460	90.1	347	0	10,296	4502.45	-1220.97	15,305.34	0.09

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	4	0API	60	399 Volts	12	0	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	7.6HTHP	13	14	0	12 / 19	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
65	0	27	27	9 / 10	0	12,400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	4	0API	60	402 Volts	12	0	29,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	7.6HTHP	13	15	0	12 / 18	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	28	27	9 / 10	0	12,800	0

MUD TREATMENT

BARITE
3 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
6RR	12,596	25,460	DP Av	DC Av	Bit HHP	55	130	S323	8.5	SEC
Pressure	**GPM**	**Jet Vel**	291.79	N/A	105	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,800	500	178				1	1	WT	A	X
Serial Numi	**Type**	**Jets**	**TFA**							
14337192R	GT65RHS	6 x 14 /	0.902							
Gauge	**Other**	**POOH Reas**								
0										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	104.8	281	302	247	27,000		169.3
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting

Username: YUAYANAL
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LIMITED MORNING REPORT

THRY-950602 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/03/2026

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	01/13/2026	00	CALM	N/A	SEASONAL	1,153	2 X PRE TOUR							
PERSONNEL AND SERVICES INFORMATION	Company	SPR	TGC	RIG	BAR	MH2	RIG	ARM	HCM	NRT	SPL	SAP	ARM	CAM	Total 121
	Category	CSR	CTRG	RIG	DFMS	H2S	OTHR	OTHR	PCS	RENT	SLS	WTERLNE	WSC	WHES	
	No. of Persons	5	15	58	9	1	6	4	3	2	12	3	2	1	
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	
	Operating Hours.	24	0	24	24	12	12	12	0	0	24	24	24	0	

TRUCKS/BOATS	Standby/Tankers					
	aramco truck e878					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	445	493	73	2450
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

ANDR-977 DEVELOPMENT DRILLING BI-60

12/30/2025 - 02/07/2026

أرامكو السعودية
saudi aramco

SP-276 @ ANDR-977 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-276
Well: ANDR-977
Wellbores: (0) ANDR_977_0

Charge #: (66-23056-0977)
Wellbores: (0) ANDR_977_0

Objective : (WATER WELL SUPPLY)

Foreman(s): SUBAIE, FALEH MOHAMMED / SALHI, EID LAFI / HASSAN, AKHLAQ UL / ALMAKHAYITAH, ABDULLATIF ABDULAZIZ
Engineer Manager: ALMUHAYSH, MOHAMMED ABDULMOSHEN / KHALDI, FALAH ALI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882 16777 12871	577-3562	577-3587

CONTRACTOR /CLERK VSA T: 577-3557

Last 24 hr operations
CONT. COC, CHC, P/T CSG, COC, ROTARY DRILL 8-1/2" HOLE W/ 68 PCF NACL NON-DAMAGING MUD.

Next 24 hr plan
ROTARY DRILL 8-1/2" HOLE, CHC, WIPER TRIP, CHC, DROP GYRO, POOH TO SURFACE.

Location: ANDR-977
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
3,580	13 3/8	1814	1814	9 5/8	1,599	3,140	3,140

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
3140	29.2 (12/30/2025@0100)	100	440	107	135

Formation Tops

Formations	Top Depth	Comments
RUS	639	56 FEET SHALLOWER
UMER	775	10 FEET SHALLOWER
ARUM	1,775	50 FEET SHALLOWER
AHMD	2,682	188 FEET SHALLOWER
SFNY	3,120	55 FEET SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1000	5	0	12 1/4	N	DRLG	DC	KELLY	RIG	3140	3140	3030	3130	CONT. DRILL OUT CMT & TIW LANDING COLLAR & CMT & F/COLLAR TO 10' ABOVE 9-5/8" CSG SHOE.
1000 - 1030	0.5	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	3140	3140			HPJSM, PUMP 50 BBLS HI-VIS, CHC & PRESSURE TEST 9-5/8 CSG TO 500 PSI FOR 10 MIN-OK.
1030 - 1130	1	0	12 1/4	N	DRLG	CIRC	MPMP	RIG	3140	3140			DISPLACE HOLE TO 68 PCF NACL NON-DAMAGING POLYMER MUD.
1130 - 1200	0.5	0	12 1/4	N	DRLG	DC	KELLY	RIG	3140	3140	3130	3140	COC, FLOAT SHOE TO 3140' RKB.
1200 - 0459	17	0	8 1/2	N	DRLG	D	KELLY	RIG	3140	3580			ROTARY DRILL 8-1/2" HOLE W/ 68 PCF NACL NON-DAMAGING POLYMER MUD. (100 % CIRC. RETURN). - WASH UP AND REAM DOWN TWICE EVERY CONNECTION. - SWEEP HOLE W/ 2 X 20 BBL'S HVP EVERY CONNECTION.

Foreman Remarks

ANDR_977 WILL BE USED AS DRILLING WATER SUPPLY WELL SUPPORTING DEVELOPMENT ANDR-805 REPLACEMENT
THE WELL SHOULD BE COMPLETED WITH +/-725 FT OF 7" SCREEN SPACED ACROSS THE BEST WASI AQUIFER SAND AT TOTAL DEPTH OF 3900 FT BGL.
WELL DESIGN:
- 28" HOLE & RUN 24" CSG AT 125',
- 22" HOLE & RUN 18 5/8" CSG AT 725',30 FT IN RUS, SET @676' AS PER RCC.
- 17" HOLE & RUN 13 3/8" CSG AT 1855' 30 FT IN ARUMA ,SET @ 1814' AS PER RCC.
- 9 5/8" LNR (12.25" HOLE SECTION) @ 3195' +/- 20 FT INTO SFNY, SET @ 3140' AS PER RCC.
- 7" LNR SCREEN TD 3925'
* ELEVATION FROM RIG FLOOR TO GROUND LEVEL: 25 FT
==========
* RIG LOCATION: +/- 98 KM F/DMG TO ABQAIQ SECOND BRIDGE TURN RIGHT TO AIN DAAR 61 KM,1.5 KM BEFORE ANDR GOSP-3.
==========
** NEAREST HOSPITAL FOR EMERGENCY CONTACT:
ABQAIQ GENERAL HOSPITAL (60 KM), CONTACT NO.: 0135662222
==========
- NEXT LOCATION:
* WELL NAME: ANDR-979
* REQUEST DATE: 1/15/2026
* LOCATION READINESS: NOT READY
==========
SAFETY TOPIC.
-DISCUSSED & SHARED
-WATCH OUT HAND PLACEMENT DURING HANDLING OR WORKING TO MAKE UP DP CONNECTION WITH POWER TONG AND HANDLING SLIPS SHOULD BE THREE PERSONS TEAM.
-SHOULD BE KEPT PORTABLE GAS DETECTOR WHEN MONITORING SHALE SHAKER.
-DURING MIXING ON MUD SYSTEM, MAKE SURE WEAR PROPER PPE AND BE AWARE OF CHEMICAL CONTACTS.
-MAINTAINE GOOD HOUSEKEEPING AT ALL WORK PLACE TOOLS SHOULD BE KEPT INSIDE THE TOOLBOX
-REFRESH AWARENESS AND PRACTISING OF DONNING SCBA BY VIDEO AND PRACTICAL.
=======
SAFETY DRILLS:
-NONE
==========
ARAMCO
- SHOAIB WAQAS RIG CLERK (8616510) ON LOCATION SINCE 11/25/2025.
- ARAMCO SAFETY ADVISOR JEREMY MAULEON ON LOCATION ON 1/21/2026 @13:00, LEFT LOCATION ON 01/27/2026

LIMITED MORNING REPORT

ANDR-977 DEVELOPMENT DRILLING BI-60

12/30/2025 - 02/07/2026

- QUSAI FATHI FCT (818328) ON LOCATION ON 01/23/2026.
==========
RENTAL TOOLS:
*-OIL SERVE 8-1/2" HM-JAR SN#HMJ-850-0012 RECEIVED ON 01-10-2026@15:30HRS
- 1ST RUN: P/U ON 01/19/2026 @ 19:15 HRS, L/D ON 01/24/2026@18:00HRS
-OIL SERVE 6-3/4" HM-JAR SN#HMJ-675-240 RECEIVED ON 01-25-2026@10:00HRS
-1ST P/U ON 01-26-2026@13:00HRS
==========
SERVICE COMPANY:
- SINOPEC H2S TECHNICIAN ON LOCATION ON 11/11/2025 @ 10:00 HRS
- OES MUD ENGINEER ON LOCATION 23-DEC-2025
- MUD LOGGER EX-LOG ARRIVED ON LOCATION ON 12-16-2025 @ 11:30AM
==========
WASTE MANAGEMENT KPI:
-DEPTH 3270 FT
-DRILLING WASTE CUTTINGS: DAILY= 1.5 M3/ TOTAL= 72.6 M3.
-DRILLING WASTE FLUIDS: DAILY= 100 M3 / TOTAL= 845 M3.
-REUSED WATER: DAILY= 40.8 M3/ TOTAL = 389.3 M3
======
WATER SOURCE: SINOPEC RAW WATER TANKERS
-MAIN WATER SOURCE ANDR-839 (STRAIGHT DISTANCE 23.8KM ACTUAL DISTANCE 31 KM)
-BACKUP WATER SOURCE ANDR-834 (STRAIGHT DISTANCE 26KM ACTUAL DISTANCE 31 KM)
-DAILY: NUMBER OF TRIPS: 4 TRIPS, TOTAL = 734 TRIPS
-DAILY: KM= 190.4 KM, TOTAL = 34938.4 KM
-DAILY VOLUME= 33600 TOTAL = 6165600 GALLONS
======
=======
-ARAMCO 4 VACUUM TANKERS WITH DRSS#3000379754 ARRIVED ON LOCATION ON 01/24/2026
-1145-LDA, DAILY TRIP: 01, TOTAL TRIPS: 02
-6874-UJA, DAILY TRIP: 01, TOTAL TRIPS: 02
-3967-LJA, DAILY TRIP: 01, TOTAL TRIPS: 02
-5336-NBA, DAILY TRIP: 01, TOTAL TRIPS: 02
CUMULATIVE TRIPS: 08

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	4.8API	0	0 Volts	3.3	10	1,300
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	96	26	0	7 / 11	PHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
47	1	11	4	7 / 11	10	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
68 PCF	0	4.8API	0	0 Volts	3.3	10	1,300
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	96	27	0	7 / 11	PHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
47	1	10	4	7 / 11	10	0	0

MUD TREATMENT

DUOVIS-NS	CAUST	FLO-TROL	MRBL-M
3 (25KG)	2 (55GL)	10 (25KG)	1 (2200L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average ROP	WOB	RPM	IADC	Size	Manufactur
7RR	3,140	3,580	DP Av	DC Av	Bit HHP	5	85	M423	8.5	SMT
Pressure	**GPM**	**Jet Vel**	311.24	490.2	0	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
730	600	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
SM3299	MDSI616V1C	POOH Reas	N/A							
Gauge	**Other**									
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	14	114	116	115	1,000		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
9	Drillpipe	RIG	5	16	5	4.276	500	1,116.48	NC50	NC50	19.5	85,053.549	G105	PREM	
8	Heavy Weight Drillpipe (HWDP)	RIG	5	6	5	3	181.42	616.48	NC50	NC50	50.14	75,303.549		CONV	
7	Drillcollar	RIG	6.5	2	6.5	2.813	60.87	435.06	NC50	NC50	149	66,207.15		SPRL	
6	Hydraulic Jar	OJR	6.5	1	6.5	2	29.16	374.19	4 1/2" IF	4 1/2" IF	149	57,137.52			HMJ-675-240
5	Drillcollar	RIG	6.5	10	6.5	2.813	304.56	345.03	NC50	NC50	149	52,792.68		SPRL	27603
4	String Reamer	RIG	8.5	1	8.5	2.75	4.85	40.47	NC50	NC50	300	7,413.24			2017006

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LIMITED MORNING REPORT

ANDR-977 DEVELOPMENT DRILLING BI-60

12/30/2025 - 02/07/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
3	Drillcollar	RIG	6.5	1	6.5	2.813	29.76	35.62	NC50	NC50	149	5,958.24		SPRL	276-40
2	Near Bit Stab.	RIG	8.5	1	6.75	2.75	5.08	5.86	NC50	4 1/2 REG	300	1,524			20301
1	Bit	SMT	8.5	1	8.5		0.78	0.78				0			SM3299

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/19/2026	N/A	NORMAL	N/A	NORMAL	3,683	PRE-TOUR

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	OES	XLG	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	MLS	OTHR	OTHR	WSC
No. of Persons	14	48	1	2	11	2	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	12	12	12	12	12	12

Total
82

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
E977	AMBULANCE CAR	sinopec bus	1 SINOPEC PICK-UP CAR	15 RAW WATER TRUCKS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	99	35	14	1500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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HZEM-612414 EXPLORATION DRILLING BI-1514

01/28/2026 - 03/03/2026

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SP-29 @ HZEM-612414 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-29
Well: HZEM-612414
Wellbores: (0) HZEM_612414_0

Charge #: (87-25541-7998)
Wellbores: (0) HZEM_612414_0

Objective : (HORIZONTAL DEVELOPMENT WELL.)

Foreman(s) LEMNARU, FLORIN / MORRIS, SHANE ALLAN
Engineer ALMOOSA, ABDULLAH FAHAD
Manager MALKI, RAYED AHMAD

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
00882167 7714168	0135763306	0135763309

Last 24 hr operations
WELLHEAD WORK, RELEASED RIG, RIG DOWN, PREPARED TO & SKID RIG F/HZEM-612404 TO HZEM-612414 WELL.

Next 24 hr plan
GENERAL R/U ON HZEM-612414 WELL.

Location
DRIVE FROM HOFUF 104 KM ON SALWA RD, TURN RIGHT FOR 15 KM SKID ROAD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	174	174

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
1400 - 0459	15	0	PRE	N	RM	RD	NA	RIG	0	0			HELD PRE-JOB SAFETY MEETING WITH ALL PARTIES INVLOVED IN RIG MOVE & SKIDDING OPERATIONS. * R/D AND MOVED CAT WALK. * SPOTTED SKIDDING RAILS AND SKID RIG FROM HZEM-612404 TO HZEM-612414. * DISCONNECT, MOVED & SPOTTED KOOMEY UNIT AND CHOKE MANIFOLD, MUD GAS SEPERATOR.-ON GOING. * TRANSFERED OBM & CLEAN MUD TANKS. ON GOING. * MOVE FLARE LINES... ON GOING. * GENERAL HOUSEKEEPING & CLEANING, ONGOING. - RIG MOVE PERSONNEL & EQUIPMENT: > 1 RIGGER. > 1 TRUCK PUSHER. > 3 CRANES. > 2 FORKLIFTS. > 2 LOW BED TRUCKS. NOTE: ALL PERSONNEL CERTIFICATES HAVE BEEN VERIFIED THROUGH ITD, SPSP CERTIFICATE VERIFICATION AND TRACKING SYSTEM.

Foreman Remarks

HZEM-612414 IS THE 2ND SLOT ON PAD HZEM-6124 TO BE DRILLED BY RIG SP-29 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 12 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 26,610 FT. (MD) / 10,366 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 15,553 FT. AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 30.3 DAYS.
==========
JOURNEY MANAGEMENT: CALL SP-29 RIG MEDIC AT 013-516-0160 OR ARAMCO OFFICE AT 013-576-3306 PRIOR TO TURNING OFF MAIN BLACKTOP ROAD.
PROVIDE RIG OFFICE. NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
NIGHT DRIVING IS NOT RECOMMENDED.
==========
FOREMAN PERFORM COMMUNICATION TWICE PER DAY WITH RIG SP-99
==========
WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-853.
==========
ARAMCO MATERIAL EXPEDITER SAYEF M AL MOTAIRI #7205075 ON LOCATION FROM 01/16/2026.
ARAMCO MATERIAL EXPEDITOR ABDULRAOUF ALABDULLATIF #8609918 ON LOCATION FROM 01/21/2026.
OE&C HSE ADVISOR URDD DIV-1 AHMED RAGAB # 8085478 LEFT LOCATION ON 01/27/2026
==========
7 GHEENA VACUUM TANKERS ON LOCATION SINCE 01/01/2026
==========
SWA: 3.
STOP CARDS: 15.
DRILLS: 0
PTW: 11.
HSE ORIENTATION: 12
NEAR MISS: 0
LTI FREE DAYS: 1171.
==========IHA & EXTERNAL AUDIT DETAILS ==========
LAST 3 IHAS:
(22-OCT-2025) LPCR (31-JULY-2025) DOECD RHSEI:(12-JAN-2025)
TOTAL FINDINGS=110, TOTAL FINDINGS= 26 TOTAL FINDINGS= 61
CLOSED ITEMS=89, CLOSED ITEMS=26 CLOSED ITEMS=61
OPEN=21 (P2=15, P3=6). OPEN ITEMS=0 OPEN ITEMS=0
==========WELL INFO ==========

LIMITED MORNING REPORT

HZEM-612414 EXPLORATION DRILLING BI-1514

01/28/2026 - 03/03/2026

CASING POINT
24" CASING: 614'.
18 5/8" CASING: 964'.
13 3/8" CASING: 4,759'.
9 5/8" CASING: 7,321'.
FINAL TD +/- 26,610' MD.
==========RENTAL TOOLS==========
N/A
==========

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	LIGHT	N/A	SEASONAL	1,171	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	SNS	MSI	RIG	ARM	HCM	SAP	ARM	CAM
Category	CTRG	RIG	DFMS	H2S	ISPCT	OTHR	OTHR	PCS	WTERLNE	WSC	WHES
No. of Persons	17	70	7	1	4	4	4	3	2	2	6
Personnel on Loc. Hrs.	15	15	15	15	15	15	15	15	15	15	15
Operating Hours.	0	15	15	3	3	15	3	0	15	15	4

Total 120

TRUCKS/BOATS

Standby/Tankers
B886

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	377	184	75	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HZEM-612404 EXPLORATION DRILLING BI-1514

12/23/2025 - 01/28/2026

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SP-29 @ HZEM-612404 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SP-29 Well HZEM-612404 Wellbores: (0) HZEM_612404_0	Charge #: (87-25541-7913) Wellbores: (0) HZEM_612404_0	Objective : (HORIZONTAL DEVELOPMENT WELL.)	Foreman(s) LEMNARU, FLORIN / MORRIS, SHANE ALLAN Engineer ALMOOSA, ABDULLAH FAHAD Manager MALKI, RAYED AHMAD THURAYA 00882167 7714168 / RIG FORMAN VSAT 0135763306 / CONTRACTOR /CLERK VSAT 0135763309

Last 24 hr operations	Next 24 hr plan
WELLHEAD WORK, RELEASE RIG, RIG DOWN, PREPARE TO & SKID RIG F/HZEM-612404 TO HZEM-612414 WELL.	GENERAL R/U ON HZEM-612414 WELL.

Location	Next Location
DRIVE FROM HOFUF 104 KM ON SALWA RD, TURN RIGHT FOR 15 KM SKID ROAD.	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
27,436	5 1/2	27346	10188				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
27436	27.1 (12/31/2025@1200)	100	0	174	174

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	EOW	C	BOP	ND	BOP	RIG	27436	27436			HPJSM. NIPPLED DOWN 13-5/8" 10M BOPE. * RIGGER 1 IS ON LOCATION DURING BOP HANDLING.
0700 - 0945	2.75	0	EOW	C	WH	NU	WH	CAM	27436	27436			INSTALLED CIW TUBING SPOOL 13-5/8" 10K X 7-1/16 15K + DSA 7-1/6 15K X 7-16 10K+GATE VALVE 7-1/16 10K. * (ASSEMBLY PRE-TESTED AT CAMERON YARD) * PRESSURE TEST CONNECTION FLANGE AT 10,000 PSI FOR 15 MIN (OK). * PRESSURE TEST T-SEAL AT 10,000 PSI FOR 15 MIN (OK).
0945 - 1015	0.5	0	EOW	C	WH	SET	BPV	RIG	27436	27436			RETRIEVED BPV.
1015 - 1400	3.75	0	EOW	C	WH	SET	BPV	CAM	27436	27436			SET UP THE JACKING PLATE. LAND ISOLATION SLEEVE (WITH 3 BPV-5 NOM, 4-7/8 NOM AND 4-3/8 NOM ARE PRE-INSTALLED IN CIW YARD) USING PISTON CYLINDER . * RUN IN LOCK DOWN SCREWS AND LOCK THE ISOLATION SLEEVE IN PLACE. * PRESSURE TEST BETWEEN THE LOWER S SEALS OF ISOLATION SLEEVE AT 15,000 PSI FOR 15 MIN (OK). * PRESSURE TEST BETWEEN THE UPPER S SEALS OF ISOLATION SLEEVE AT 15,000 PSI FOR 15 MIN (OK). * DISMANTLE THE JACKING PLATE, CAP AND RRH-307 PISTON CYLINDER. * INSTALL BLIND FLANGE ON TOP OF GATE VALVE. * CLOSED THE GATE VALVE AND PRESSURE TEST BLIND FLANGE CONNECTION TO 10,000 PSI FOR 15 MINS (OK). * INSTALLED NEEDLE VALVE AND WELL IDENTIFICATION PLATE.
1400 - 1400	0	0	EOW	S	OT	RELS	NA	RIG	27436	27436			RELEASED RIG TO HZEM-612414 @ 14:00 HRS 01/27/2026. *TBG PRESSURE=0 PSI *TCA 9 X5 PRESSURE=0 PSI *TCA 13 X 9 PRESSURE=0 PSI *TCA 18 X13 PRESSURE=0 PSI *BPV INSTALLED & LEFT ABOVE HANGER. *FLUID INSIDE TUBING=85 PCF FILTERED BRINE.

Foreman Remarks

HZEM-612404 IS THE 1ST SLOT ON PAD HZEM-6124 TO BE DRILLED BY RIG SP-29 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 12 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 27,593 FT. (MD) / 10,366 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 16,625 FT. AT 374 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 32.8 DAYS.

==========

JOURNEY MANAGEMENT: CALL SP-29 RIG MEDIC AT 013-516-0160 OR ARAMCO OFFICE AT 013-576-3306 PRIOR TO TURNING OFF MAIN BLACKTOP ROAD. PROVIDE RIG OFFICE. NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING IS NOT RECOMMENDED.

==========

FOREMAN PERFORM COMMUNICATION TWICE PER DAY WITH RIG SP-99

==========

WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM HZEM-853.

==========

ARAMCO MATERIAL EXPEDITER SAYEF M AL MOTAIRI #7205075 ON LOCATION FROM 01/16/2026.
ARAMCO MATERIAL EXPEDITOR ABDULRAOUF ALABDULLATIF #8609918 ON LOCATION FROM 01/21/2026.
OE&C HSE ADVISOR URDD DIV-1 AHMED RAGAB # 8085478 LEFT LOCATION ON 01/27/2026

==========

7 GHEENA VACUUM TANKERS ON LOCATION SINCE 01/01/2026

==========

SWA: 3.
STOP CARDS: 15.
DRILLS: 0

LIMITED MORNING REPORT

HZEM-612404 EXPLORATION DRILLING BI-1514

12/23/2025 - 01/28/2026

PTW: 11.
HSE ORIENTATION: 12
NEAR MISS: 0
LTI FREE DAYS: 1171.
==========IHA & EXTERNAL AUDIT DETAILS ==========
LAST 3 IHAS:
(22-OCT-2025) LPCR (31-JULY-2025) DOECD RHSEI:(12-JAN-2025)
TOTAL FINDINGS=110, TOTAL FINDINGS= 26 TOTAL FINDINGS= 61
CLOSED ITEMS=89, CLOSED ITEMS=26 CLOSED ITEMS=61
OPEN=21 (P2=15, P3=6). OPEN ITEMS=0 OPEN ITEMS=0
==========WELL INFO ==========
CASING POINT
24" CASING: 614'.
18 5/8" CASING: 895'.
13 3/8" CASING: 4,620'.
9 5/8" CASING: 7,163'.
5 1/2" CASING +/- 27,435' MD.
FINAL TD +/- 27,435' MD.
==========RENTAL TOOLS==========
N/A
==========.==========

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	27,436	90.2	347.1	0	10,188	5200.04	-1067.02	17,415.96	0.1

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/09/2026	N/A	MODERATE WINDS	N/A	SEASONAL	1,171	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	MSI	BAR	SNS	RIG	ARM	HCM	SAP	ARM	CAM
Category	CTRG	RIG	ISPCT	DFMS	H2S	OTHR	OTHR	PCS	WTERLNE	WSC	WHES
No. of Persons	17	70	4	7	1	4	4	3	2	2	6
Personnel on Loc. Hrs.	9	9	9	9	9	9	9	9	9	9	9
Operating Hours.	0	9	5	9	9	9	9	0	9	9	9

Total 120

TRUCKS/BOATS

Standby/Tankers
B886

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	377	184	75	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

HZEM-612014 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/04/2026

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SP-30 @ HZEM-612014 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-30
Well: HZEM-612014
Wellbores: (0) HZEM_612014_0

Charge #: (87-25541-7991)
Wellbores: (0) HZEM_612014_0

Objective : (DRILLING WELL AS GAS-UNCONVENTIONAL / DEVELOPMENT)

Foreman(s): BRELLAH, HAMZA / KHALIULLIN, AZAT / TAIBI, ELHADJ AHMED
Engineer Manager: ALQARAFI, ABDULAZIZ SALEH / YAMI, FAHAD MANE

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
882-16-777 -13738	013-576-31 44	013-576-31 43

Last 24 hr operations
RUN AND DRIFT 5-1/2" LONG STRG COMPLETION.

Next 24 hr plan
RUN AND DRIFT 5-1/2" LONG STRG COMPLETION, LAND HGR, FINAL CASING DRIFT, BREAK NOV URFC, CHC, CEMENT JOB.

Location
F/DMG 66KM T/HOFUF & F/ HOFUF 68KM ON SALWA RD, TURN RIGHT FOR 33KM ON B/T, TURN LEFT FOR 32KM SKID

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
26,434	9 5/8	7224	7224				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
26434	22.2 (01/06/2026@0100)	100	0	174	240

Formation Tops

Formations	Top Depth	Comments
DMMM	604	09 FT SHALLOWER
RUS	847	
UMER	1,127	1 FT DEEPER
ARUM	2,382	02 FT SHALLOWER
LAMS	3,060	05 FT SHALLOWER
AHMD	4,585	148 FT DEEPER
SFNY	5,131	3 FT DEEPER
SHUB	5,827	5 FT DEEPER
BYDH	6,172	71 FT SHALLOWER
MDTM	7,152	13 FT DEEPER
SULY	7,642	6 FT DEEPER
HITH	8,186	15 FT DEEPER
ABAR	8,663	2 FT SHALLOWER
ABBR	8,767	8 FT SHALLOWER
ABCR	8,886	
ABDR	9,022	2 FT SHALLOWER
JUBL	9,175	16 FT SHALLOWER
JBSR	10,070	1 FT DEEPER
HNIF	10,305	03 FT SHALLOWER
HNFA	10,348	03 FT SHALLOWER
HNFB	10,401	2 FT SHALLOWER
HNFC	10,534	4 FT SHALLOWER
HNFD	10,619	5 FT SHALLOWER
TQMA	10,685	6 FT SHALLOWER
TQMB	10,811	7 FT SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0945	4.75	0	EOW	C	COMP	RPCS	UPCOM	SPR	26434	26434	3490	7192	RIH 5 1/2" 26#, P-110, AM-HBC-H R-3 LONG COMPLETION STRING USING POWER TONG & JAM UNIT. > RUNNING CASING EMPTY (NO FILL UP). > INSTALLED MARKER JOINTS NO #3. > 175 OUT OF 645 JNTS.
0945 - 1145	2	0	EOW	C	COMP	DTU	GAUG	HSL	26434	26434			SLICKLINE RUN #1 - RIH 4.423" GAUGE CUTTER TO 6,891'. > HPJSM PRIOR TO THE JOB. > RIH GC TO 20 FT ABOVE UPPER FRAC VALVE.
1145 - 1530	3.75	0	EOW	C	COMP	RPCS	UPCOM	SPR	26434	26434	7192	9705	RIH 5 1/2" 26#, P-110, AM-HBC-H R-3 LONG COMPLETION STRING USING POWER TONG & JAM UNIT THRU OPEN HOLE. > RUNNING CASING EMPTY (NO FILL UP). > INSTALLED MARKER JOINTS NO. #4, #5. > 237 OUT OF 645 JNTS.
1530 - 1600	0.5	0	EOW	C	COMP	SDR1	NA	RIG	26434	26434			PERFORMED HOSTILE ATTACK DRILL.
1600 - 2230	6.5	0	EOW	C	COMP	RPCS	UPCOM	SPR	26434	26434	9705	15479	RIH 5 1/2" 26#, P-110, AM-HBC-H R-3 LONG COMPLETION STRING USING POWER TONG & JAM UNIT THRU OPEN HOLE. > RUNNING CASING EMPTY (NO FILL UP). > INSTALLED MARKER JOINTS NO. #6, #7. > 377 OUT OF 645 JNTS.
2230 - 0030	2	0	EOW	C	COMP	DTU	GAUG	HSL	26434	26434			SLICKLINE RUN #2 - RIH 4.423" GAUGE CUTTER TO 8,337'. > HPJSM PRIOR TO THE JOB. > OVERLAPPED 1-ST RUN BY 50 FT
0030 - 0100	0.5	0	EOW	C	COMP	RPCS	UPCOM	SPR	26434	26434	15479	15496	P/U & M/U NOV URFC ASSEMBLY AND TEST IT.
0100 - 0315	2.25	0	EOW	C	COMP	RPCS	UPCOM	SPR	26434	26434	15496	17106	RIH 5 1/2" 26#, P-110, AM-HBC-H R-3 LONG COMPLETION STRING USING POWER TONG & JAM UNIT. > FILL UP EVERY 10 JOINTS. > INSTALLED X-OVER P-110 AM-HBC PIN X W563 BOX.

LIMITED MORNING REPORT

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HZEM-612014 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/04/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													> VISUAL INSPECTED AND CLEANED CRT AND PERFORMED DROP OBJECT HAZARD SURVEY. > 416 OUT OF 645 JNTS.
0315 - 0459	1.75	0	EOW	C	COMP	RPCS	UPCOM	SPR	26434	26434	17106	17825	RIH 5 1/2" 26#, P-110, W563 LONG COMPLETION STRING USING POWER TONG & JAM UNIT. > FILL UP EVERY 10 JOINTS. > 434 OUT OF 645 JNTS.

Foreman Remarks

HZEM-612014 IS THE 2ND WELL ON PAD HZEM-6120 TO BE DRILLED BY RIG SP-30 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 12FT. BELOW TQMA FORMTION TOP AND DRILL TO TD OF 26,391 FT. (MD)/ 10,184 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 15,532 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 31.3 DAYS.
==========
WELL INFO:
- 24" CSG @ 578' MD/TVD
- 18-5/8" CSG @ 912' MD/TVD (65 FT INTO RUS FM)
- 13-3/8" CSG @ 4,638' MD/TVD (53 FT INTO AHMADI FM)
- 9-5/8" CSG @ 7,224' MD/TVD (72 FT INTO MID-THAMAMA FM)
- KOP @ MD 9,243' / TVD 9,198'
- LANDING POINT @ MD 10,875 FT / TVD 10,195.2 FT.
- TOTAL HOLE DEPTH @ 26,434' MD/10,142.5' TVD (15,559 FT LATERAL SECTION)
==========
ARAMCO PERSONNEL:

> CLERK SUBASH TAMANG ID #8019039 ON LOCATION SINCE 7/4/2024.
==========RENTAL TOOLS==========
> CORETRAX 7" PBL SUB SR# DVBA0160, CC1A1096 BACK LOADED ON 01/27/2026
==========
SAFETY REMARKS:
SWA: 17. STOP CARDS: 30. DRILLS: 1. PTW: 22. NEAR MISS: 00.

> LAST 3 IHAS (DATE OF LAST AUDIT) 17-DEC-2025:
-TOTAL FINDINGS :78 ON 17-DEC-2025,10 OPEN.
-TOTAL FINDINGS :99 ON 30-JULY-2025,ALL CLOSED
-TOTAL FINDINGS :211 ON 17-OCT-2024,ALL CLOSED.
-TOTAL FINDINGS :42 ON 19-AUG-2024,ALL CLOSED.
>EXTERNAL AUDIT (DATE OF LAST AUDIT):
-LPCR ON 02-SEP-2025 TOTAL FINDINGS:26,ALL CLOSED
-DOECD (RHSEI)-12-JANUARY-2025 TOTAL FINDINGS:58 ALL CLOSED.
========== JOURNEY MANAGEMENT ==========
CALL SP-30 RIG OFFICE AT 013-576-3144 OR ARAMCO RIG CLERK AT 013-576-3143 PRIOR TO TURNING OFF MAIN ROAD. PROVIDE RIG OFFICE- NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
** NIGHT DRIVING IS NOT RECOMMENDED**
==========
DIRECTIONS:
1. DRIVE 66 KM F/ DMG TO HOFUF DIRECTION.
2. FROM HOFUF DRIVE 68 KM ON SALWA RD, TURN RIGHT FOR 33 KM ON BLACK TOP.
3. TURN LEFT FOR 32 KM SKID ROAD FOLLOWING SP-30 RIG SIGNS TO THE RIG.
==========
1. WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WELL HZEM-871.
==========
PERFORM DAILY COMMUNICATION WITH RIG SP-258 & SP-99 AS PER ERP REQUIREMENTS.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	26,434	89.8	167.2	0	10,143	-4819.27	1297.23	16,374.03	0.26

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	3	0API	56.9	439 Volts	11.5	0	23,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	5.7HTHP	13.1	15	0	9 / 12	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	29	30	7 / 8	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	3	0API	57	441 Volts	11.5	0	23,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	5.6HTHP	13	15	0	9 / 11	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
61	0	30	30	8 / 9	0	0	0

MUD TREATMENT

BARITE
23 (5000L)

BIT DATA

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HZEM-612014 EXPLORATION DRILLING BI-1514

01/04/2026 - 02/04/2026

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DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/14/2026	N/A	NORMAL	N/A	SEASONAL	898	2X PRE TOUR SAFETY MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	SPR	TGC	NC1	RIG	BAR	RUE	RIG	ARM	HCM	HSL	SAP	ARM	CAM
Category	CSR	CTRG	PSSC	RIG	DFMS	H2S	OTHR	OTHR	PCS	SLS	WTERLNE	WSC	WHES
No. of Persons	6	18	1	63	12	1	8	3	5	3	2	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	24	0	24	24	24	12	12	12	0	24	24	24	0

Total
127

TRUCKS/BOATS

Standby/Tankers
c026

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	483	2455	109	5800

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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SDGM-1805 DEVELOPMENT DRILLING BI-60

01/23/2026 - 03/07/2026

SP-306 @ SDGM-1805 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #	Objective	Foreman(s) / Engineer / Manager
SP-306	(66-25054-1805)	(OIL-WATER INJECTOR , SINGLE LATERAL, TUBINGLESS, HORIZONTAL ARBD WATER DISPOSAL WITH OH COMPLETION)	MHALLA, FARID / ALI, AMR ABDELAZEEM ALSHAIKH, AHMED SHOWQI ALSHAMMARI, ABDULLAH SHUWAYHIT

Well: SDGM-1805
Wellbores: (0) SDGM_1805_0
Wellbores: (0) SDGM_1805_0

RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
378-6380	576-3122

Last 24 hr operations
CONT. CMT JOB, WOC, CUT CSG, N/U BELL NIPPLE & CONNECT FLOWLINE, P/U & RIH 17" ROTARY BHA, D/O CMT, DISPLACE TO FRESH MUD, HYDROTEST CSG, D/O CMT & SHOE.

Next 24 hr plan
CONT. D/O 18-5/8" SHOE, ROTARY DRILL 17" V. HOLE TO SECTION TD @ 3263' (50' INTO AHMD).

Location
THE WELL IS LOCATED 0.699 KM N86E OF SDGM-44 AND 0.812 KM S43W OF SDGM-138.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
980	18 5/8	977	977				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
980	5.8 (01/22/2026@0900)	100	0	98	92

Formation Tops

Formations	Top Depth	Comments
RUS	930	54' DEEPER THAN PROGRAM

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	22	N	CSG	CMC	CSG	SCM	980	980			CONT. 18-5/8" CASING CMT JOB AS FOLLOWS: - SLB PUMPED 80 BBLS OF FRESH WATER AS SPACER. - DROP BOTTOM PLUG. - SLB FLY MIX & PUMP 256 BBLS OF 118 PCF CMT SLURRY. - DROP TOP PLUG. - SLB DISPLACE WITH 5 BBL OF 118 PCF CMT SLURRY + 15 BBL FRESH WATER. - RIG CONT. DISPLACEMENT WITH 257 BBLS OF 65 PCF SPUD MUD. - BUMP DOWN PLUG WITH 800 PSI. - BLEED OFF PRESSURE, NO BACK FLOW. - CIP @ 06:30 HRS.
0630 - 1330	7	0	22	N	CSG	WOC	CSG	SCM	980	980			WOC MEANWHILE PERFORM TOP JOB BY PUMPING 25 BBL OF 118 PCF CMT SLURRY INTO ANNUUS TILL HAVE RETURN. - ADDED GRAVEL & CACL2 WHILE PUMPING TOP JOB. - CHECK CMT SURFACE SAMPLE, FOUND SAME HARD @ 13:30 HRS, CHECKED CMT IN ANNULUS, FOUND SAME OK.
1330 - 1500	1.5	0	22	N	CSG	OTH	CSG	ARM	980	980			HPJSM, CUT 18-5/8" CSG & L/D CUT OFF JOINT. - SEALED 24"/18-5/8" CCA BY WELDING HALF-MOON STEEL PLATES. - WELD 2" SIDE OUTLET VALVE ON 18-5/8" CSG.
1500 - 1630	1.5	0	22	N	CSG	OTH	CSG	ARM	980	980			WELD 18-5/8" BELL NIPPLE & CONNECT FLOWLINE.
1630 - 1700	0.5	0	22	N	DRLG	RR	DWKS	RIG	980	980			TEST & CALIBRATE ANTI-COLLISION SYSTEM.
1700 - 2100	4	0	22	N	DRLG	HT	BHA	RIG	980	980			HPJSM, P/U & M/U 17" ROTARY BHA & RIH TO 771' AS FOLLOWS: - 17" NEW BESTE BIT (TYPE: TS716, S/N# 271837) + 17" NBRR (W/TOTCO RING & FLOAT VALVE)+ 9 1/2" PONY DC + 17" STRR + 1 X 9-1/2" DC + 17" STRR + 4 X 9 1/2" DC + XO + 7 X 8 1/2" DC + 9" NOV HMJ + 2 X 8 1/2" DC + XO + 9 JTS 5" HWDP.
2100 - 2115	0.25	0	22	N	DRLG	RW	BIT	RIG	980	980	771	900	WASH DOWN, TAG TOC @ 900 FT.
2115 - 0100	3.75	0	22	N	DRLG	DFS	TDS	RIG	980	980	900	964	DRILL OUT HARD CMT, TOP & BTM PLUGS & FC @ 934', HARD CMT TO 964' (10' ABOVE F. SHOE).
0100 - 0400	3	0	22	N	DRLG	CIRC	MPMP	RIG	980	980			SWEEP HOLE, CHC, DISPLACE TO FRESH 65 PCF MUD, HYDROTEST 18-5/8" CSG, OK. - CLEAN DITCH LINE.
0400 - 0459	1	0	22	N	DRLG	DFS	TDS	RIG	980	980	964	974	DRILL OUT HARD CMT & F. SHOE .... ONGOING @ RPT.

Foreman Remarks

==========WELL OBJECTIVE ==========
WELL SDGM-1805, WHICH WILL BE DRILLED AS SINGLE LATERAL TUBINGLESS HORIZONTAL OIL-WATER INJECTOR WATER DISPOSAL ACROSS ARBD THE WELL WILL BE OPEN HOLE COMPLETED.
==========ERP ==========
* SDGM-1805 IS LOCATED IN A NON-POPULATED AREA.

* H2S CONC. = 2.08%.
* RER: 1/2 LFL = 76 M, 100 PPM = 281 M, 30 PPM = 526 M.
* STAGING AREA 1 COORDINATES: N 25.644772 E 49.497347.
* STAGING AREA 2 COORDINATES: N 25.644767 E 49.502706.
* RELIEF WELLS: SDGM-161 : 0.98 KM (N) & SDGM-593 : 1.77 KM (NW).
* RIG HAS RADIO COVERAGE.
========== WELL DATA ==========

LIMITED MORNING REPORT

SDGM-1805 DEVELOPMENT DRILLING BI-60

01/23/2026 - 03/07/2026

- 24" CSG PLAN / ACTUAL : 120' / 120' .
- 18-5/8" CSG PLAN / ACTUAL : 926' / 977' (50' TVD INTO RUS) .
- 13-3/8" CSG PLAN / ACTUAL : 3263' / XXX' (50' INTO AHMADI) .
- 9-5/8" CSG PLAN / ACTUAL : 5092' / XXXX' (300' INTO BYDH) .
- 7" CSG PLAN / ACTUAL : 8218'/XXXX MD 7370/XXX' TVD
- 6-1/8" OH LATERAL SEC TD DEPTH PLAN/ ACTUAL: 12310/XXXX' MD 7561/XXXX TVD .

========== ARAMCO PERSONNEL ======
- ARAMCO PDP HASAN ALBARRAK # 834919 ON LOCATION SINCE 01/24/2026
- ARAMCO MATERIAL EXPEDITOR NAIF ALHUNTUSHI, #8496231 ON LOCATION SINCE 01/26/2026
- ARAMCO MATERIAL EXPEDITOR TURKI ALOTAIBI #8413392 ON LOCATION SINCE 01/26/2026
- ARAMCO WELL CONTROL TEAM ON LOCATION SINCE 01/24/2026.

1. GEORGES DIB ID# 727976
2. RODA ALSADEER ID# 764541
3. MOHAMMED SHARIDAH ID# 764675

========== SAFETY & DRILLS ==========
* NEAR MISS IN SLS:
* DRILLS: SWA DRILL.
* SAFETY ALERTS: LEG INJURY WHILE LAYING DOWN BHA; HAND & FINGER INJURY.

==========JOURNEY MANAGEMENT PLAN ==========
- RIG LOCATION: 98 KM FROM DHARAN MAIN GATE. DRIVING ON DHAHRAN-ALAHSAA ROAD PASSING BY SAUDI CEMENT COMPANY
- ALL VEHICLES SHOULD ACTIVATE JMP & FOLLOW APPROVED ROAD AND SIGN BOARD WITH NO SHORTCUT.

==========NEXT WELL==========

==========WATER WELL==========
- SDGM-993 WATER WELL SUPPLY.

===== SERVICE COMPANIES ON LOCATION =====
- MUD ENG ON LOCATION SINCE 01/13/2026.

==========RENTAL TOOLS==========
- NOV 9" DRILLING JAR # 354-90217 ON LOCATION SINCE 01/26/2026

========== DIRECTIONAL INFO. ==========
- N/A

=========ARAMCO VEHICLE ==========
- ARAMCO VEHICLE E951 ON LOCATION

==========RIG VISITS ==========
MOHAMED CHELLALI, BHI MUD ADVISOR VISITE THE RIG.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	3.14	9.6	1,400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	95	28	0	17 / 27	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
81	0	18	5	17 / 18	25	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	0API	0	0 Volts	3.14	9.4	1,400
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
80	0HTHP	95	21	0	13 / 24	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
70	0	18	5	13 / 14	25	320	0

MUD TREATMENT

CACL2-98	GRAV18-26
8 (50KG)	15 (25LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
3	980	980	DP Av	DC Av	Bit HHP	N/A	N/A	S423	17	CDB
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
271837	TS716	10 x 12 /	1.104							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A		0
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5	0	5	4.276	0	771.24	NC50	NC50	19.5	71,587.46	G105	PREM	
13	Heavy Weight Drillpipe (HWDP)	RIG	5	9	5	3	276.45	771.24	NC50	NC50	50	71,587.46		CONV	
12	Crossover	RIG	8.25	1	8.25	2.875	2.6	494.79	NC50	6 5/8 REG	161	57,764.96			945023-1505

LIMITED MORNING REPORT

SDGM-1805 DEVELOPMENT DRILLING BI-60

01/23/2026 - 03/07/2026

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
11	Drillcollar	RIG	8.25	2	8.25	2.813	59.85	492.19	6 5/8 REG	6 5/8 REG	161	57,346.36		SPRL	
10	Hydro-Mechanical Jar	NOJ	9	1	9		30	432.34			161	47,710.51			354-90217
9	Drillcollar	RIG	8.25	7	8.25	2.813	210.05	402.34	6 5/8 REG	6 5/8 REG	161	42,880.51		SPRL	
8	Crossover	RIG	9.5	1	9.5	2.813	2.85	192.29	6 5/8 REG	7 5/8 REG	220	9,062.46			306-301
7	Drillcollar	RIG	9.5	4	9.5	3	119.83	189.44	7 5/8 REG	7 5/8 REG	1	8,435.46		SPRL	TALLY
6	String Reamer	RIG	17	1	17	3.125	7.32	69.61	7 5/8 REG	7 5/8 REG	220	8,315.63			130015877
5	Drillcollar	RIG	9.5	1	9.5	3	30.43	62.29	7 5/8 REG	7 5/8 REG	1	6,705.23		SPRL	1901480
4	String Reamer	RIG	17	1	17	3.125	5.91	31.86	7 5/8 REG	7 5/8 REG	220	6,674.8			130015763
3	Pony Collar	RIG	5	1			14.78	25.95			220	5,374.6			1904157-2
2	Near Bit Roller Reamer	RIG	17	1	17	2.8	9.65	11.17	7 5/8 REG	7 5/8 REG	220	2,123		3 POINT	131147970
1	Bit	CDB	17	1	17		1.52	1.52				0			271837

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,280	N/A

PERSONNEL AND SERVICES INFORMATION

Company	BDF	OTH	CDB	RIG	RO4	RIG	ARM	SCM	ARM
Category	DFMS	CTRG	BITS	RIG	DFMS	OTHR	OTHR	PCS	WSC
No. of Persons	1	16	1	67	2	11	6	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	4	24
Operating Hours.	0	0	0	24	24	0	24	4	24

Total 109

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	2500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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HZEM-183612 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/02/2026

أرامكو السعودية
saudi aramco

SP-31 @ HZEM-183612 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig SP-31 Well HZEM-183612 Wellbores: (0) HZEM_183612_0	Charge #: (87-25541-7709) Wellbores: (0) HZEM_183612_0	Objective : (HZEM-183612 IS THE 4TH SLOT ON HZEM-1836 PAD TO BE DRILLED BY RIG SP-31 AS A HORIZONTAL DEVELOPMENT)	Foreman(s) SHERFIELD, ANDY MONROE / CURUL, OZGUN Engineer SYA RAWI, AHMAD Manager MALKI, RAYED AHMAD	THURAYA: 8821677714 170 RIG FORMAN VSAT: 013-576-31 92 CONTRACTOR /CLERK VSAT: 013-576-31 09

Last 24 hr operations	Next 24 hr plan
DRILL 8.5" LATERAL SECTION W/ SPERRY RSS ASSY.	DRILL 8.5" LATERAL SECTION W/ SPERRY RSS ASSY TO TD. PERFORM CLEAN-UP CYCLES. POH FOR 5-1/2" COMPLETION RUN.

Location	Next Location
164 KM F/DMG. FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT FOR 22 KM B/T, TURN RIGHT FOR 2 KM SKID	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
17,900	9 5/8	7590	7590				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15300	16.3 (01/11/2026@2145)	100	2,600	165	236

Formation Tops

Formations	Top Depth	Comments
AHMD	4,839	-2
SFNY	5,561	+11
SHUB	6,191	+12
BYDH	6,548	+11
MDTM	7,532	+6
SULY	8,040	-3
HITH	8,604	+4
ABAR	9,091	+10
ABBR	9,198	+2
ABCR	9,283	+3
ABDR	9,489	+19
JUBL	9,652	+19
JBSR	10,539	+1
HNIF	10,742	0
HNFA	10,795	-2
HNFB	10,844	0
HNFC	10,976	-1
HNFD	11,068	-2
TQMA	11,113	-3
TQMB	11,199	-5

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0100	20	0	8 1/2	N	DRLG	D	RSS	SPS	15300	17455			SPERRY RSS ROTARY DRILL 8-1/2" LATERAL SECTION WITH 92-94 PCF OBM AND 100% RETURNS. * DOWNLINK AS REQUIRED. * DRILLING PARAMETERS: FLOW: 530-550 GPM, SPP: 4000 PSI, WOB: 45-50 KLB, TORQUE: 28 KLB-FT, RPM: 170-180
0100 - 0130	0.5	0	8 1/2	N	DRLG	RR	TDS	RIG	17455	17455			SERVICE TDS
0130 - 0459	3.5	0	8 1/2	N	DRLG	D	RSS	SPS	17455	17900			SPERRY RSS ROTARY DRILL 8-1/2" LATERAL SECTION WITH 94-95 PCF OBM AND 100% RETURNS. * DOWNLINK AS REQUIRED. * DRILLING PARAMETERS: FLOW: 520 GPM, SPP: 4250 PSI, WOB: 40-45KLB, TORQUE: 28.7 KLB-FT, RPM: 170-180 * LAST SURVEY @ 17,618FT MD INC 90.12 AZM 167.91 POSITION FROM PLAN: 20FT ABOVE / 2FT RIGHT

Foreman Remarks

HZEM-183612 IS THE 4TH SLOT ON HZEM-1836 PAD TO BE DRILLED BY RIG SP-31 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 17 FT. INSIDE TQMB FORMATION AND DRILL TO TD OF 18,572 FT. (MD)/ 10,673 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 7,265 FT AT 167 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5 1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 20 DAYS.

==========

JOURNEY MANAGEMENT

PRIOR TO EXITING BLACK TOP ON TO SKID ROAD ALL MUST CALL ARAMCO CLERK @ 013-576-3109.
PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE & EMERGENCY CONTACT.
NIGHT DRIVING IS NOT RECOMMENDED & SPECIAL PRECAUTIONS MUST BE FOLLOWED.

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>ARAMCO FOREMAN ABDULSALAM ALOTAIBI, #823680 ON LOCATION SINCE 1/16/2026.
>ARAMCO MATERIAL EXPEDITOR MASOUD AL QAHTANI #8506104 ON LOCATION SINCE 1/17/2026.
> ARAMCO HSE SAUD AL-KHALDI ,#795701 ON LOCATION SINCE 1/22/2025

==========

> PTW: 17
> JSA: 17
> NEAR MISS: 2
> STOP CARD: 24

LIMITED MORNING REPORT

HZEM-183612 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/02/2026

> DRILLS:
> LTI FREE DAYS: 1165
PRE TOUR-MEETING TOPICS:
* FORKLIFT AND CRANE SAFETY.
* PROPER MANUAL HANDLING (THREE-PERSON LIFT FOR SLIPS)
* HIGH WIND AND DROPPED OBJECT HAZARDS.
* HAND TOOLS TO BE KEPT IN BASKETS.
* GOOD HOUSEKEEPING AND SPILL PREVENTION.
* CLEAN OBM NEAR ROTARY TABLE TO AVOID SLIPS.
* PINCH POINT AWARENESS AND USE OF IMPACT GLOVES.
* DISCUSSED HSE ALERT: FORGETTING IBOP CLOSE AND DAMAGING MUD PUMP PO-OFF VALVE INCIDENT

RENTAL EQUIPMENT:
6 3/4" SAMAA PBL SUB
6 3/4" NPS JAR

> WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM WATER WELL STWW-9001.

> LAST 3 IHA (10/28/2025) : TOTAL FINDINGS 308 , CLOSED ITEMS 283, OPEN ITEMS 25 (1P1, 19P2, 3P3)
> EXTERNAL AUDITS : LPCR (8/4/2025) TOTAL FINDINGS 15, CLOSED ITEMS 12, OPEN ITEMS 3.
: DOECD (11/17/2025) TOTAL FINDINGS 37, CLOSED ITEMS 37, OPEN ITEMS 0.

AVERAGE CONNECTION TIME LAST 24 HOURS: 3.4 MIN (SLIP TO SLIP WHILE DRILLING) .

CASING POINT:
> 24" CASING AT 744 FT.
> 18-5/8" CASING AT 1036 FT.
> 13-3/8" CASING AT 4,880 FT.
> 9-5/8" CASING AT 7,590 FT.
> 5-1/2" CASING AT +/- 18,572 FT.

> 4 GHENNA VACCUM TANKERS (RXA-2107, LBA-1260, ZTB-9652, RXA-2120) ON LOCATION SINCE 1/1/2026. 1 TRIP/DAY FOR EA.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	15,342	90.06	167.06	94	10,658	-1425.94	216.03	4,731.68	0.24
0	15,437	90.12	167.17	95	10,658	-1454.17	222.49	4,826.42	0.13
0	15,532	90.18	167.03	95	10,657	-1482.4	228.96	4,921.17	0.16
0	15,626	90.37	167.12	94	10,657	-1510.32	235.36	5,014.93	0.22
0	15,721	90.31	167.52	95	10,656	-1538.57	241.72	5,109.72	0.42
0	15,816	90.18	167.58	95	10,656	-1566.84	247.96	5,204.54	0.15
0	15,911	90.25	167.82	95	10,656	-1595.14	254.13	5,299.39	0.26
0	16,005	90.25	167.74	94	10,655	-1623.14	260.19	5,393.24	0.09
0	16,100	90.12	167.6	95	10,655	-1651.43	266.37	5,488.1	0.2
0	16,195	90	167.32	95	10,655	-1679.69	272.66	5,582.93	0.33
0	16,290	90.06	167.05	95	10,655	-1707.93	279.08	5,677.75	0.29
0	16,384	90	167.06	94	10,655	-1735.85	285.5	5,771.56	0.07
0	16,479	90.12	167.1	95	10,655	-1764.07	291.98	5,866.38	0.14
0	16,574	90.06	167.07	95	10,654	-1792.3	298.45	5,961.2	0.07
0	16,669	90.12	166.49	95	10,654	-1820.48	305.07	6,056	0.62
0	16,764	90.18	166.74	95	10,654	-1848.66	311.77	6,150.79	0.27
0	16,859	90.06	167.08	95	10,654	-1876.86	318.33	6,245.61	0.37
0	16,954	90.25	166.62	95	10,654	-1905.06	324.92	6,340.43	0.51
0	17,050	90.12	166.62	96	10,653	-1933.52	331.69	6,436.24	0.13
0	17,143	90.25	166.73	93	10,653	-1961.1	338.22	6,529.06	0.18
0	17,238	90.12	166.62	95	10,653	-1989.28	344.9	6,623.88	0.17
0	17,333	90.18	167.22	95	10,652	-2017.48	351.45	6,718.73	0.63
0	17,428	90.06	167.21	95	10,652	-2045.72	357.86	6,813.61	0.13
0	17,523	90.12	167.18	95	10,652	-2073.96	364.28	6,908.49	0.08
0	17,618	90.12	167.91	95	10,652	-2102.23	370.52	7,003.4	0.77
0	17,716	90.18	166.67	98	10,652	-2131.37	377.09	7,101.29	1.26
0	17,809	90.18	166.75	93	10,651	-2158.96	383.61	7,194.14	0.08

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
93 PCF	2	0API	59	726 Volts	15.6	0	30,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
140	6.4HTHP	14.8	18	0	12 / 18	OBM	3.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0	29	26.2	11 / 12	0	18,000	8.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	2	0API	58.8	682 Volts	15.9	0	30,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
138	7.4HTHP	15.4	20	0	13 / 21	OBM	2.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
59	0	29	25.8	11 / 12	0	18,200	8.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
92 PCF	3	0API	58.6	651 Volts	16.7	0	30,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**

LIMITED MORNING REPORT

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HZEM-183612 EXPLORATION DRILLING BI-1514

01/10/2026 - 02/02/2026

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136	10.4HTHP	15.2	23	0	15 / 23	OBM	2.8
Funnel Vis.(SEC)	Cake API	PV	Solids Vol. %	3/6 RPM	MBT	CA PPM	PPT Total
64	0	29	26.2	13 / 14	0	18,400	8.4

MUD TREATMENT

EZ-MUL	CAOH2	DURATONE	S-SCAV S	BARITE
3 (55GL)	40 (25KG)	60 (50LB)	12 (55LB)	31 (5000L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
8	8,915	17,900	DP Av	DC Av	Bit HHP	50	170	S323	8.5	SEC
Pressure	GPM	Jet Vel	303.46	N/A	34	I-Row	O-Row	DC	Location	Bearings
4,230	520	100				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
14488517	GT65RHS1	3 x 14 / 3 x 13	1.68	x 14 /						
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	23.5	285	355	210	28,500		20
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				
	0						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	30	432.65	XT54	XT54	24.7	67,532.11	S135	PREM	RIG
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	6	5.5	3.25	182.69	402.65	XT54	XT54	52	66,791.11		CONV	RIG
13	Hydraulic Jar	NPJ	6.5	1	6.5	2.75	30.42	219.96	NC50	NC50	1,410	57,291.23			HJDA650-0056
12	Heavy Weight Drillpipe (HWDP)	RIG	5.5	3	5.5	3.25	91.6	189.54	XT54	XT54	52	14,399.03		CONV	RIG
11	Crossover	RIG	6.25	1	6.25	2.625	2.6	97.94	XT54	NC50	100	9,635.83			2301179
10	PBL (Multiple Activation By Pass)	SAM	6.75	1	6.75	2.813	10.65	95.34	NC50	NC50	100	9,375.83			56755BP536
9	Float Sub	SPS	6.75	1	6.75	2.75	6.43	84.69	NC50	NC50	101.71	8,310.83			13905429-13905428
8	Screen sub	SPS	6.75	1	6.75	2.813	6.35	78.26	NC50	NC50	101	7,656.835			14115640
7	Non Magnetic Drill Collar (NMDC)	SPS	6.75	1	6.75	2.5	17.06	71.91	NC50	NC50	101	7,015.485		SPRL	13005633-14221621
6	PWD (Pressure while Drilling)	SPS	6.75	1	6.5	1.92	6.32	54.85	NC50	NC50	100.8	5,292.425			13277913
5	Stabilizer	SPS	6.75	1	6.75	3.125	1.71	48.53	NC50	NC50	95.82	4,655.369			13058868
4	Logging While Drilling (LWD)	SPS	6.75	1	6.75		8.83	46.82			98.88	4,491.516			11716371
3	Measurement While Drilling (MWD)	SPS	6.75	1	6.75		17.91	37.99			103.6	3,618.406			14475866-11716371
2	RSS	SPS	6.75	1	6.75		19.45	20.08	NC50	4 1/2 REG	87.4	1,762.93			14361318
1	Bit	SEC	8.5	1	8.5		0.63	0.63			100	63			14488517

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/20/2026	N/A	NORMAL	N/A	SEASONAL	1,167	2X PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	GOS	SPS	RIG	BAR	MSI	RIG	ARM	BSC	SAP	ARM
Category	CTRG	DPDS	RIG	DFMS	ISPCT	OTHR	OTHR	SCS	WTERLNE	WSC
No. of Persons	14	4	74	2	3	5	2	3	4	3
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	0	12	12	12	24

Total
114

TRUCKS/BOATS

Standby/Tankers
B-867

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	350	136	43	3280

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

THRY-561004 EXPLORATION DRILLING BI-1514

01/14/2026 - 02/27/2026

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SP-32 @ THRY-561004 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-32
Well: THRY-561004
Wellbores: (0) THRY_561004_0

Charge #: (87-25743-8104)
Wellbores: (0) THRY_561004_0

Objective : (TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR A)

Foreman(s): ABOARAB, AHMED ABDELMAWLA YOUSSEF / HAMMOUDA, ABDELHAMID
Engineer: ALAJLAN, JAMAL ABDULLAH
Manager: YAMI, FAHAD MANE

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677714 171	5763172	3300929

CONTRACTOR /CLERK VSA T: 5763173

Last 24 hr operations
DRILLED 16" HOLE SECTION TO CP. CHC, POOH W/ 16" NESR MM BHA .

Next 24 hr plan
POOH & L/D 16" NESR MM BHA , RUN & CMT 13 3/8" CSG, N/D DIVERTER, TFMC VER3.0 WH WORK.

Location: THRY-561004
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,051	18 5/8	1072	1072				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2520	3.3 (01/24/2026@2130)	100	2,531	119	180

Formation Tops

Formations	Top Depth	Comments
DMMM	718	- 11 FT
RUS	1,005	+ 3 FT.
UMER	1,413	- 29
ARUM	2,639	+ 23 FT.
LAMS	2,841	+ 37
AHMD	5,005	+ 80

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1000	5	0	16	N	DRLG	DMR	MMOT	ND1	2520	3285			NESR MM DRILLED 16" HOLE SECTION W/ 70-72 NACL POLYMER MUD, 100% RETURNS. > DRILLING PARAMETERS: 110 RPM, WOB 30-55 KLBS, TDS TRQ 15-27 KLB.FT, SPP: 2500-2,700 PSI, GPM: 1,100. > PUMPED 15 BBLS ANTI-BALLING FOLLOWED BY 30 BBLS HI-VIS EVERY 45 FT DRILLED. > DROPPED 4 RAPID SWEEPS STICKS EVERY CONNECTION. > AVG CONNECTION TIME: 4 MINS.
1000 - 1030	0.5	0	16	N	DRLG	SDR1	NA	RIG	3285	3285			CONDUCTED OPEN PIT RESCUE DRILL.
1030 - 1100	0.5	0	16	N	DRLG	OTH	NA	RIG	3285	3285			PERFORMED DROPS SURVEY.
1100 - 1645	5.75	0	16	N	DRLG	DMR	MMOT	ND1	3285	4700			NESR MM DRILLED 16" HOLE SECTION W/ 72-75 NACL POLYMER MUD, 100% RETURNS. > DRILLING PARAMETERS: 110 RPM, WOB 30-55 KLBS, TDS TRQ 15-27 KLB.FT, SPP: 2500-3,100 PSI, GPM: 1,100. > PUMPED 15 BBLS ANTI-BALLING FOLLOWED BY 30 BBLS HI-VIS EVERY 45 FT DRILLED. > DROPPED 4 RAPID SWEEPS STICKS EVERY CONNECTION. > AVG CONNECTION TIME: 4 MINS.
1645 - 1715	0.5	0	16	N	DRLG	SDR1	NA	RIG	4700	4700			CONDUCTED HOSTILE ATTACK DRILL .
1715 - 1745	0.5	0	16	N	DRLG	RR	TDS	RIG	4700	4700			RIG SERVICED TDS.
1745 - 2100	3.25	0	16	N	DRLG	DMR	MMOT	ND1	4700	5051			NESR MM DRILLED 16" HOLE SECTION W/ 75 NACL POLYMER MUD, 100% RETURNS. > DRILLING PARAMETERS: 110 RPM, WOB 30-55 KLBS, TDS TRQ 15-27 KLB.FT, SPP: 2800-3,100 PSI, GPM: 1,100. > PUMPED 15 BBLS ANTI-BALLING FOLLOWED BY 30 BBLS HI-VIS EVERY 45 FT DRILLED. > DROPPED 4 RAPID SWEEPS STICKS EVERY CONNECTION. > AVG CONNECTION TIME: 4 MINS.
2100 - 2200	1	0	16	N	DRLG	CIRC	MPMP	RIG	5051	5051			SWEPT HOLE W/ 2X 85 BBL HI-VIS PILLS AND CIRCULATED HOLE CLEAN, 100% RETURNS.
2200 - 2230	0.5	0	16	N	DRLG	OTH	NA	RIG	5051	5051			PERFORMED FLOW CHECK, WELL STATIC. > SPOTTED 300 BBLS OF 78 PCF HI-VIS ON BTM.
2230 - 2345	1.25	0	16	N	DRLG	TO	STDP	RIG	5051	5051	5051	4405	POOH W/ NESR 16" MM BHA WITH CONTROLLED SPEED ON ELEVATORS. > EXPERIENCED OVER-TORQUED CONNECTIONS.
2345 - 0459	5.25	0	16	N	DRLG	BR	STRG	RIG	5051	5051	4405	2775	BACKREAMED W/ NESR 16" MM BHA , 100% RETURNS. > EXPERIENCED OVER-TORQUED CONNECTIONS.

Foreman Remarks

THRY-561004 IS THE 1ST SLOT ON PAD THRY-5610 TO BE DRILLED BY RIG SP-32 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 16 FT. INSIDE

LIMITED MORNING REPORT

THRY-561004 EXPLORATION DRILLING BI-1514

01/14/2026 - 02/27/2026

TQMA FORMATION AND DRILL TO TD OF 27,405 FT. (MD)/ 10,492 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 16,291 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 29.3 DAYS.
==========JOURNEY MANAGEMENT & LOCATION==========
CALL SP-32 RIG OFFICE AT 013-576-3172. PRIOR TO TURNING SKID ROAD. PROVIDE TO ARAMCO OFFICE- NAME OF CO, NUMBER OF PERSONNEL, COLOR OF VEHICLE EMERGENCY CONTACT OF BASE PERSONNEL.
DRIVE FROM HOFUF 68 KM ON SALWA ROAD, TURN RIGHT FOR 33 KM ON BLACK TOP, TURN LEFT FOR 22 KM ON SKID ROAD.
==========JARS AND RENTAL TOOLS ==========
RENTAL TOOLS:
- NA.
==========
- WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR WCO&PED SERVICES (COMPLETIONS) FROM THRY-844.
==========ARAMCO PERSONNEL==========
ARAMCO PERSONNEL:
- ARAMCO CLERK TARA PRASAD KHANAL #8263838 ON LOCATION SINCE 12/25/2025.
========== CASING DEPTH ==========
- 18 5/8" CASING: 115# J/K-55, BTC @ 1072 FT.
- PLANNED 13 3/8" CASING: 68# J/K-55, BTC @ 4975 FT.
- PLANNED 9 5/8" CASING 47# L-80, BTC @ 7470 FT.
- PLANNED 5 1/2" CASING 26# P110, VM-TOP & TN-95 @ 27,405 FT (MD).
==========DAILY SAFETY REPORT ==========
STOP CARDS: 20.
SWA: 04.
DRILLS: 4. 01 HOSTILE ATTACK DRILL,01 WATER PIT RESCUE DRILL, 02 PIT DRILLS
HSE INDUCTION: 06.
NEAR MISS: 0. SLS
LTI FREE DAYS: 1138 DAYS.

RIG AUDIT DETAILS:-
LAST 3 IHAS, DATE OF LAST AUDIT (08-JAN-2026):-
TOTAL FINDINGS : 139 CLOSED ITEMS: 138 OPEN: 1

EXTERNAL AUDIT LPD (30-JULY-2025)
TOTAL FINDINGS: 15,CLOSED ITEMS:15 OPEN:0

==========
- PERFORM DAILY COMMUNICATION WITH RIG SP-93 & WELLSITE THRY-560604 AS PER ERP REQUIREMENTS.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	2,560	0.52	253.18	95	2,560	-6.04	-0.26	19.83	0.26
0	2,655	0.52	253.93	95	2,655	-6.11	-0.51	20.13	0.01
0	2,749	0.57	229.29	94	2,749	-6.24	-0.74	20.63	0.25
0	2,844	1.21	206.66	95	2,844	-6.61	-0.99	21.93	0.75
0	2,939	1.44	203.08	95	2,939	-7.22	-1.27	24.04	0.26
0	3,034	1	218.48	95	3,034	-7.75	-1.57	25.94	0.57
0	3,129	1.13	213.45	95	3,129	-8.19	-1.88	27.56	0.17
0	3,223	1.15	199.92	94	3,223	-8.69	-2.14	29.37	0.29
0	3,318	0.87	216.76	95	3,318	-9.14	-2.37	30.99	0.43
0	3,413	0.7	220.22	95	3,413	-9.46	-2.62	32.19	0.18
0	3,508	0.89	224.44	95	3,508	-9.75	-2.89	33.37	0.2
0	3,602	0.78	220.36	94	3,602	-10.06	-3.17	34.61	0.13
0	3,697	0.7	223.88	95	3,697	-10.34	-3.42	35.73	0.09
0	3,792	0.62	198.79	95	3,792	-10.62	-3.6	36.77	0.31
0	3,886	0.52	201.9	94	3,886	-10.88	-3.69	37.71	0.11
0	3,981	0.51	195.52	95	3,981	-11.13	-3.78	38.55	0.06
0	4,076	0.55	191.42	95	4,076	-11.39	-3.84	39.43	0.06
0	4,171	0.48	201	95	4,171	-11.64	-3.91	40.28	0.12
0	4,265	0.3	206.5	94	4,265	-11.82	-3.99	40.92	0.19
0	4,360	0.16	162.41	95	4,360	-11.92	-4.01	41.28	0.23
0	4,455	0.23	124.14	95	4,455	-12	-3.95	41.43	0.15
0	4,549	0.32	73.15	94	4,549	-12.01	-3.82	41.34	0.26
0	4,644	0.3	75.82	95	4,644	-11.96	-3.67	41.06	0.02
0	4,738	0.13	350.9	94	4,738	-11.91	-3.6	40.84	0.34
0	4,833	0.28	73.55	95	4,833	-11.86	-3.54	40.61	0.31
0	4,928	0.34	69.9	95	4,928	-11.81	-3.39	40.32	0.07
0	4,989	0.2	66.43	61	4,989	-11.78	-3.31	40.15	0.23

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	4API	0	0 Volts	2.2	9.5	139,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
110	0HTHP	97	26	0	11 / 15	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	1	17	3	9 / 10	5	320	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	4API	0	0 Volts	2.3	9.3	141,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	97	26	0	12 / 16	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
	1	18	3	9 / 10	5	280	0

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LIMITED MORNING REPORT

THRY-561004 EXPLORATION DRILLING BI-1514

01/14/2026 - 02/27/2026

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Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
65 PCF	0	5API	0	0 Volts	2.6	9.3	5,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
105	0HTHP	97	27	0	9 / 11	INPHPA	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	1	16	3	9 / 10	10	300	0

MUD TREATMENT

BRZN	CAUST	CLAYSYNC	CONDET	DEXT	ENVIROTHIN	MAX-GUARD
80 (25KG)	6 (55LB)	100 (50LB)	14 (5GL)	160 (25KG)	21 (50LB)	72 (55GL)
NACL	**BARITE**	**NEWDRILSTK**	**SODASH**			
160 (2200L)	10 (5000L)	5 (25LB)	50 (50KG)			

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
2RR	1,072	5,051	DP Av	DC Av	Bit HHP	55	110	S423	16	REED
Pressure	**GPM**	**Jet Vel**	119.43	162.66	588	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
3,100	1,100	320				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
S316640R	TK76S3A	10 x 12 /	1.104							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	21	255	256	254	27,000	Shock Sub Serial	Shock Sub Hrs
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
14	Drillpipe	RIG	5.5	1	5.5	4.67	0	823.04	XT54	XT54	24.7	113,554.914	S135	PREM	ON FILE
13	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	274.4	823.04	XT54	XT54	52.51	113,554.914		CONV	ON FILE
12	Crossover	RIG	8.5	1	8.5	2.813	2.52	548.64	XT54	6 5/8 FH	70	99,146.17			2501335
11	Heavy Weight Drillpipe (HWDP)	RIG	6.625	3	6.625	4.5	92.05	546.12	6 5/8 FH	6 5/8 FH	70	98,969.77		CONV	ON FILE
10	Crossover	RIG	8.5	1	8.5	2.813	2.35	454.07	6 5/8 FH	6 5/8 REG	70	92,526.27			2203-54
9	Drillcollar	RIG	8.5	3	8.5	2.875	90.22	451.72	6 5/8 REG	6 5/8 REG	171	92,361.77		SPRL	ON FILE
8	Crossover	RIG	9.5	1	9.5	2.813	1.79	361.5	6 5/8 REG	7 5/8 REG	196	76,934.15			2203-52
7	Drillcollar	RIG	9.5	9	9.5	3	270.95	359.71	7 5/8 REG	7 5/8 REG	220	76,583.31		SPRL	ON FILE
6	FIlter Sub	ND1	9.5	1	9.5	4	4.95	88.76	7 5/8 REG	7 5/8 REG	181	16,974.31			OGI-TS-6858
5	Roller Reamer	RIG	16	1	9.5	3	7.45	83.81	7 5/8 REG	7 5/8 REG	188	16,078.36		3 POINT	2022008
4	Measurement While Drilling (MWD)	ND1	9.5	1	9.5	3	31.46	76.36	7 5/8 REG	7 5/8 REG	190	14,677.76			SLW3-8374
3	Roller Reamer	RIG	16	1	9.5	3	7.54	44.9	7 5/8 REG	7 5/8 REG	200	8,700.36		3 POINT	5143230041
2	Mud Motor	ND1	12	1	12	6.19	36.28	37.36	7 5/8 REG	7 5/8 REG	190	7,192.36			1125-40003
1	Bit	REED	16	1	16		1.08	1.08			277	299.16			S316640R

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	SEASONAL	1,140	2 X PRE TOUR SAFETY MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	ITS	TGC	ND1	RIG	BAR	MH2	RIG	ARM	NCS	SAP	ARM
Category	CSR	CTRG	DPDS	RIG	DFMS	H2S	OTHR	OTHR	PCS	WTERLNE	WSC
No. of Persons	4	17	5	56	11	1	16	1	3	2	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	24	24	24	12	12	12	0	24	24

Total
118

TRUCKS/BOATS

Standby/Tankers
H-428

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	663	267	38	5600

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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SDGM-1509 DEVELOPMENT DRILLING BI-60

12/23/2025 - 02/09/2026

SP-53L @ SDGM-1509 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore (LSTK)
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-53L
Well: SDGM-1509
Wellbores: (0) SDGM_1509_0

Charge #: (66-24054-1509)
Wellbores: (0) SDGM_1509_0

Objective : (SINGLE LATERAL OIL PRODUCER (PHZ) TARGETING ARBD RESERVOIR.)

Foreman(s) KHALDI, FALAH BARRAK / ABDULLAH, NASHWAN KHALID
Engineer DAHLAWI, ABDULILAH MAZEN / FASSAM, KHALED ADEL
Manager HELLI, SAMI SULAIMAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 11291	0135773549	ARAMCO CLE RK: 013577 3551

CONTRACTOR /CLERK VSA T: SP RIG MAN GR: 013 57 79687

Last 24 hr operations: SHUT DOWN OPERATION TO INVESTIGATE THE NEAR MISS INCIDENT

Next 24 hr plan: SHUT DOWN OPERATION TO INVESTIGATE THE NEAR MISS INCIDENT

Location: 136 KM FROM DHAHRAN MAIN GATE, ON DAM-HOFUF HIGH WAY, FOLLOW RIG SIGN BOARDS.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,225	9 5/8	4219	4219				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
4220	17.4 (01/10/2026@2000)	100	0	104	136

Formation Tops

Formations	Top Depth	Comments
BYDH	3,920	9' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Lt Type	Lt ID	Summary of Operations
0500 - 0459	24	0	8 1/2	N	DRLG	OTH	NA	RIG	4225	4225			RI	965463	SHUT DOWN RIG FOR INCIDENT INVESTIGATION & CREW COACHING.

Lost Time Details

From	Hrs	Cum. Hrs	Lt Id	Parent Lt Id	Type	Cause	Object	Resp Co	Depth	Lost Time Summary
26 Jan 0945	24	67.25	965463		RI	FOT	RSSS	RIG	4225	ARAMCO FOREMAN OBSERVED ON CCTV THE UNSAFE ACT BY THE TOOLPUSHER (RELIEVING THE DRILLER) WHILE POOH THE 8-1/2" C/O BHA, THE TDS ELEVATOR CAME IN CONTACT WITH THE DP HAND SLIPS & ROTARY TABLE. NEAR MISS, NO PROPERTY DAMAGE AND PERSONNEL INJURY. HOLD STAND DOWN MEETING WITH ALL PERSONNEL ON RIG AND DISCUSSED THE FOLLOWING ITEMS: UNREPORTED UNSAFE ACT, HSE VIOLATION FOR NOT REPORTING THE HIGH POTENTIAL NEAR MISS, NO SAFETY VIOLATION IS TOLERATED, REVIEW THE PREVIOUS INCIDENTS LESSON LEARNED, HAND/BODY PLACEMENT, POTENTIAL HAZARDS, SWA IMPLEMENTATION. SHUT DOWN OPERATION TO INVESTIGATE THE NEAR MISS INCIDENT.

Foreman Remarks

SDGM-1509 WILL BE DRILLED AS (PHZ) TARGETING ARBD RESERVOIR. THE WELL WILL BE COMPLETED WITH LOWER COMPLETION AND BAKER UPPER COMPLETION WITHOUT PDHMS.
- CELLAR COLLAPSE IS NOT EXPECTED BASED ON OFFSET ANALYSIS.
- ASSIGNED WATER WELL SDGM-974 (01.33 KM DISTANCE).
- NO INJECTOR/DISPOSAL WELLS WITHIN A 2 KM RADIUS NEED TO BE SHUT IN AS PER RMD CONFIRMATION. NEAREST PWI WELL: ANDR-1217 (5.2 KM).
========== WELLS WITH CENTRALIZED MAIN CAMP==========
- SDGM-1504 TO SDGM-1509. TOTAL MAIN CAMP MOVES TO BE AVOIDED: 1
- LOCATION COORDINATES: E: 333821/ N: 2845183 / UTM ZONE: 39.
========== ERP, RIGS & FACILITIES INSIDE 100/30 PPM RER ==========
- GOR: 571 (SCF/STB) & 2.08% H2S, 1/2 LFL: 186 (M), 30 PPM: 1195 (M), 100 PPM: 638 (M).
- (SDGM-74, SDGM-516, SDGM-812, SDGM-1057, SDGM-559,SDGM-1508) ARE INSIDE 100 PPM, (SDGM-399, SDGM-560, SDGM-430, SDGM-1512, SDGM-426 & SDGM-525) ARE INSIDE 30 PPM.
- SDGM-1504 ON THE SAME PAD.
==========WELL DESIGN ==========
- DRILL 28" VERTICAL HOLE SECTION TO 24" PLANNED CP @ 529 FT. (50 FT TVD INTO RUS FM). ACTUAL 533 FT (68' TVD INTO RUS).
- DRILL 17" VERTICAL HOLE SECTION TO 13-3/8" PLANNED CP @ 2753 FT, (50 FT TVD INTO AHMADI). ACTUAL 2635 FT (50' TVD INTO AHMADI).
- DRILL 12-1/4" VERTICAL HOLE SECTION TO 9-5/8" PLANNED CP @ 4229 FT, (300 FT TVD INTO BIYADH). ACTUAL 4219 FT (300' TVD INTO BIYADH).
- DRILL 8-1/2" BUILD UP HOLE SECTION TO 7" PLANNED LP @ 7833 FT MD (2 FT TVD ABOVE ABD1), KOP @ 4,795'. ACTUAL XXXXFT MD (XXX FT TVD ABOVE ABD1),
- DRILL 6-1/8" HORIZONTAL HOLE SECTION TO WELL TD AT 10182 FT MD. ACTUAL XXXX FT MD/ XXXX FT TVD.
========== SAFETY ==========
- PERFORM DAILY RADIO CHECK WITH DH ECC.
- DAILY SAFETY & PRE-TOUR MEETING.
- DAILY COMMUNICATION PROTOCOL WITH NESMA CONSTRUCTION SUPERVISOR FOR THE NEARBY CONSTRUCTION ACTIVITIES.
- SUBMITTED NM ON SLS#10901870.
========== ANNULAR BOP==========
- NEW ANNULAR BOP PACKER ELEMENT "NOV PART #18453669-001, SN#XK-25-1009831" IS INSTALLED ON 11/12/2025.
==========ARAMCO PERSONNEL ON LOCATION ==========
- ARAMCO FOREMAN MOHAMMED CHERRAD #7213527 SINCE 1/13/2026.
- ARAMCO FOREMAN IBRAHIM ALRABIAH #821268 SINCE 1/26/2026.
- ARAMCO HSE ADVISOR MICHAEL JAYME #8195227 SINCE 1/26/2026.
- ARAMCO FOREMAN MUATH ALABDULATHIM #811977SINCE 1/27/2026.
========== SITE SECURITY ON LOCATION ==========
- MUJAHIDEEN ON LOCATION SINCE 08/08/2024.
========== SERVICE COMPANY & RENTAL TOOLS ==========

LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

SDGM-1509 DEVELOPMENT DRILLING BI-60

12/23/2025 - 02/09/2026

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- SINOPEC H2S SENSORS AND SPECIALIST ON LOCATION SINCE 12/3/2025.
- ALFUWAILEH 4 VACUUM TANKERS ON LOCATION 1/13/2026. ONE TRIP EACH.
- MSCC SPRAY TANKER ON LOCATION SINCE 1/18/2026.
==========LSTK PERSONNEL ON LOCATION==========
- THIS IS A BAKER LUMP SUM TURN KEY WELL.
- BAKER FOREMEN: NAFEA / NIZAR.
- BAKER SAFETY MAN: ALI ALGHANIM.
- BAKER SUPT: ALI ALYAMI
========== VISITS & MEETINGS ==========
- ALI ALYAMI - BH SUPT ON LOCATION.
- AYMEN DARWESH (BH PM), MUNEER SHAMROUKH(BH HSE LEAD), SAOUD ALMASOUD (OP EXC MGR), PERESYPKIN, SERGEY (HSE DIRECTOR) VISITED.
- WANG ZHONGYUAN (PROJECT MGR), TANG CHEN (SP VP), LV JUNXI (SP PROJECT HSE SUPV), BASHA (SP HSE DIR) VISITED THE RIG.
- KONG NINGNING (SP CH ELECTRICIAN), YU DALIAN & YAN ZEMIN (BOMCO DRAWWORKS OEM ENG) & ZHANG SHAOWEI (SP SUPT) ON LOCATION.
- ENVIRONMENTAL HSE AMIRUD BIN KAMIS & MOHD OTHMAN VISITED.
==========DIRECTIONAL==========
- NONE
========== NEXT WELL ==========
- SDGM-1513: (90% READY)
- DP/ERP: NO/NO.
- WATER WELL: SDGM-3519 (READY).

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	5API	0	0 Volts	5.22	9	137,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	88	20	0	8 / 9	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
45	1	18	12	8 / 9	0	360	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
80 PCF	0	5API	0	0 Volts	5.22	9	137,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	88	21	0	8 / 10	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
45	1	19	12	8 / 9	0	360	0

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
4RR	4,220	4,225	DP Av	DC Av	Bit HHP	25	65	135	8.5	HTC
Pressure	**GPM**	**Jet Vel**	363.11	N/A	233	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,700	700	245				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
Z004AT	GTXG3	3 x 20 /	0.92							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	7.3	159	182	155	3,000		7.3
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
6	Drillpipe	RIG	5	1	5	4.638	30	883.29	GPDS50	GPDS50	19.5	35,826.57	G105	PREMIUM	
5	Heavy Weight Drillpipe (HWDP)	RIG	5	6	5	3	182.6	853.29	NC50	NC50	42.7	35,241.57		CONV	
4	Hydro-Mechanical Jar	NPC	6.5	1	6.5		27.5	670.69			0	27,444.55			HMJ-650-063
3	Heavy Weight Drillpipe (HWDP)	RIG	5	21	5	3	639.7	643.19	NC50	NC50	42.7	27,444.55		CONV	
2	Bit Sub	RIG	6.5	1	6.5	2.813	2.64	3.49	NC50	4 1/2 REG	49	129.36			0712312-45
1	Bit	HTC	8.5	1	8.5		0.85	0.85				0			Z004AT

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	AS REQUIRED	NORMAL	N/A	SEASONAL	2,044	PTSM

PERSONNEL AND SERVICES INFORMATION

Company	BHT	GOS	BR1	BHI	RIG	BDF	MJH	SNS	SDM	NPC	TK2	RIG	OTH	TK2	ARM
Category	BITS	CTRG	RINS	DPDS	RIG	DFMS	SEC	H2S	ISS	JST	OTHR	OTHR	VAC	WSC	WSC
No. of Persons	0	14	0	2	65	1	8	1	1	0	2	10	1	2	6
Personnel on Loc. Hrs.	0	24	0	24	24	24	0	24	24	0	24	24	24	24	24
Operating Hours.	24	0	24	0	24	24	24	0	24	24	0	24	0	24	24

Total
113

LIMITED MORNING REPORT

SDGM-1509 DEVELOPMENT DRILLING BI-60

12/23/2025 - 02/09/2026

TRUCKS/BOATS	Standby/Tankers					
	b-888 (LTB-6592)					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	226	396	65	68	3050
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

03/27/2019 - 02/05/2026

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SP-58 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective : (DE-MOBILIZATION)	Foreman(s) ZIDI, ELHACHEMI / KENIOUA, HAFNAOUI
SP-58	()		Engineer SAUER, PASCAL RAPHAEL
Well	Wellbores:		Manager ABU RASAIN, AMER MANE
MOBILIZATION			
Wellbores:			

RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
013-673-68 69	013-673-57 35

Last 24 hr operations	Next 24 hr plan
RIG UP OPERATIONS ON HWYH-1121 & WORKING ON CLOSE PCI FINGDINGS.	RIG UP OPERATIONS ON HWYH-1121 & WORKING ON CLOSE PCI FINGDINGS.

Location	Next Location
HWYH-0991	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH RIG CREW & DISCUSSED: - WORKING ON PCI OPEN ITEM. - POTENTIAL HAZARED & SAFETY ISSUES DURING RIG DOWN OPERATIONS. - JSA, LIFTING PLAN & WORK PERMIT REQUIREMENTS.
0600 - 0459	23		PRE	M	MAIN	RU	NA	RIG					DAILY ACTIVITIES: ** PERFORM H2S DRILL. ** PERFORM FIRE FIGHTING/H2S SCBA MASKUP/CONFINED SPACE TRAINING FOR RIG CREW. ** DPS INSPECTION FOR REMAINING RIG HANDLING TOOLS AND TUBULARS ... ONGOING. ** WORK ON MUD SYSTEM ... ONGOING. ** HOUSEKEEPING. ********* WORK ON PCI OPEN ITEMS: DAILY CLOSE: WC (03 ITEM) // SAFETY (00 ITEMS P1 // 08 ITEMS P2). UPDATED WELL CONTROL PCI INSPECTION: TOTAL 32 FINDINGS. - P1 = 32 ITEMS (SOLVED: 30; STILL OPEN: 2) -- 93% CLOSED. UPDATED SAFETY & ENV INSPECTION: 182 ITEMS. - P1 = 21 ITEMS (SOLVED: 16 ; STILL OPEN: 5) -- 76% CLOSED. - P2 = 153 TEMS (SOLVED: 129 ; STILL OPEN: 24) -- 84% CLOSED. - P3 = 8 ITEMS (SOLVED:01 ; STILL OPEN: 7) -- 12.5 % CLOSED. ---------- - RIG MOVE : 100% - RIG UP ON HWYH-1121: 95 %. - MOBILIZATION: 100%. ---------- - DAYS SINCE START MOBILIZATION: 34. - DISTANCE FROM SINOPEC YARD TO WELL HWYH-1121: 279 KM. - TOTAL LOADS: 192 LOADS OF RIG EQUIPMENT.

Foreman Remarks

> DISTANCE FROM SINOPEC YARD TO WELL HWYH-1121: 279 KM.

============== ====PERSONNEL ===============
> ARAMCO FCT ABDULRAHMAN ALGARNI #787834 ON LOCATION SINCE 01/17/2026.
> ARAMCO MATERIAL EXPEDIATER MOHAMED AL SULTAN #8524021 ON LOCATION SINCE 1/26/2026.
> ARAMCO FOREMAN FATHI MOKRANI #8691287 ON LOCATION SINCE 01/24/2026.

============== ====SINOPEC CONTRACTOR VISITS ================

====================SERVICE COMPANIES=====================
> MUD ENG OES ON LOCATION 01/16/2026 (MUD LAB ON LOCATION: 1/19/2026)

====================== ERP ============================
RER DISTANCES: 97 M 1/2LFL, 240M (100 PPM), 686M (30 PPM).
STAGING AREA#1: 1 KM NW, N: 24.665059, E: 49.169947.
STAGING AREA#2: 0.8 KM SE, N: 24.649967, W 23.187256.

================ PCI AUDIT FOLLOW UP ========================

================== ARAMCO VEHICLE ========================
- ARAMCO VEHICLE NO: (E-909) ON LOCATION.

====================NEXT WELLS============================
> 1ST WELL: HRDH-2134, SIDETRACK TO UNYZ-B, PRE-WORKOVER MEETING DONE ON 1/21/2026, STRIP OUT 100%, LOCATION PREPARATION 0%.

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

03/27/2019 - 02/05/2026

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> 2ND WELL: HRDH-1811, NDE, PRE-WORKOVER MEETING DONE ON 1/27/2026, STRIP OUT 0%, LOCATION PREPARATION 0%.
> 3RD WELL: HRDH-1811, NDE, PRE-WORKOVER MEETING SCHEDULED ON 1/27/2026, STRIP OUT 0%, LOCATION PREPARATION 0%.
> 4TH WELL: HRDH-2003, SIDETRACK TO PK, PRE-WORKOVER MEETING DONE ON 1/21/2026, STRIP OUT 100%, LOCATION PREPARATION 0%.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	NA	WINTER	2,436	TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	OES	RIG	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	
No. of Persons	15	55	1	10	2	3	Total 86
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	12	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others
E-909	AMBULANCE	RIG PICK UP

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
VSAT CONNECTIVY VERY POOR QUALITY -NEED TO FIX-		

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LIMITED MORNING REPORT

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QUOR-1 EXPLORATION DRILLING BI-3300

09/14/2025 - 07/21/2026

SP-70 @ QUOR-1 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-70
Well: QUOR-1
Wellbores: (0) QUOR_1_0

Charge #: (75-23886-0001)
Wellbores: (0) QUOR_1_0

Objective : (TEST OIL & GAS IN SHARAWRA, SARAH AND QUWARAH FORMATION)

Foreman(s): GUEROUACHE, ADEL / KHALAF, EMAD AHMED / ALAJMI, KHALID MUBARAK / DAOUD, NACIM
Engineer Manager: RIZA, ISKANDAR / ALNOAIM, MOSHAL NAIF HARBI, MAGBEL MENAWER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 14154	0133788370	0133788371

Last 24 hr operations: RIH W/ 8-3/8" TURBINE BHA TO CASING SHOE ,N/D B.NIPPLE AND R/UP RCD, RIH TO BTM , DISPLACE TO 105 PCF

Next 24 hr plan: DISPLACE TO 105 PCF W/ MPD, RELOG, TURBINE DRLG 8-3/8" SECTION W/ 105 PCF OBM USING MPD TO WELL TD AT +/- 17379' (200' INTO RAAN MEMBER)

Location: 1121 KM F/DMG,240 KM AFTER RAFHA TO ARAR CITY, TURN RIGHT, 72 KM SKID ROAD

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,735	9 5/8	15214	15214				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16735	118.7 (10/01/2025@1300)	100	0	982	1,121

Formation Tops

Formations	Top Depth	Comments
QUSB	14,110	139' DEEPER
SARH	15,250	71' SHALLOW
QWRH	15,405	9' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0700	2	0	8 3/8	N	DRLG	HT	BHA	CDS	16735	16735			P/U & M/U 8-3/8" SLB TURBINE DRLG BHA WITH 8-3/8" NEW IMPREG HDBS BIT TYPE K703-C (SN SM3730) M842 AND TAQA MWD. - CHECKED EQUIPMENTS,OK.
0700 - 1000	3	0	8 3/8	N	DRLG	HT	BHA	RIG	16735	16735			CONT. P/UP AND RIH W/ NEW 8-3/8" INSPECTED BHA FROM RACK TO 1079', FLUSH AND FILL UP STG. > P/UP NOV DJAR SN # GFJ650-4385207 AT 9:00 AM. > P/UP 15 X 6 1/4" DC AND 15 X 5 1/2' HWDP WHILE RIH.
1000 - 1700	7	0	8 3/8	N	DRLG	TI	STDP	RIG	16735	16735	1076	15214	RIH W/ 8 3/8" SLB TURBINE BHA TO 9 5/8" CASING SHOE - MONITOR WELL THROUGH TRIP TANK,STATIC.
1700 - 1900	2	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	16735	16735			CUMMULATIVE TIME TO FILL UP AND BREAK CIRC. - PERFORMED SHALLOW TEST MWD BELOW THE CSG SHOE. - BOTTOM HOLE STATIC TEPERATURE @ SHOE 224 DEG F.
1900 - 1945	0.75	0	8 3/8	N	DRLG	SDR1	NA	RIG	16735	16735			PREFORMED H2S DRILL
1945 - 2130	1.75	0	8 3/8	N	BOP	BOP	RCD	WUD	16735	16735			HPJSM , N/D MODIFIED B. NIPPLE ,N/U AND INSTALLED WDF BEARING ASSY W/ HT RUBBERS, LAND SAME ON RCD. SECURED WITH CLAMPS.
2130 - 0030	3	0	8 3/8	N	DRLG	RW	BIT	RIG	16735	16735	15214	16735	STRIP IN W/ 8 3/8" TURBINE BHA TO BTM ON ELEVATOR, > HOLE IN GOOD CONDITION.
0030 - 0400	3.5	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	16735	16735			CIRCULATE AND CONDITION MUD WITH 170 GPM (ECD 118 PCF). - MAX TRIP GAS 1.1%.
0400 - 0459	1	0	8 3/8	N	DRLG	CIRC	MPMP	RIG	16735	16735			HPJSM, DISPLACE HOLE TO 105 PCF AS PER WFD MPD PROCEDURES AND PRESSURE STEP CHART. ON GOING AT RT.

Foreman Remarks

QUOR-1 IS A VERTICAL OIL AND GAS EXPLORATORY WELL, PRIMARY TARGETS SHARAWRA, SARAH AND QUWARAH RESERVOIRS
========== PLANNED VS ACTUAL CASING DEPTHS ==========
- 30" CASING: 200 FT / ACTUAL 207 FT / MW 65 PCF SPUD MUD.
- 24" CASING: 633 FT (+/- 300 FT INTO ARUMA) / ACTUAL: 624 FT / MW 65 PCF SPUD MUD.
- 18-5/8" CASING: 2389 FT (+/- 10 TO 50 FT INTO WASIA) / ACTUAL: 2375 FT / MW 65 PCF SPUD MUD.
- 13-3/8" CASING: 9993 FT (+/- 100 FT INTO JAUF) / ACTUAL 9510 FT / MW 75-92 PCF NACL POLYMER MUD.
- 9-5/8" CASING: 14138 FT (+/- 1000 FT INTO QUSB MBR) / ACTUAL 15220 FT / MW 87 PCF OBM.
- 8-3/8" SECTION: 17379 FT (+/- 200 FT INTO RA'AN MBR) / ACTUAL XXXX FT / MW 105 PCF OBM RHELIANT W/ MPD 113 PCF EMW.
---------- ARAMCO PERSONNEL ----------
- ARAMCO FOREMAN RAGAB HAMED #8610630 LEFT LOC ON 01/27/2026.
- ARAMCO RIG CLERK HOSSAIN SARDER IBRAHIM ID #7330199 ON LOC SINCE 08/20/25.
- ARAMCO MATERIAL EXPEDITER NAIF ALJADAANI ID #820788 ON LOC SINCE 01/20/2026.
- ARAMCO FCT IBRAHIM ALHUZAIMI #285102 ON LOC 01/20/2026.
- ARAMCO GEOLOGIST IBRAHIM AL SHAMRANI# 281759 ON LOC SINCE 01/27/26
- ARAMCO MGL TEAM MOHAMMED AL JAROODI#775675, ALI AL FARAJ#782170 SINCE 01/27/26
- ARAMCO PALEONTOLOGIST SOHAIB 743535 & EMAD KHOJANDI 786355 ON LOC SINCE 1/27/26.
- ARAMCO EDD HSE COORDINATOR MUHAMMAD MALIK#8821620 ON LOC SINCE 1/27/26.
----------VISITS----------
- N/A
==========SERVICE PERSONNEL==========
- 2EA X SLB MUD ENGINEER ON LOC 10/01/2025.

LIMITED MORNING REPORT

QUOR-1 EXPLORATION DRILLING BI-3300

09/14/2025 - 07/21/2026

- 1EA X SLB BARITE SILO SPECIALIST ON LOC SINCE 10/01/2025
- GEOSERVICE MUD LOGGING CREW ON LOC SINCE 10/01/2025. RELEASED GEOMECHANIC CREW ON 1/9/26.
- BAKER CEMENT CREW ON LOC SINCE 10/01/2025.
- SLB FRACK STORAGE TANKS ON LOC SINCE 10/01/2025.
- WFD BPL ENGINEER ON LOC SINCE 01/01/26.
- TAQA DIRECTION CREW ON LOC SINCE 01/02/26.
- WFD MPD COMPLETED CREW ON 01/15/26 AT 15:00.
- WDF MPD EQPT COMPLETED AND CERTIFIED ON 1/15/26 AT 23:30 HRS.

==========RENTAL ON LOCATION==========

- REC NOV 6-1/2" HYD DOUBLE ACT JAR SN # GFJ650-4385207 ON 01/22/26, P/U ON 01/27/26 AT 9:00 AM.
- REC NOV 6 1/2" HYD DOUBLE ACT JAR SN # GEJF650-S2566085 ON 01/27/26 AT 11:00 HRS
- REC NOV 6-1/2" HYD DOUBLE ACT JAR SN # GEJF650-S2566085 ON 1/16/26 AT 09:30 AM. B/L ON 1/27/26 AT 11:30 AM
- SLB SILOS OPERATIONAL SINCE 10/06/25 AT 05:30 PM .
- SLB FRAC TANKS OPERATIONAL SINCE 10/06/25 AT 04:30 PM
- CENTRIFUGE OPERATIONAL SINCE 10/18/2025.
- BAKER CEMENT UNIT ON LOCATION SINCE 09/25/2025.
- BAKER 100 BBLS 20 % VDA ON LOC SINCE 10/21/25 AT 12:00 HRS (MIXED ON 10/17/25)

==========ON LOCATION SUPPORT TANKERS==========

> VACUUM TANKERS: DRSS # 3000370758 & 3000372665 FOR THE MONTH OF JAN 2026.
> SPRAY WATER TANKER : DRSS # 3000370762 FOR THE MONTH OF JAN 2026.
> DUMP TRUCK: DRSS # 3000370768 FOR THE MONTH OF JAN 2026.

==========JOURNEY MANAGEMENT=== ==========

CREATE JOURNEY MANAGEMENT PLAN BEFORE LEAVING COMPANY BASE.
* GATE PASS ACCESS FROM 06:00 AM TO 06:00 PM FOR APPROVED PERSONNEL & VEHICLES ONLY.
* ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.
* DISTANCE FROM DHAHRAN TO RIG: 1121 KM F/DMG, 240 KM AFTER RAFHA TO ARAR CITY, TURN RIGHT, 72 KM SKID ROAD
* NO MOBILE COVERAGE ON SKID ROAD FROM 25 KM.

==========NEXT LOCATION==========

NEXT WELL: UMTL-2, READY AS PER WELL SITE. SOME REPAIR JOBS REQUIRED.
WATER WELL: UMTL-801,(700 GPM AT 1800 RPM) 100 % READINESS. UMTL-802 WATER WELL UNDER DRILLING ON GOING.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
105 PCF	1	0API	57	822 Volts	3.75	0	41,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.2HTHP	14	23	0	12 / 17	OBM	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
97	0	38	29	10 / 11	0	0	3.4

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
113 PCF	1	0API	54	604 Volts	3.75	0	38,500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.8HTHP	14	24	0	13 / 19	OBM	0.4
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
93	0	39	32	10 / 11	0	0	3.4

MUD TREATMENT

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RO	WOB	RPM	IADC	Size	Manufactur
14	16,735	16,735	DP Av	DC Av	Bit HHP	N/A	N/A	M842	8.375	SMT
Pressure	**GPM**	**Jet Vel**	N/A	N/A	N/A	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
SM3730	K703C	8 x 16 /	1.571							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	N/A	N/A	N/A	N/A	Shock Sub Serial	Shock Sub Hrs
							0

Mud Motor Seria | Mud Motor Hrs

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
16	Drillpipe	RIG	5.5	1	5.5	4.67	30	1,103.07	XT54	XT54	24.7	146,369.732	CYX105	PREM	
15	Heavy Weight Drillpipe (HWDP)	RIG	5.5	15	5.5	3.875	460.67	1,073.07	VX54	VX54	46.09	145,628.732		CONV	
14	Drillcollar	RIG	6.5	4	6.5	2.813	122	612.4	NC46	NC46	84	124,396.452		SPRL	
13	Hydraulic Jar	NOJ	6.5	1	6.5	2.75	31.1	490.4	NC46	NC46	2,400	114,148.452			6504385207
12	Drillcollar	RIG	6.5	11	6.5	2.813	339	459.3	NC46	NC46	84	39,508.452		SPRL	
11	Crossover	RIG	6.5	1	6.5	2.75	2.65	120.3	NC50	NC46	94	11,032.452			2301128
10	Float Sub	CDS	6.75	1	6.75	2.25	3.76	117.65	NC50	T2	94	10,783.352			1225722911
9	PBL (Multiple Activation By Pass)	WWB	6.75	1	5.5	3	8.88	113.89	NC50	NC50	94	10,429.912			675SBP880
8	Stabilizer	SDM	8.25	1	6.5	2.875	5.9	105.01	NC46	NC46	100	9,595.192			PST4285
7	Float Sub	CDS	6.75	1	6.75	2.25	3.78	99.11	NC50	T2	94	9,005.192			1170114211
6	Filter Sub	SDM	6.75	1	5	2.813	7.84	95.33	NC50	NC50	94	8,649.872			MMD5411810

Username: YUAYANAL
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LIMITED MORNING REPORT

QUOR-1 EXPLORATION DRILLING BI-3300

09/14/2025 - 07/21/2026

أرامكو السعودية
saudi aramco

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
5	Measurement While Drilling (MWD)	CDS	6.75	1	6.75		36.32	87.49			94	7,912.912			751907
4	Stabilizer	SDM	8.25	1	6.5	2.875	6.68	51.17	NC46	NC46	100	4,498.832			DDT17247
3	Float Sub	SDM	6.75	1	6.75	2.25	3.79	44.49	NC50	T2	88.8	3,830.832			1225722915
2	Turbine	NEY	6.625	1	6.625	2.81	39.35	40.7	NC50	4 1/2 REG	88.8	3,494.28			65153-655
1	Bit	SMT	8.375	1	8.375		1.35	1.35				0			SM3730

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/26/2026	01/27/2026	N/A	N/A	COLD	668	SHARING RECENT SAFETY ALERTS

PERSONNEL AND SERVICES INFORMATION

Company	TGC	CDS	RIG	SMI	SNG	WUD	SGR	RIG	ARM	BCM	MI2	SWF	SDM	OTH	ARM	WWB
Category	CTRG	DPDS	RIG	DFMS	SEC	MPD	MLS	OTHR	OTHR	PCS	SCS	SFS	TDS	VAC	WSC	WBCS
No. of Persons	17	2	48	2	20	6	5	18	7	3	2	2	1	2	4	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	0	24	24	12	12	24	24	24	24	12	24	24

Total
140

TRUCKS/BOATS

Standby/Tankers	Others
ARAMCO CAR C359	RIG AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	294	40	3050

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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THRY-561204 EXPLORATION DRILLING BI-1514

01/13/2026 - 02/23/2026

أرامكو السعودية
saudi aramco

SP-93 @ THRY-561204 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-93
Well: THRY-561204
Wellbores: (0) THRY_561204_0

Charge #: (87-25743-8108)
Wellbores: (0) THRY_561204_0

Objective : (TUWAIQ MOUNTAIN SOURCE ROCK RESERVOIR B)

Foreman(s): HIDEB, MOUSTAFA / ZAIME, MOHAMMED
Engineer: ALHAJRI, NORAH MOHAMMED / ALHARBI, SULTAN MOSA
Manager: GARNI, ABDULLAH SALEH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
+882167771 4220	013-576628 9	013-576612 9

Last 24 hr operations
RUN & CEMENT 13 3/8" CSG, N/ D DIVERTER, WELLHEAD WORK. N/U BOP STACK.

Next 24 hr plan
PT BOPE. P/U 12" MOTOR BHA & RIH, TAQA MMOT DRILL 12" SECTION TO CP.

Location: THRY-561204
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
5,050	13 3/8	5038	5038				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
5050	4.2 (01/24/2026@0000)	100	0	119	180

Formation Tops

Formations	Top Depth	Comments
RUS	995	4 FT DEEPER
UMER	1,434	3 FT DEEPER
ARUM	2,633	29 FT DEEPER
LAMS	2,826	33 FT DEEPER
AHMD	4,991	62 FT DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	0	16	N	WH	RTRV	WBSH	RIG	5050	5050			RETRIEVED CIW WEAR BUSHING & JETTED OUT FMH CAVITY IN WELLHEAD. B/O & LAYDOWN JETTING TOOL.
0530 - 0630	1	0	16	N	CSG	HT	PEL	NAC	5050	5050			PJSM, R/D SHORT BAILS, R/U NABORS CRT TOOL & CASING RUNNING EQUIPMENT. R/U LONG BAILS.
0630 - 0730	1	0	16	N	CSG	RCSG	CSTR	NAC	5050	5050	0	206	HOLD PJSM. M/U & RIH 13-3/8" CSG SHOE TRACK. > HALL FLOAT SHOE + 2 JTS CSG + HALL FLOAT COLLAR + 3 JTS CSG. > RIH TOTAL 5 JTS X 13 3/8" CSG, 68 PPF, J/K-55, BTC, COATED > CHECKED FLOATS, THREAD-LOCKED & TACK WELD ALL CONNECTIONS.
0730 - 1330	6	0	16	N	CSG	RCSG	CRT	NAC	5050	5050	206	5050	RIH 13 3/8" CSG, 68 PPF, J/K-55, BTC, COATED CSG. > RIH TOTAL 122 JTS. > KPI: 12 JT/HR, ACTUAL: 19.5 JT/HR.
1330 - 1415	0.75	0	16	N	CSG	SET	FMH	CAM	5050	5050			P/U AND M/U FMH ASSY. LANDED CIW FMH IN WELL HEAD AS PER CIW ENGINEER. > WASHED DOWN TO LANDING DEPTH. > FMH HGR 18 3/4" X 13 3/8", P/N: 2345257-05-02 & S/N: 122230081006.
1415 - 1500	0.75	0	16	N	CSG	CIRC	MPMP	RIG	5050	5050			CIRCULATED HOLE CLEAN PRIOR CEMENT JOB.
1500 - 1530	0.5	0	16	N	CSG	CMC	CSG	SCM	5050	5050			HPJSM. R/U SLB CEMENT HEAD & SURFACE LINES. PRESSURE TESTED SAME TO 3000 PSI.
1530 - 1800	2.5	0	16	N	CSG	CMC	CSG	SCM	5050	5050			PERFORMED 13-3/8" CASING CEMENT JOB AS FOLLOWS: >> RIG PUMPED 100 BBLS / 80 PCF ARAMCO SPACER. >> SLB MIXED & PUMPED 476 BBLS OF 94 PCF LEAD SLURRY & 125 BBLS OF 118 PCF TAIL SLURRY. >> SLB DROPPED TOP WIPER PLUG. >> SLB PUMPED 5 BBLS OF 118 PCF SLURRY & 20 BBLS OF WATER. >> RIG PUMPED 716.6 BBLS OF WATER, SLOWED DOWN TO 4 BPM LAST 16.6 BBLS. >> BUMPED PLUG W/ 500 PSI OVER FCP (1700PSI). HELD PRESSURE FOR 5 MINS. BLED OFF, FLOATS HOLDING. >> FULL RETURNS DURING CMT JOB. RECEIVED 20 BBLS OF CONTAMINATED SPACER WITH MUD & 30 BBLS OF CEMENT AT SURFACE.
1800 - 1830	0.5	0	16	N	CSG	CMC	CSG	SCM	5050	5050			R/D CEMENT HEAD & SURFACE LINES.
1830 - 1900	0.5	0	16	N	CSG	PJSM	CSG	RIG	5050	5050			SHUTDOWN OPERATION & HELD SAFETY STAND-DOWN MEETING WITH THE DAY RIG CREW TO DISCUSS RIG SP-27 INCIDENT, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
1900 - 1930	0.5	0	16	N	WH	OTH	NA	RIG	5050	5050			L/D 13-3/8" LANDING JOINT & CIW RUNNING TOOL.
1930 - 2030	1	0	16	N	CSG	HT	PEL	NAC	5050	5050			R/D NABORS CRT EQUIPMENT & R/U TDS BAILS.
2030 - 2115	0.75	0	16	N	WH	OTH	NA	RIG	5050	5050			RIH W/ CAM JETTING TOOLS, JETTED WH & FMH AS PER CAM ENGINEER, POOH SAME.
2115 - 2215	1	0	16	N	WH	PTST	WH	CAM	5050	5050			PICKED UP AND RAN PACK OFF AS PER CIW INSTRUCTIONS. PRESSURE TESTED TO 5,000 PSI; PULL TESTED TO 5 KLBS. RETRIEVED AND L/D CIW RUNNING TOOL. > 18-3/4" X 13-3/8" PACK-OFF, P/N: 2345252-05-01 & S/N: 122230079006.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

THRY-561204 EXPLORATION DRILLING BI-1514

01/13/2026 - 02/23/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
2215 - 2300	0.75	0	16	N	BOP	ND	BNIP	RIG	5050	5050			HPJSM. NIPPLED DOWN BELL NIPPLE, FLOW LINE & V-DOOR. >> FLUSHED LINES & WELL HEAD WING VALVES W/ CLEAN WATER.
2300 - 0030	1.5	0	16	N	BOP	ND	DVRT	RIG	5050	5050			NIPPLED DOWN 21-1/4" 2M DIVERTER.
0030 - 0115	0.75	0	16	N	WH	NU	WH	CAM	5050	5050			HPJSM, N/U 18-3/4" 5M X 13-5/8" 10M CIW UNI-HEAD. TESTED VOID TO 5000 PSI (OK). TESTED LOWER/MIDDLE/UPPER SEALS TO 5000 PSI (OK).
0115 - 0145	0.5	0	16	N	CSG	PJSM	CSG	RIG	5050	5050			SHUTDOWN OPERATION & HELD SAFETY STAND-DOWN MEETING WITH THE NIGHT RIG CREW TO DISCUSS RIG SP-27 INCIDENT, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
0145 - 0445	3	0	16	N	BOP	NU	BOP	RIG	5050	5050			HPJSM, NIPPLE UP 13-5/8" 10K BOP AND FUNCTION TEST SAME.
0445 - 0459	0.25	0	16	N	BOP	NU	BNIP	RIG	5050	5050			N/U BELL NIPPLE & FLOWLINE-ONGOING.

Foreman Remarks

THRY-561204 IS THE 1ST SLOT ON PAD THRY-5612 TO BE DRILLED BY RIG SP-93 AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RESERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 19 FT. INSIDE TQMA FORMATION AND DRILL TO TD OF 27,404 FT. (MD)/ 10,484 FT. (TVD) WITH A TOTAL LATERAL LENGTH OF 16,250 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION. THE TOTAL PLANNED DURATION FROM SPUD TO RIG RELEASE IS 29.3 DAYS.
========== SAFETY ==========
DRILL: 2 X SWA.
HSE ALERTS: HSE ALERT - 07-26 - CATWALK RAMP LIFTING POINT FAILURE.
========== WELL INFO ==========
PLAN/ACTUAL:
- 18-5/8" CSG @ 1,041'/1,049'
- 13-3/8" CSG @ 4,964'/5,038'
- 9-5/8" CSG @ 7,459'/
- 5-1/2" CSG @ 27,404'/
==========ARAMCO PERSONNEL==========
ARAMCO URDD CLERK GUKAN CHELLAM # 8530980 ON LOCATION SINCE 03/20/2024.
ARAMCO URDD PDP ASIM ALGHAMDI #834831 ON LOCATION SINCE 1/21/2026.
==========RENTAL TOOLS==========
RENRAL TOOLS:

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	5.4API	0	0 Volts	7.67	9.1	140,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	84.5	28	0	10 / 12	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	1	16	15.5	9 / 10	10	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
75 PCF	0	5.3API	0	0 Volts	7.06	9.2	141,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	85	29	0	10 / 13	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	1	15	15	9 / 10	10	200	0

MUD TREATMENT

BENT	BCTRN
1 (2500L)	4 (5GLD)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	N/A	NORMAL	615	2X PRE-TOUR MEETING.

PERSONNEL AND SERVICES INFORMATION

Company	NAC	TGC	CDS	RIG	BAR	RUE	TUB	RIG	ARM	SCM	OTH	SAP	ARM	CAM	SDM	
Category	CSR	CTRG	DPDS	RIG	DFMS	H2S	ISPCT	OTHR	OTHR	PCS	VAC	WTERLNE	WSC	WHES	DPDS	
No. of Persons	3	18	3	61	11	1	4	7	2	3	1	2	2	2	2	Total 122
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Operating Hours.	12	0	0	24	24	24	12	12	12	12	10	24	24	12	24	

LIMITED MORNING REPORT

THRY-561204 EXPLORATION DRILLING BI-1514

01/13/2026 - 02/23/2026

TRUCKS/BOATS	Standby/Tankers					
	5095 AGB - F803					
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	463	436	82	2600
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

HRDH-2420 DEVELOPMENT DRILLING BI-60

12/03/2025 - 02/21/2026

أرامكو السعودية
saudi aramco

SP-96 @ HRDH-2420 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-96
Well: HRDH-2420
Wellbores: (0) HRDH_2420_0

Charge #: (66-24058-2420)
Wellbores: (0) HRDH_2420_0

Objective : (K-2 DESIGN ACROSS UNZA, UNYZ-B/C RESERVOIRS AND MID-QUSAIBA RESERVOIR)

Foreman(s) HUNTER, JERRY JEROME / MARDJI, SOFIANE
Engineer JAMEEL, RIZWAN MUHAMMAD / DHAIFALLAH, ALI MOHAMMED
Manager SHEHRI, ABDULLAH NAEM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 4258	013-576-11 22	013-344816 3-CLINIC

CONTRACTOR /CLERK VSA T: 013-576-82 15

Last 24 hr operations: M/U CMT HEAD & LINES, PERFORM 9-5/8" TIE-BACK CMT JOB, JETTING W.H, INSTALL FMC PACK-OFF, N/D 13-5/8" BOP, INSTALL TBG SPOOL & P/T, N/U 13-5/8" BOP

Next 24 hr plan: CONT. N/U 13-5/8" BOP, PERFORM BOP P/T, SET 11" W.BUSHING, SLIP & CUT DRILLING LINE, M/U & RIH 8-3/8" RTR/MWD BHA

Location: ~30KM SOUTH OF HRDH BRIDGE THEN TURN RIGHT 18.3KM SKID ROAD (RIG IS 21.68 KM SW OF HRDH GAS PLANT).

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,743	9 5/8	12740	12740				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12580	46 (12/13/2025@0500)	100	0	286	286

Formation Tops

Formations	Top Depth	Comments
KFDA	12,518	16' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	12	N	CSG	HT	PEL	RIG	12743	12743			CONT. R/D CRT & CHANGED TDS BALES; R/U SPIDER ELEVATOR. > MONITOR WELL ON TRIP TANKS, OK
0600 - 0700	1	0	12	N	CSG	HT	PEL	RIG	12743	12743			HPJSM, R/U HALL CMT HEAD & CONNECTED SURFACE LINES -OK-
0700 - 0745	0.75	0	12	N	CSG	CIRC	MPMP	RIG	12743	12743			KEPT BLEED-OFF OPEN & PULL BACK 21' TO PLACE MULE SHOE 1 FT ABOVE TBR. > MAINTAIN SLIGHT PRESSURE IN STRING TO INDICATES ONCE THE PORT IS EXPOSED, RE-STABLISH & CHECK CIRC THROUGH CMT HEAD -OK-
0745 - 1300	5.25	0	12	N	CSG	CMC	CSG	HCM	12743	12743			PERFORM 9-5/8" TIE-BACK CMT JOB: RIG PUMPED 150 BBL OF 110 PCF HALL SPACER, DROPPED SLB BTM PLUG, SWITCH TO HALL MIXED & PUMPED 599 BBL (2065 SXS) OF 118 PCF LEAD CEMENT + 73 BBL (261 SXS) OF 120 PCF TAIL CEMENT. DROPPED SLB TOP PLUG. HALL PUMPED 10 BBL OF 120 PCF TAIL CEMENT + 5 BBL WATER + 10 BBL HALL SPACER. RIG DISPLACED WITH 626 BBL OF 96 PCF OBM. HALL BUMPED FINAL PLUG@2000 PSI (500 PSI OVER FINAL CIRC PRESSURE@ 1500 PSI). BLED-OFF -OK- > DUMPED: 120 BBL OF SPACER + 45 BBL OF CONTAMINATED SPACER & MUD+ 50 BBL CONTAMINATED SPACER & CMT + 100 BBL OF PURE CMT.
1300 - 1330	0.5	0	12	N	WH	OTH	NA	RIG	12743	12743			STING-IN & SLACK-OFF 20KLB ON NO-GO, LAND FMH AS PER FMC REP -OK-
1330 - 1530	2	0	12	N	CSG	HT	PEL	NAC	12743	12743			R/D CEMENT HEAD & LINES, RELEASE & PULL FMC FMH RUNNING TOOL, L/D LANDING JOINT WITH RUNNING TOOL.
1530 - 1700	1.5	0	12	N	WH	OTH	NA	RIG	12743	12743			RIH FMC WASH TOOL, TAG TOP OF CSG HANGER ASSEMBLY, WASH & FLUSH AREA, POOH & L/D SAME
1700 - 1930	2.5	0	12	N	WH	OTH	NA	RIG	12743	12743			RIH & ENGAGED FMC PACK OFF SEAL ASSEMBLY, RIH & SET DOWN ON HANGER ASSEMBLY. PRESSURE TEST PACK OFF@7100 PSI FOR 10 MINUTES -OK-, PULL TEST WITH 10K LBS -OK-, RELEASE PACK OFF RUNNING TOOL & L/D SAME. > PACK-OFF (PN: P4000104905 // SN: SF23000606) > CSG MANDREL HANGER (PN: P4000102229 // SN: 8SG-1307006)
1930 - 2000	0.5	0	12	N	BOP	PJSM	BOP	RIG	12743	12743			HPJSM WITH ALL INVOLVED CREW, DISCUSS BOP NIPPLING DOWN OPERATION & RELATED HAZARDS.
2000 - 2130	1.5	0	12	N	BOP	ND	BNIP	RIG	12743	12743			R/D BELL NIPPLE & DISCONNECT FLOW LINE.
2130 - 0100	3.5	0	12	N	BOP	ND	BOP	RIG	12743	12743			N/D 13-5/8" 15M CLASS"A" BOP STACK , SPACER SPOOL & RELATED LINES.
0100 - 0130	0.5	0	12	N	WH	PJSM	NA	RIG	12743	12743			PJSM WITH ALL INVOLVED FOR NU TBG SPOOL. > RECONFIGURE GRATING IN CELLAR.
0130 - 0459	3.5	0	12	N	WH	NU	WH	GEP	12743	12743			N/U BAKER 13-5/8" 10M X 11" 15M TBG SPOOL. ENERGIZE SEALS, TEST VOIDS & BETWEEN SEALS TO 7,100 PSI -OK- > 13-5/8" 10M X11" 15M TBG SPOOL (PN: A313241-1H203 // SN: AT44431721) > 3-1/16" 15M MANUAL GATE VALVES (PN: H130906-1H203 // SN1: AT44431723-01, SN2: AT44431723-02, SN3: AT44431723-03, SN4: AT44431723-04)

Foreman Remarks

HRDH-2420 WILL BE DRILLED AS K-2 GAS-EVALUATION/DELINEATION TARGETING UNZ-A, UNYZ-B/C, MID-QUSAIBA RESERVOIRS. BASED ON MDT RESULTS, THE WELL WILL BE SIDETRACKED AND COMPLETED IN UNYZ-A OR UNYZ-B/C WITH 15K CEMENTED LINER.

==========ARAMCO PERSONNEL ON LOCATION=====
- ARAMCO ME MAHER ALHARTHI #820771, ON LOC 01/21/26

LIMITED MORNING REPORT

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HRDH-2420 DEVELOPMENT DRILLING BI-60

12/03/2025 - 02/21/2026

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- ARAMCO ME OSAMA BAQTYYAN #820791, ON LOC 01/20/26
- ARAMCO PDP MAJED ALESSA ID #810307, ON LOC 01/21/26
- ARAMCO THAMER ALGHAMDI #820954, ON LOC 01/15/26
- ARAMCO FCT DOE&CD AHMED ALHASAN #786664 OFF LOC 01/25/26
- ARAMCO FCT DOE&CD SAAD ALQAHTANI # 796648 ON LOC 01/27/26
- NGGDD FCT HURUBI ABDULAZIZ #824963 OFF LOC 01/22/26
- ARAMCO PDP MUATH ALFAWAZ #836130 OFF LOC 01/25/26

==========RIG VISITS==========
- SP DIVISION 5 SUP SHI YANWEI LEAVE VISIT RIG ON FROM 01/02/26 TO 01/06/26
- SP DIVISION 1 WELL CONTROL TECHNICIAN XIAO FEI VISIT THIS RIG FROM 5/1/26 TO 01/06/26

========== SERVICE ON LOCATION =======
- EMEC MUD ENG ON LOC 08/16/25@10:30
- BAROID MUD ENG ON LOC 01/06/26@12:00
- FMC W.H ENG ON LOC 01/25/2026@10:30
- BAKER W.H ENG ON LOC 01/26/2026@18:00

========== ====HSE==========
DISCUSSED THE HAZARDS RELATED TO CEMENTING OPERATION AND THEIR PREVENTION.
PRECAUTIONS TO BE TAKEN DURING NIPPLE DOWN BOP AND BELL NIPPLE.
SLIP,TRIP N FALL AND HOUSEKEEPING.
ALWAYS MAINTAIN AWARENESS OF YOUR SURROUNDINGS.
CHECK LIFTING TOOLS AND GEARS PRIOR TO THE JOB.
ENFORCE STOP WORK AUTHORITY IF THE CONDITION CHANGES FOR THE JOB.
DAILY HAZARD HUNT OBSERVATIONS.
SHORT SERVICE EMPLOYEES MUST WORK UNDER THE SUPERVISION OF THEIR RESPECTIVE MENTORS
==========
DRILLS: /
=====RENTAL TOOLS/ EQUIPMENT=========
- NAPESCO 6-1/2" HMJ 4"IF SN HMJ-900-0010 ON LOC 01/27/26@18:00
- CORETRAX PBL 7" SN: CC1A1183 ON LOC 01/27/26@20:30
=====VACUUM/SPRAY TRUCKS=====
- VACUUM TANKER#2564 ON LOC 01/26/2026
- VACUUM TANKER#8587 ON LOC 01/27/2026
==========
- NEXT WELL: HRDH-2592 - 100% READY

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	1	0API	61	551 Volts	5.9	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	1.6HTHP	16	14	0	8 / 11	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	30	23	6 / 8	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
96 PCF	1	0API	61.5	510 Volts	6.1	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
100	2HTHP	15	18	0	8 / 11	INOVRT	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
62	0	36	23.5	6 / 8	0	0	0

MUD TREATMENT

CACO3-50	CACO3-25	BDF 513	FACTANT	STELSEALFN	STELSEALFN	LESUPERMUL
220 (55LB)	216 (55LB)	80 (50LB)	4 (50GL)	110 (55LB)	110 (55LB)	8 (50GL)
GELTONE	**CAOH2**					
40 (50LB)	100 (55LB)					

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/22/2026	N/A	N/A	N/A	N/A	747	N/A

PERSONNEL AND SERVICES INFORMATION

Company	TGC	RIG	BAR	EMC	MJH	RIG	ARM	ARM	FME	GEP
Category	CTRG	RIG	DFMS	DFMS	SEC	OTHR	OTHR	WSC	WHES	WHES
No. of Persons	16	57	1	1	7	9	2	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	12	12	12	12	24	7	4

Total
98

TRUCKS/BOATS

Standby/Tankers	Others
truck- F040	1 X AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	280	192	109	450

REPAIR ASAP

Instrumentation	Other	Reporter

LIMITED MORNING REPORT

HRDH-2420 DEVELOPMENT DRILLING BI-60

12/03/2025 - 02/21/2026

Computer, Communication & V-Sat Issues

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SDGM-1371 DEVELOPMENT DRILLING BI-60

01/16/2026 - 04/30/2026

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SP-98 @ SDGM-1371 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-98
Well: SDGM-1371
Wellbores: (0) SDGM_1371_0

Charge #: (66-25054-1371)
Wellbores: (0) SDGM_1371_0

Objective : (PRODUCER WELL WITH K-2 DESIGN, 4-1/2" 15K LOWER COMPLETION, RATCH-LATCH MONOBORE UPPER COMPLETION.)

Foreman(s) SHAMMARY, FARHAN AWWAD / HAJRI, FALEH
Engineer SILALAHI, ANTON RIKKY
Manager SAIARI, WALEED AAMER

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 14198	0135767821	0135767823

Last 24 hr operations
ROTARY DRILL 34" HS.

Next 24 hr plan
ROTARY DRILL 34" HOLE TO CP AT +/- 805 FT. (50FT INTO RUS), CHC, WIPER TRIP, DROP TOTCO, POOH & L/D 34" BHA, RUN & CMT 30" CSG.

Location
96 KM FROM DHAHRAN MAIN GATE

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
485							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
270	1.8 (01/26/2026@0900)	100	215	96	96

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0100	20	0	34	N	DRLG	D	TDS	RIG	270	485			ROTARY DRILL 34" SURFACE HOLE W/ 64 PCF SPUD MUD, 100% CIRC. > DRILL W/ CONTROL PARAMETERS TO MITIGATE CELLAR WASHOUT. > SWEEP HOLE W/ 100 BBLS EVERY 45' DRILLED & SPOT 100 BBLS PRIOR CONNECTION. > HARD FORMATION.
0100 - 0430	3.5	0	34	N	DRLG	HT	BHA	RIG	485	485			CUMULATIVE TIME FOR HANDLING BHA WHILE DRILLING.
0430 - 0459	0.5	0	34	N	DRLG	RR	TDS	RIG	485	485			SERVICE TDS & CHECK FOR POSSIBLE DROPPED OBJECTS.

Foreman Remarks

==========WELL OBJECTIVE==========
SDGM-1371 IS PLANNED TO BE DRILLED AS A DEVIATED PRODUCER WELL WITH K-2 DESIGN, TARGETING JAUF AS A PRIMARY TARGET AND KHFB AND KHFC AS A SECONDARY TARGET.

========ERP========
- THE WELL IS IN A NON-POPULATED AREA.
- LFL @ 140 M, RER 100 PPM @ 469 M & RER 30 PPM @ 957 M.
- H2S IS 3-5% ACROSS KHUFF-B AND KHUFF-C.
- STAGING AREA #1 (1.4 KM ENE): 25.7485574 , 49.4287358.
- STAGING AREA #2 (1 KM SW): 25.736065 , 49.410815.
- STAGING AREA #3 (3.8 KM NE): 25.770801 , 49.440610

======PERSONNEL ON BOARD======
- ARAMCO CLERK ABDULLAH ALSHEHRI #825175 ON LOCATION SINCE 01/21/2026.
- ARAMCO MTERIAL EXPEDITOR MOHAMMED ALKHALDI #8457889 ON LOCATION SINCE 01/21/2026.
- ARAMCO FIELD SUPT - PATRICK OBIORA# 169251 ON LOCATION SINCE 1/20/2026.

======JOURNEY MANAGEMENT======
- THE RIG IS 1.5 KM SKID ROAD FROM THE BLACK TOP, NIGHT DRIVING IS PROHIBITED. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.

=====CSG SETTING DEPTHS======
- 36" CSG @ 120' / ACTUAL: .
- 30" CSG @ 805' (50' TVD INTO RUS FM) / ACTUAL:
- 24" CSG @ 2,790' (50' TVD INTO AHMADI MBR) / ACTUAL:
- 18-5/8" CSG @ 4,486' (350 FT. TVD INTO BIYADH) / ACTUAL:
- 13-3/8" CSG @ 10,690' (30' TVD INTO BJDM) / ACTUAL:
- 9-5/8" LINER @ 12,361' (10' TVD INTO KHFF) / ACTUAL:
- 7" LINER @ 14,369' (450 FT TVD INTO KFDA) / ACTUAL:
- 4-1/2" LINER @ 15,572' (150 FT. INSIDE TWLF) / ACTUAL:

======FLAT TIME KPI======
- TRIPPING SPEED KPI: 19 STDS/HR,
- 30" CSG: 2.9 JTS/HR, ACTUAL:
- 24" CSG: 4 JTS/HR, ACTUAL:
- 18-5/8" CSG: 7 JTS/HR, ACTUAL:
- 13-3/8" CSG: 11.5 JTS/HR, ACTUAL:
- 9-5/8" CSG: 14 JTS/HR, ACTUAL:
- 7" LINER: 14 JT/HR , ACTUAL:
- 4-1/2" LINER: 13 JT/HR , ACTUAL:
- 4-1/2" UPPER COMPLETION: JT/HR, ACTUAL:

** WELLHEAD KPI'S:
- INSTALL 24" SOW X 26-3/4" 3M CHH KPI: 6.5 HR / ACTUAL:
- INSTALL 26-3/4" 3M X 18-5/8" 5M CHS KPI: 5 HR / ACTUAL:
- INSTALL 18-3/4" 5M X 13-5/8" 10M CHS KPI: 4 HR / ACTUAL:
- INSTALL 13-5/8 10M X 11" 10M TBG SPL KPI: 4 HR / ACTUAL:

LIMITED MORNING REPORT

SDGM-1371 DEVELOPMENT DRILLING BI-60

01/16/2026 - 04/30/2026

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==========SAFETY==========
- PRE TOUR SAFETY MEETINGS : (02), RIG MOVE MEETIN : (00)
- COLD PTW: (01), HOT PTW: (00), CONFINED SPACE: (00), DIESEL TRANSFER: (00), LIFTING : (00), THIRD PARTY : (02), ELECTRIC : (00) , JSA: (09)
- STOP CARDS: (28)
- NM / INCD: (00)
- DRILLS: (01): OPEN PIT RESCUE DRILL 01.

====== STANDALONE GAS MONITOR AS PER ERP ======
- PLACED 4 X RAWABI UNITED ENTERPRISES STAND ALONE H2S SENSORS FROM 01/25/2026.
1- BETWEEN SP-98 & SDGM-447.
2- BETWEEN SP-98 MAIN CAMP & SDGM-447.
3- BETWEEN SP-98 MUSTER POINT#1 & SDGM-447.
4- BETWEEN SP-98 MINI CAMP & SDGM-447.
======AUDITS======
- N/A

=====RENTAL TOOLS ON LOCATION=====
- RECEIVED OILSERV 12" SHOCK SUB (S/N: ST-1200-0072 / DRSS#3000375516) RECIEVED ON 01/23/2026 @ 10:00 HRS.

========WATER SPRAY & VACUUM TANKERS========
-4X VACUUM TANKER ALMADEED DRSS#3000375146 2741 XRA 3126 ADA 2769 XRA 3021 HJA
-4X VACUUM TANKER ALMADEED DRSS#3000377157 3708 RSA 8695 JDA 5876 JSA 4808 KRA
-1X ALMADEED WATER TANKER 7060 LRA DRSS# 3000365647 1/25/2026

=========WATER CONSERVATION IMPLEMENTED INITIATIVES=======
- REDUCED WATER PITS: Y.
- DIRECT WATER LINE-UP TO MUD WATER TANK SYSTEMS: Y.
- CLS-CUTTINGS DRYER SYSTEM IMPLEMENTATION: Y.

========NEXT WELLS=======
- N/A.

========ANNULAR PREVENTER=======
> ANNULAR PREVENTER; SLB (CAMERON): N/A
> PACKING ELEMENT;SLB (CAMERON): N/A

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	9API	0	0 Volts	5.9	10.5	600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
70	0HTHP	94	34	0	16 / 30	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
68	2	21	6	13 / 18	25	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
64 PCF	0	8API	0	0 Volts	5.9	10.5	600
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
60	0HTHP	94	32	0	15 / 29	SPUD	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	2	20	6	13 / 16	25	0	0

MUD TREATMENT

CAUST
5 (55LB)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
1RR	0	485	DP Av	DC Av	Bit HHP	40	80	135	34	SMT
Pressure	**GPM**	**Jet Vel**	10.45	11.04	37	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
200	480	131				N/A	N/A	N/A	N/A	N/A
Serial Numl	**Type**	**Jets**	**TFA**							
RV1137	MSDGHC	6 x 16 /	1.178							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	20	140	140	140	11,000	Shock Sub Serial	Shock Sub Hrs
							0
Mud Motor Seria	**Mud Motor Hrs**						

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
10	Drillpipe	RIG	5.5	1	5.5	4.67	1	722.04	XT54	XT54	24.7	129,105.09	XD105	PREM	ON FILE
9	Heavy Weight Drillpipe (HWDP)	RIG	5.5	16	5.5	3.25	492.11	721.04	XT54	XT54	54	129,080.39		CONV	ON FILE
8	Crossover	RIG	9.5	1	9.5	3	4	228.93	XT54	7 5/8 REG	220	102,506.45			ON FILE
7	Drillcollar	RIG	9.5	5	9.5	3	152.65	224.93	7 5/8 REG	7 5/8 REG	217	101,626.45		SPRL	ON FILE
6	Roller Reamer	ARM	34	1	9.5	3	8.15	72.28	7 5/8 REG	7 5/8 REG	576	68,501.4		3 POINT	802096

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01/16/2026 - 04/30/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
5	Drillcollar	RIG	9.5	1	9.5	2.813	30.78	64.13	7 5/8 REG	7 5/8 REG	220	63,807		SPRL	ON FILE
4	Roller Reamer	ARM	34	1	9.5	3	8.3	33.35	7 5/8 REG	7 5/8 REG	576	57,035.4		3 POINT	801069
3	Shock Sub	OJR	12	1	12	3	11.9	25.05	7 5/8 REG	7 5/8 REG	3,900	52,254.6			ST1200-0072
2	Near Bit Roller Reamer	ARM	34	1	34	3	10.2	13.15	7 5/8 REG	7 5/8 REG	573	5,844.6		3 POINT	801121
1	Bit	SMT	34	1	34		2.95	2.95	7-5/8" REG			0			RV1137

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	WINDY	N/A	COLD	658	2 EA PRE-TOUR SAFETY MEETINGS

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	OES	RUE	PW	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	H2S	ISPCT	OTHR	OTHR	WSC
No. of Persons	15	57	2	1	4	17	3	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	12	24	12	24

Total
101

TRUCKS/BOATS

Standby/Tankers	Others	Others
B-958	DH-5064	RIG AMBULANCE

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	367	189	14	2250

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

HZEM-612204 EXPLORATION DRILLING BI-1514

12/21/2025 - 02/04/2026

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SP-99 @ HZEM-612204 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: SP-99
Well: HZEM-612204
Wellbores: (0) HZEM_612204_0

Charge #: (87-25541-7988)
Wellbores: (0) HZEM_612204_0

Objective : (HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TQMB)

Foreman(s): FAHMY, MOHAMED ALAAELDIN / MOKHNACHI, CHEMS EDDINE
Engineer: ABDULRAHMAN, FAISAL NAJEEB
Manager: GARNI, ABDULLAH SALEH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
+882167771 4221	+966 (0) 1 35766748	+966 (0) 1 35766462

Last 24 hr operations
RUN 5.5" LS COMPLETION.

Next 24 hr plan
RUN 5.5" LS COMPLETION, LAND HGR, PERFORM S/L DRIFT RUN, R/U CMT HEAD, BREAK AIRGLIDE DISC, CHC, PERFORM CMT JOB, INSTALL PACK-OFF, N/D BOP STACK. N/U BONNET.

Location
66KM F/DMG, F/HOFUF 68KM ON SALWA RD, TURN RIGHT FOR 33KM ON B/T, TURN LEFT FOR 31 KM ON SKID RD.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
27,500	9 5/8	7213	7213				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
27500	27.5 (12/31/2025@1630)	100	0	174	295

Formation Tops

Formations	Top Depth	Comments
MDTM	7,148	- 75 FT
SULY	7,626	- 45 FT
HITH	8,171	- 60 FT
ABAR	8,651	- 58 FT
ABBR	8,750	- 59 FT
ABCR	8,861	- 62 FT
ABDR	8,994	-13 FT
JUBL	9,166	-3 FT
JBSR	10,032	-19 FT
HNIF	10,272	-17 FT
HNFA	10,318	-16 FT
HNFB	10,381	-11 FT
HNFC	10,523	-10 FT
HNFD	10,616	-11 FT
TQMA	10,687	-10 FT
TQMB	12,188	-2 FT

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1715	12.25	0	EOW	C	COMP	RPCS	CRT	SPR	27500	27500	17442	22771	RIH W/ 5-1/2" LONG COMPLETION USING POWER TONG & JAM UNIT. > TOTAL RIH: 443/443 JTS X (CSG 5 1/2", 26#, AM-HBC-H, P110). > TOTAL RIH: 112/226 JTS X (CSG 5 1/2", 26#, TN-95-HS, TB). > TOTAL IN WELL: 555/669 JTS. > FILL UP CASING ABOVE AIR GLIDE. > KPI 14 JTS/HR, ACTUAL 7.5 JTS/HR. > INCREASE IN DRAG WHILE RUNNING. > MONITOR WELL ON TT.
1715 - 1845	1.5	0	EOW	C	COMP	RPCS	CRT	SPR	27500	27500	22771	23050	RAN 7 JTS WITH ROTATION 5-1/2" LONG COMPLETION STRING USING POWER TONG & JAM UNIT IN OPEN HOLE. > TOTAL RIH: 443/443 JTS X (CSG 5 1/2", 26#, AM-HBC-H, P110). > TOTAL RIH: 119/226 JTS X (CSG 5 1/2", 26#, TN-95-HS, TB). > TOTAL IN WELL: 562/669 JTS. > FILL UP CASING ABOVE AIR GLIDE. > INCREASE IN DRAG WHILE RUNNING. > MONITOR WELL ON TT.
1845 - 1915	0.5	0	EOW	C	CSG	PJSM	CSG	RIG	27500	27500			SHUTDOWN OPERATION & HELD SAFETY STAND-DOWN MEETING WITH THE DAY RIG CREW TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
1915 - 0000	4.75	0	EOW	C	COMP	RPCS	CRT	SPR	27500	27500	23050	25027	RAN TOTAL 52 JTS WITH ROTATION 5-1/2" LONG COMPLETION STRING USING POWER TONG & JAM UNIT IN OPEN HOLE. > TOTAL RIH: 443/443 JTS X (CSG 5 1/2", 26#, AM-HBC-H, P110). > TOTAL RIH: 168/226 JTS X (CSG 5 1/2", 26#, TN-95-HS, TB). > TOTAL IN WELL: 611/669 JTS. > KPI 14 JTS/HR, ACTUAL 11.1 JTS/HR. > FILL UP CASING ABOVE AIR GLIDE. > INCREASE IN DRAG WHILE RUNNING. > MONITOR WELL ON TT.
0000 - 0030	0.5	0	EOW	C	CSG	PJSM	CSG	RIG	27500	27500			SHUTDOWN OPERATION & HELD SAFETY STAND-DOWN MEETING WITH THE NIGHT RIG CREW TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
0030 - 0459	4.5	0	EOW	C	COMP	RPCS	CRT	SPR	27500	27500	25027	26812	RAN TOTAL 100 JTS WITH ROTATION 5-1/2" LONG COMPLETION STRING USING POWER TONG & JAM UNIT IN OPEN HOLE. > TOTAL RIH: 443/443 JTS X (CSG 5 1/2", 26#, AM-HBC-H, P110).

LIMITED MORNING REPORT

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12/21/2025 - 02/04/2026

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(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													> TOTAL RIH: 212/226 JTS X (CSG 5 1/2", 26#, TN-95-HS, TB). > TOTAL IN WELL: 655/669 JTS. > KPI 14 JTS/HR, ACTUAL 10.7 JTS/HR. > FILL UP CASING ABOVE AIR GLIDE. > INCREASE IN DRAG WHILE RUNNING. > MONITOR WELL ON TT.

Foreman Remarks

HZEM-612204 IS THE 1ST SLOT ON HZEM-6122 PAD TO BE DRILLED AS A HORIZONTAL DEVELOPMENT TIGHT GAS WELL TARGETING TUWAIQ MOUNTAIN SOURCE ROCKS RERSERVOIR B (TQMB) BELOW THE HIGH GR ZONE. THE WELL IS PLANNED TO LAND AT +/- 12 FT INSIDE TQMA FORMATION AND DRILL TO TD OF 27,538 FT (MD) / 10,248' FT (TVD) WITH A TOTAL LATERAL LENGTH OF +/- 16,678 FT AT 347 DEGREE AZIMUTH. THE WELL WILL BE COMPLETED WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION.
==========SAFETY==========
ERP: NONE
DRILLS: NONE
NM: NEAR MISS : NONE
SAFETY ALERT: HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED
==========WELL INFO==========
PLAN/ACTUAL:
> 24" CASING @ 599' / 622'
> 18 5/8" CASING @ 915' / 880'
> 13 3/8" CASING @ 4,537' / 4575'
> 9 5/8" CASING @ 7,263' / 7213'
> 5-1/2" TUBING @ 27,500' MD /
==========ARAMCO PERSONNEL==========
> ARAMCO CLERK CHANDI SANWA ID# 8038324 ON LOCATION SINCE 3/11/2025.
> ARAMCO MATERIAL EXPEDITOR AHMED ALSHAMRANI ID# 7317965 ON LOCATION SINCE 01/19/2026.
> ARAMCO DRILLING ENGINEER ABDULRAHMAN, FAISAL NAJEEB ID# 817156 ON LOCATION SINCE 01/26/2026 AT 15:00.
==========RENTAL TOOLS==========

==========OTHER==========
> FOREMAN PERFORMED DAILY COMMUNICATION WITH SP-30 AND SP-29 AS PER ERP REQUIREMENTS.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	27,500	90	348	0	10,214	5205.59	-1065.39	17,432.73	0.41

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	2	0API	59.5	630 Volts	11.2	0	305,897.9
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	7.4HTHP	12	18	0	12 / 15	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	25	28.5	10 / 12	0	15,600	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	2	0API	59.75	630 Volts	11.18	0	307,359.32
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	7.6HTHP	11.75	18	0	12 / 15	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
56	0	25	28.5	10 / 12	0	15,400	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
102 PCF	2	0API	59.75	610 Volts	11.18	0	307,359.3
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	7.6HTHP	11.75	19	0	13 / 16	OBM	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
57	0	26	28.5	11 / 12	0	15,400	0

MUD TREATMENT

KDP-82
4 (5GLD)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/21/2026	N/A	NORMAL	N/A	SEASONAL	600	2 X PRE-TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	INW	SPR	TGC	SPS	RIG	BAR	BFL	SNS	RIG	ARM	HCM	GD1	OTH	SAP	ARM	FME	HTD
Category	BRCR	CSR	CTRG	DPDS	RIG	DFMS	FILT	H2S	OTHR	OTHR	PCS	SLS	VAC	DHPMP	WSC	WHES	WHSS
No. of Persons	1	8	15	1	58	10	2	1	9	2	7	3	1	2	3	2	4
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

Total 129

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	Operating Hours.	12	24	0	12	24	24	12	12	12	12	12	12	12	12	24	12	12
TRUCKS/BOATS	Standby/Tankers																	
	N/A																	
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX												
	N/A	N/A	633	231	84	5050												
REPAIR ASAP	Instrumentation	Other																Reporter
	Computer, Communication & V-Sat Issues																	

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QTIF-751 DEVELOPMENT DRILLING BI-60

01/27/2026 - 04/11/2026

T-102 @ QTIF-751 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-102
Well: QTIF-751
Wellbores: (0) QTIF_751_0

Charge #: (66-25012-0751)
Wellbores: (0) QTIF_751_0

Objective : (OPEN HOLE SINGLE-LATERAL POWER WATER INJECTOR TARGETING ARAB-A RESERVOIR)

Foreman(s): SADAAN, SALEH IBRAHIM / ZAZOUA, FERHAT
Engineer: ALNAHDI, FAISAL MUBARAK
Manager: ELDEEB, TAREK ABD ALLA

THURAYA	RIG FORMAN VSAT	FAX VSAT
+882167771 1056	673-6493	N/A

CONTRACTOR /CLERK VSA T: 673-7402

Last 24 hr operations: RIG DOWN ON QTIF-545, RIG MOVE & RIG UP ON QTIF-751 @ N8-C. (SAME DRILL SITE)

Next 24 hr plan: RIG DOWN ON QTIF-545, RIG MOVE & RIG UP ON QTIF-751 @ N8-C. (SAME DRILL SITE)

Location: N8-C

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	35	35

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	PRE	N	RM	PJSM	NA	RIG	0	0			HPJSM, WITH RIG CREW & ALL PERSONNEL INVOLVED IN R/D, RIG MOVE & R/U OPERATIONS FOR SAFE WORK PRACTICES, DISCUSSED THE FOLLOWING: * HAZARDS POTENTIAL & CONCERNED SAFETY ISSUES DURING R/D, LIFTING & MOVING OPERATIONS. * PROPER WAY OF LIFTING, WORK AT HEIGHT & USE THE CORRECT EQUIPMENT, SLINGS CERTIFIED AND COLOR CODED. * WORK PERMIT FOR EACH HEAVY LIFTING, ELECTRICAL & SIMILAR OPERATION. * STOP WORK AUTHORITY, HAND & FINGURE INJURY, PPE & HOUSEKEEPING. * PRECAUTIONS WHILE WORKING AT HEIGHTS. * HEAVY TRUCKS MOVEMENT CONTROL. * GOOD SUPERVISION ALL THE TIME FROM KEY PERSONNEL. * CRITICAL LIFT PLAN, PTW & JSA. * ASSIGN TASKS & RESPONSIBILITIES. * ENFORCE SAFE WORK & SWA.
0600 - 0459	23	0	PRE	N	RM	RM	NA	RIG	0	0			---------- GENERAL RIG DOWN OPEERATIONS IN QTIF-545 (DRILL SITE N8-C) ---------- * R/D: 80% - * R/M: 25% - * R/U: 15% - GENERAL RIG DOWN ON QTIF-545. - MOVE & SET CEMENT & KILL TANKS. - MOVE & RIG UP MUD SYSTEM. - IN PROGRESS - - MOVE MUD PUMPS. - IN PROGRESS - - PREPARE MAST FOR BUGGY MOVE. - DISCONNECT FLARE LINE. ** SUSPEND MOVE, CRITICAL & TANDEM LIFTS AT NIGHT. ----------RIG MOVE LOADS ---------- * RIG MOVE DISTANCE FROM WELL QTIF-545 (N8-C) TO QTIF-751 (N8-C): 150 M. * DAILY LOADS/CUMULATIVE LOADS: 14/14 LOADS, ESTIMATED TOTAL LOADS: 60 LOADS. * RIG MOVE PERSONNEL : 2 X CERTIFIED RIGGER-I, 2 X TRUCK PUSHER & 1 X HSE OFFICER. * RIG MOVE EQUIP: 4 X CRANES, 9 X LOW BED TRUCKS & 1 X FORKLIFT. - - RIG RELEASED FROM QTIF-545 ON 26 JANUARY 2026 @ 17:00. - DAYS SINCE RIG RELEASE: 1.50 DAY/3.25 DAY. - EXPECT SPUD DATE ON 1 FEB 2026.

Foreman Remarks

QTIF-751 WILL BE DRILLED AND COMPLETED IN DRILL SITE N8-C AS AN OPEN HOLE SINGLE-LATERAL POWER WATER INJECTOR TARGETING ARAB-A RESERVOIR TO TD (14,816 FT MD/ 6,989 FT TVD). THE WELL WILL BE COMPLETED WITH 4-1/2" TUBING & 7" PACKER.
========== ========== HOLE SECTIONS ==========
- 34" HOLE & 30" CONDUCTOR @ 120' MD/TVD.
- 28" HOLE & 24" CSG @ 375' MD/TVD.
- 22" HOLE & 18-5/8" CSG @ 1018' MD/TVD (50' INSIDE RUS).
- 17" HOLE & 13-3/8" CSG @ 2785' MD/2,763' TVD (100' TVD INSIDE LAMS).
- 12-1/4" HOLE & 9-5/8" CSG @ 5966' MD/5708' TVD (300' TVD INSIDE BIYADH)
- 8-1/2" HOLE & 7" LINER @ 9820' MD/6975' TVD (ARAB A RESERVOIR).
- 6-1/8" HOLE TD @ 14816'MD/6989' TVD (ARAB A RESERVOIR).

========== NEXT WELL==========
- QTIF-322. DIFFERENT SITE.
- WELL CHARGE: YES.
- WATER WELL: QTIF-928.
- APPROVED ERP FOR NEXT WELL: NO.
- APPROVED PROGRAM FOR NEXT WELL: NO.
- LOCATION READINESS OF NEXT WELL: 50%.
==========ERP EQUIPMENT==========

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01/27/2026 - 04/11/2026

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- H2S: 0%.; GOR: 0 SCF/STB, 100 PPM: 0 M, 30 PPM: 0 M, 1/2 LFL: 60 M.
- RELIEF WELL QTIF-763 & QTIF-8.
- DAILY ECC RADIO CHECK WITH DH-ECC.
- EMERGENCY BUS OF 60 PERSON IS READY FOR EVACUATION.

==========EXISTING WELLS IN DRILL SITE ==========

- NONE.

==========SAFETY ==========

- SAFETY CAMPAIGNS: HEALTH AWARENESS & H&P LIFE BELTS CAMPAIGN.
- INCIDENT ID: NONE.
- SAFETY DRILLS: NONE.

==========ARAMCO PERSONNEL ON LOCATION==========

- MOHAMMED AL-AJMI# 8494027 ME ON LOCATION SINCE 1/26/2026.

==========SERVICE PERSONNEL & RENTAL EQUIP==========

==========RENTAL TOOLS & OTHERS==========

- 1X SPRAY TANKER ON LOCATION.
- 1X 1-CM BACKHOE ON LOCATION.
- 3X VACUUM TANKERS ON LOCATION.

==========DIRECTIONAL==========

==========DRILLING MUD RECYCLING==========

==========ARAMCO VEHICLE ==========

- ARAMCO CAR DOOR NUMBER B877, LAST SERVICE ON 12/7/2025.

==========RIG VISIT==========

- NONE.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	1,225	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	BAR	MJH	RUE	RIG	RIG	ARM	OTH	ARM
Category	CTRG	RIG	DFMS	SEC	H2S	MED	OTHR	OTHR	VAC	WSC
No. of Persons	16	40	1	8	1	1	12	1	6	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	12	12	12	12	12	12	12	24

Total
88

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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MZLJ-291401 EXPLORATION DRILLING BI-1514

12/28/2025 - 04/11/2026

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T-514 @ MZLJ-291401 Limited Morning Report for 01/28/2026

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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig
T-514

Well
MZLJ-291401

Wellbores:
(0) MZLJ_291401_0

Charge #:
(87-25086-4278)

Wellbores:
(0) MZLJ_291401_0

Objective : (GAS-PRODUCER WELL)

Foreman(s) DAFAALLA, ANAS HASHIM / MOKDAD, MOHAMED
Engineer ALDOSSARY, MOHAMMED ADNAN
Manager ALJABRI, SAMEH SALEM

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
8821677712 970	5773516	5773542

CONTRACTOR /CLERK VSAT
8078355

Last 24 hr operations
TOH TO CSG SHOE, WAIT FOR LCM PILL TO SOAK, TIH W/ 12" ROTARY DRILLING BHA TO BTM, RESUME DRILLING 12" HOLE SECTION.

Next 24 hr plan
RTRY DRILL 12" HOLE SECTIOM TOWARDS CSG POINT @ +/- 9,226'.

Location
MZLJ-291401 WELL IS LOCATED AT 390 KM F/ DHAHRAN MAIN GATE.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,672	13 3/8	2172	2172				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7901	15 (01/13/2026@0500)	0	771	303	390

Formation Tops

Formations	Top Depth	Comments
LAMS	515	52' SHALLOWER
WASI	826	16' SHALLOWER
AHMD	938	3' SHALLOWER
SFNY	1,048	4' DEEPER
SHUB	1,705	37' SHALLOWER
BYDH	1,860	28' SHALLOWER
BUWB	2,962	33' DEPPER
MDTM	3,097	07' DEEPER
SULY	3,547	20' DEEPER
HITH	4,110	19' DEEPER
ABAR	4,550	48' DEEPER
ABBR	4,667	46' DEEPER
ABCR	4,829	32' DEEPER
ARBD	4,921	20' DEEPER
ABDR	5,054	28' DEEPER
HNIF	5,541	20' DEEPER
TQMN	5,944	06' DEEPER
DHRM	6,327	00' DEEPER
LFDR	6,675	8' SHALLOWER
HURN	7,404	2 DEEPER
MRRT	7,758	29' DEEPER
MNJR	7,939	04' SHALLOWER
JILH	8,630	14' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0645	1.75	0	12	N	DRLG	TO	STDP	RIG	7901	7901	4000	2172	TRIP OUT OF OPEN HOLE W/ 12" ROTARY DRILLING BHA TO CSG SHOE. - FILL UP HOLE FROM TRIP TANK.
0645 - 0845	2	0	12	N	DRLG	WO	NA	RIG	7901	7901			WAIT ON LCM PIL TO SOAK @13-3/8 CSG SHOE.
0845 - 1400	5.25	0	12	N	DRLG	TI	STDP	RIG	7901	7901	2172	4500	TRIP IN OF OPEN HOLE W/12" ROTARY DRILLING BHA ON 5-1/2'' DP. - WASH DOWN LCM PILL ZONE TO AVOID NOZZLE PLUG.
1400 - 0459	15	0	12	N	DRLG	D	TDS	RIG	7901	8672			ROTARY DRILL 12" HOLE W/ 82-83 PCF OBM & 95 % CIRCULATION. - WOB: 40-50 KLBS, RPM: 120-150 @ 15-16 KFT.LBS, FR: 650-750 GPM, SPP: 2200 PSI, AVG ROP: 51.5 FPH. - PUMP HI-VIS AS REQUIRED. - LOAD MUD SYSTEM W/ 40-60 PPB BRIDGING MATERIALS. - PUMP LCM SEALING PILL 50 BBL /STAND.

Foreman Remarks

========== WELL OBJECTIVE ==========
MZLJ-291401 IS PROPOSED AS HORIZONTAL GAS-PRODUCER WELL (SINGLE LATERAL - 5,000 FT).
========== JOURNEY MANAGEMENT==========
RIG LOCATION: 390 KM F/ DHAHRAN MAIN GATE, FROM HARADH TRIANGLE DRIVE TOWARD AL KHARJ, TURN RIGHT THROUGH ALKHORAYS ARAMCO ROAD, FOLLOW HP T-514 RIG SIGNS TO LOCATION.
JOURNEY PRECAUTIONS:
> CALL T-514 CLERK OFFICE AT 0135773542 OR ARAMCO FOREMAN OFFICE AT 0135773516 PRIOR TO TURNING OFF MAIN BLACKTOP.
> PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF - VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL.
> NIGHT DRIVING BY 3RD PARTY PERSONNEL IS NOT RECOMMENDED.
========== ARAMCO PERSONNEL==========
> ARAMCO RIG CLERK MOHAMMED FARAZ AHMED #8162130 ON LOCATION SINCE 12/23/2025.
> ARAMCO MATERIAL EXPEDITOR, ALABED MOHAMMED, BADGE # 8506107 ON LOCATION SINCE 01/14/2026.
> ARAMCO SR-FCT HASSAN ALESSA, BADGE # 291237 ON LOCATION SINCE 01/15/2026.
> ARAMCO MATERIAL EXPEDITOR HOSSAIN ALSULTAN #7312914 ON LOCATION SINCE 01/16/2026
========== DAILY SAFETY REPORT==========
> JSA REVISED: 01 JSA REVIEWED: 15, PTW: 15, LOTO: 01, TOTAL SOC: 90 DAYS W/O LTI: 882 DAYS, DAYS W/O MTC: 570 DAYS.
> DRILLS: 00.

LIMITED MORNING REPORT

MZLJ-291401 EXPLORATION DRILLING BI-1514

12/28/2025 - 04/11/2026

> NEAR MISS : 00.
> HSE ALERT DISCUSSED: HSE ALERT - 07-26 - CATWALK RAMP LIFTING POINT FAILURE.
> LAST 3 IN-HOUSE AUDITS: LAST AUDIT ON 23 JAN 2026- TOTAL FINDINGS: 157, CLOSED: 131, OPEN: 27 - (0 X P1), (20 X P2), (3X P3).
> RHSEI ON 19 JAN 2025 - TOTAL FINDINGS: 49, CLOSED: 49, OPEN: 0.
> WCEI ON 19 JAN 2025 - TOTAL FINDINGS: 07, CLOSED: 07, OPEN: 0.

==========MUD LOGGING DATA==========

NONE.

========== WELL INFO ==========

> 28" HOLE SECTION, 24"CASING @ 120 FT.
> 22" HOLE SECTION, 18-5/8"CASING @ 983 FT (50 FT INTO AHMADI MEMBER).
> 17" HOLE SECTION, 13-3/8"CASING @ 2172 FT (312 FT INTO BIYADH FORMATION).

==========WELLSITE RENTAL EQUIPMENT==========

> NOV 9-1/2" HYD MECHANICAL DJ S/N:336-81069 ON LOCATION SINSE JAN /22/2025.

==========WATER WELLS==========

WATER SERVICES INCLUDING PUMPS AND FLEXIBLE HOSES PROVIDED BY UR D&WO SERVICES FROM WATER WELL MZLJ-825 & MZLJ-826.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	62	688 Volts	6.73	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.2HTHP	16	19	0.1	11 / 15	OBM	4.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	0	17	22	8 / 9	0	0	1.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
82 PCF	1	0API	61	542 Volts	6.06	0	0
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	3.4HTHP	19	19	0.1	9 / 14	OBM	4.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	0	15	20	7 / 8	0	0	1.6

MUD TREATMENT

CACO3-50	MRBL-F	BAROFIBER	MRBL-M	CAOH2	CARBOTROL	SEC-EMULS
75 (55LB)	4 (2200L)	80 (25LB)	18 (2200L)	160 (55LB)	200 (25KG)	3 (55GL)
S-PMUL	**MARBLE-CRSE**	**STELSL50**	**POROSEAL**	**STELSEALFN**	**MRBL-CH**	**NUTPLUG**
2 (55GL)	3 (2200L)	120 (55LB)	4 (55GL)	120 (55LB)	2 (55LB)	38 (55LB)
OMNI-CTE	**MICA-CRSE**	**S-SEAL C**	**S-SEAL M**	**ARC-FIBER-M**	**CACO3-25**	
2 (55GL)	80 (55LB)	80 (55LB)	80 (55LB)	114 (25LB)	75 (25KG)	

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
4	2,176	8,672	DP Av	DC Av	Bit HHP	50	150	M423	12	SMT
Pressure	**GPM**	**Jet Vel**	156.22	247.66	164	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
2,200	725	198				N/A	N/A	N/A	N/A	N/A
Serial Num	**Type**	**Jets**	**TFA**							
SA01596	XS616C	6 x 16 /	1.178							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	70	290	335	330	16		24.2
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
15	Drillpipe	RIG	5.5	1	5.5	4.67	0	1,037.01	XT54	XT54	24.7	109,189.837	CYX105	PREM	ON FILE
14	Heavy Weight Drillpipe (HWDP)	RIG	5.5	9	5.5	3.25	274.85	1,037.01	XT54	XT54	52	109,189.837		CONV	ON FILE
13	Crossover	RIG	8	1	8	2.813	2.31	762.16	6 5/8 FH	XT54	54	94,897.637			RIG
12	Heavy Weight Drillpipe (HWDP)	RIG	6.625	6	6.625	4	183.23	759.85	6 5/8 FH	6 5/8 FH	82.748	94,772.897		CONV	ON FILE
11	Crossover	RIG	8.5	1	8.5	2.813	2.55	576.62	6 5/8 REG	6 5/8 FH	135	79,610.98			RIG
10	Drillcollar	RIG	8.5	2	8.5	2.813	60.09	574.07	6 5/8 REG	6 5/8 REG	142	79,266.73		SPRL	ON FILE
9	Hydro-Mechanical Jar	NOJ	8	1	8		28.23	513.98			142	70,733.95			336-81069
8	Drillcollar	RIG	8.5	13	8.5	2.813	391.69	485.75	6 5/8 REG	6 5/8 REG	142	66,725.29		SPRL	ON FILE
7	PBL (Multiple Activation By Pass)	CRW	7	1	7	2.25	20.83	94.06	NC50	NC50	27.7	11,105.31			DVBB5-1132
6	Stabilizer	NPD	6.625	1	6.625	4.5	9	73.23	6 5/8 FH	6 5/8 FH	73.59	10,528.32		CONV	850889
5	Drillcollar	RIG	8.5	1	8.5	3	29.65	64.23	6 5/8 REG	6 5/8 REG	156	9,866.01		SPRL	625671-1
4	Stabilizer	NPD	6.625	1	6.625	4.5	9.05	34.58	6 5/8 FH	6 5/8 FH	73.59	5,240.61		CONV	25147
3	Pony Collar	RIG	8.5	1			14.72	25.53			220	4,574.62			210036
2	Near Bit Stab.	NPD	11.875	1	8.25	2.5	9.41	10.81	6 5/8 REG	6 5/8 REG	142	1,336.22			A60030
1	Bit	SMT	12	1			1.4	1.4				0			SA01596

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

MZLJ-291401 EXPLORATION DRILLING BI-1514

12/28/2025 - 04/11/2026

أرامكو السعودية
saudi aramco

	01/24/2026	01/24/2026	NORMAL	N/A	SEASONAL	883	2 X DAILY PRE TOUR MEETINGS.						
PERSONNEL AND SERVICES INFORMATION	Company	SBT	LIG	FRW	RIG	SMI	TUB	RIG	ARM	BCM	OTH	SAP	ARM
	Category	BITS	CTRG	DRF	RIG	DFMS	ISPCT	OTHR	OTHR	PCS	VAC	WTERLNE	WSC
	No. of Persons	1	16	1	44	2	4	9	2	1	1	3	2
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	12	0	12	24	24	24	24	24	0	12	24	24

Total
86

TRUCKS/BOATS	Standby/Tankers				
	aramco pickup: c039				
BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	N/A	N/A	296	378	54	3350
REPAIR ASAP	Instrumentation	Other				Reporter
	Computer, Communication & V-Sat Issues					

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LIMITED MORNING REPORT

EDME-3 EXPLORATION DRILLING BI-3300

07/23/2025 - 02/10/2026

أرامكو السعودية
saudi aramco

T-520 @ EDME-3 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-520
Well: EDME-3
Wellbores: (0-1) EDME_3_1

Charge #: (75-25626-0003)
Wellbores: (0-1) EDME_3_1

Objective : (THE PRIMARY OBJECTIVES TO EVALUATE THE HYDROCARBON POTENTIAL IN UNAYZAH B/C & UNAYZAH A RESERVOIRS.)

Foreman(s): OSMAN, HAYTHAM SAYED / ABDELMAKSOUD, MAHMOUD MOHAMMED
Engineer Manager: ALKHUWAYR, ASIM KHALAF / HARBI, MAGBEL MENAWER

THURAYA	RIG FORMAN VSAT	OTHER VSAT
882-167-77 1-2784	577-9390	577-9392

CONTRACTOR /CLERK VSA T: 577-9378

Last 24 hr operations
RIH TILL TAG ON BTM, P/U 5' OFF BTM,CIRC,SET LINER HANGER,CHC,PERFORM CMT JOB AS PER PLAN, SET PKR, REVERSE CIRC, NORMAL CIRC, POOH.

Next 24 hr plan
POOH TO SURFACE AND L/D R.TOOL, P/U & RIH WITH 4.5" WBCO ASSY, C/O 4" LINER TO 20 FT ABOVE L.COLLAR, PERFORM 4.5" LINER INFLOE TEST

Location
404 KM F/DMG T/T-520 , 284 KM T/HARD INTERSEC, RIGHT 42 KM, LEFT 20 KM, RIGH 35 KM, 23 KM SKID ROAD.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
15,622	9 5/8	9948	9948	7	9,446	13,955	13,955

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
15622	164.6 (08/16/2025@1400)	100	0	326	404

Formation Tops

Formations	Top Depth	Comments
KFBR	12,720	12719 TVD
KFCR	13,270	13261 TVD
KFDA	13,540	13518 TVD, 18' SHALLOWER
BKDC	14,140	13994 TVD, 2' DEEPER
UNZA	14,240	14057 TVD , 15' DEEPER
UNA2	14,310	14095 TVD , 3' DEEPER
UBCU	14,784	14309 TVD, 12' DEEPER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0-1	5 7/8	N	CSG	CIRC	MPMP	RIG	15622	15622			CIRCULATE HOLE ABOVE TOW WITH 5 BPM AND RECORD FREE PRAMETERS.
0630 - 1100	4.5	0-1	5 7/8	N	CSG	RCSG	STRG	RIG	15622	15622	12632	15622	CONT. RIH WITH BAKER 4.5" LINER ON DRIFTED 5-1/2" DP IN OPEN HOLE, WASH DOWN LAST 2 STAND TO BTM, CONFIRMED TAG BTM WITH 5 KLB @ 15,622'. > FILL UP STRING EVERY 10 STANDS. > CONTROL SPEED AT 3 MIN/STD (SLIPS TO SLIPS). > HOLE IN GOOD CONDITION.
1100 - 1500	4	0-1	5 7/8	N	CSG	CIRC	MPMP	RIG	15622	15622			CIRCULATE 3 BTM UP TILL CONDITION MUD IN & OUT OF HOLE 95 PCF AND SHAKER CLEAN. 100% CIRCULATION.
1500 - 1630	1.5	0-1	5 7/8	N	CSG	SET	HGRL	BLH	15622	15622	12142	12142	BREAK OUT STRING AND DROP 1-1/4" BRASS BALL & ALLOW GRAVITATE, CHASE BALL W/ 2 BPM & CONFIRM BALL SEATED, PRESS-UP STRING GRADUALLY TO 2,100 PSI TO SET LNR HGR, HOLD PRESSURE FOR 10 MINS, SLACK OFF LINER WEIGHT PLUS 100 KLB ON 4.5" TOL TO CONFIRM LNR SET, PRESS-UP STRING SHEAR BALL SEAT W/ 3,000 PSI, ESTABLISH CIRCULATION FOR MINS, CONFIRM RETURN & NO FLOW RESTRICTIONS ACROSS HGR. >TOP OF 7" LNR SHOE @ 15,617' / FLOAT COLLAR @15,535' / LANDING COLLAR @ 15,454' / TOL @ 12,142'.
1630 - 1715	0.75	0-1	5 7/8	N	CSG	SET	HGRL	BLH	15622	15622	12142	12142	DROP SECOND 1.5" BRASS BALL & ALLOW TO GRAVITATE, CHASE BALL W/ 2 BPM & CONFIRM BALL SEATED IN THE RUNNING TOOL, PRESS-UP STRING GRADUALLY TO 2,400 PSI TO TO SHEAR R. TOOL & BALL SEAT, P/U STRING 3 FT TO CONFIRM RUNNING TOOL RELEASED, ESTABLISH CIRCULATION FOR 10 MINS, CONFIRM RETURN, S/O WITH 50 FOR CMT JOB.
1715 - 2015	3	0-1	5 7/8	N	CSG	CIRC	MPMP	RIG	15622	15622			S/O WITH 50 KLB, CIRCULATE 2-3 X BOTTOM'S UP WITH 4 BPM PRESSURE STEADY @ 1,300-1350 PSI.
2015 - 2100	0.75	0-1	5 7/8	N	CSG	CIRC	MPMP	RIG	15622	15622			FLUSH & CONNECT CMT LINE, SLB FLUSH SURFACE LINES AND TO 6,000 PSI, OK.
2100 - 2300	2	0-1	5 7/8	N	CSG	CMC	LINR	HCM	15622	15622			PERFORM 4.5" LINER CEMENT JOB AS FOLLOWING: -. > RIG PUMPED 200 BBLS 95 PCF LOW YP MUD. > HALL. CMT UNIT PUMPED 75 BBL X 100 PCF TUNED SPACER E. > HALL. BATCH MIXING AND PUMPED 33.5 BBL X 118 PCF LEAD CEMENT SLURRY, AND 44 X 122 PCF TAIL CEMENT SLURRY. > SHUT DOWN AND RELEASE WIPER DART PLUG. > HALL. CMT UNIT PUMPED 55 BBL X 100 PCF TUNED SPACER E. > HALL. CMT UNIT PUMPED 157 X 95 PCF OBM. > BUMPING PLUG 500 PSI OVER. > BLEED OFF WITH FLOATS HOLDING. > 20 BBL LOSSES WHILE CEMENT JOB.
2300 - 0000	1	0-1	5 7/8	N	CSG	SET	HGRL	BLH	15622	15622	12142	12142	PULL OUT STRING 8.5' TILL SETTING DOGS ABOVE PBR AS PER BAKER ENG RECOMMENDATION, ROTATE 15 RPM AND SET LINER TOP PACKER 100 KLBS S/O WEIGHT HOLD 5 MIN, HAVE GOOD INDICATION (AT 70 KLB S/O WT). PULL OUT 42' MORE TILL SETTING TOOL AT TOL.
0000 - 0300	3	0-1	5 7/8	N	CSG	CIRC	MPMP	RIG	15622	15622			REVERSE CIRCULATED 1.5 X ANNULUS VOLUME TILL GOT CLEAN AND CLEAR MUD > DUMPED AT SURFACE, 80 BBLS OF SPACER, 50 BBLS OF CONTAMINATED

LIMITED MORNING REPORT

Username: YUAYANAL
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EDME-3 EXPLORATION DRILLING BI-3300

07/23/2025 - 02/10/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
													SPACER WITH MUD.
0300 - 0459	2	0-1	5 7/8	N	CSG	HT	PEL	RIG	15622	15622			PJSM, R/D CEMENT LINE AND L/D BAKER CEMENT HEAD, WHILE MONITORING WELL ON TRIP TANK-OK.

Foreman Remarks

EDME-3: PRIMARY OBJECTIVES IS TO EVALUATE THE HYDROCARBON POTENTIAL IN UNAYZAH B/C (UBCU) AND UNAYZAH A (UNZA) RESERVOIRS. THE PLANNED TOTAL DEPTH OF THE WELL WILL BE 15,160' MD/TVD (-13,802' TVDSS) 200FT TVD IN PUZU.
SUPPLEMENT IS ISSUED TO THE ORIGINAL DRILLING PROGRAM EDME-3 TO P&A EDME-3 MOTHERBORE. SIDETRACK WELL TO PRE-SET TO UBCTD TARGETING UNAYZAH B/C (UBCU) AND UNAYZAH A (UNZA) RESERVOIRS
========== ESTIMATED GEOLOGICAL HORIZONS INFORMATION ==========
* 30" CSG SET AT 100' / ACTUAL 100'. (65 PCF SPUD MUD).
* 24" CSG SET AT 616'/ ACTUAL 620 FT 24" CP (200 FT INTO ARUMA), (65 PCF SPUD MUD).
* 18-5/8" CSG SET AT 1,422'/ ACTUAL 1,407 FT, 18 5/8" CP (50 FT INTO AHMADI) (65 SPUD MUD).
* 13-3/8" CSG SET AT 4,136' / ACTUAL 4,180 FT, 13 3/8" CP (50 FT INTO MDTM) (67 WATER BASE MUD).
* 9-5/8" CSG TO BE SET AT 9,874'/ ACTUAL 9,950 FT, 9 5/8" CP (30 FT INTO BJDM) (77-80 NACL POLYMER MUD).
* 7" LINER TO BE SET @ 13,848' /ACTUAL 13,955 FT INTO 7" LP (470 FT INTO KFDA) (106 PCF OBM).
* 4.5" LINER TO BE SET @ 15,160' /ACTUAL 15,100' FT INTO 4.5" LP (250 FT INTO PUZU) (76 PCF OBM).
========== WHIPSTOCK INFORMATION==========
- 7" WPSTK: TOW: 12,652' / BOW: 12,665'. BTM OF WPSTK: 12,672'. 5-7/8" SECTION TD +/- 15528 FT MD - 14563 FT TVD.
===== === ========== === ==SAFETY===== === ==========
SAFETY MEETINGS: PRE-TOUR SAFETY MEETINGS: (2), ARAMCO SUPERVISOR MEETING: (01).
COLD PTW: (10), HOT PTW:(01) CONFINED SPACE: (01), DIESEL TRANSFER: (00), MAN RIDER: (00), JSA: (11), SET CARDS: (30), NM / INCD: (0).
DRILLS: H2S DRILL (00), FIRE DRILL (00), BOP DRILLS (00), PIT DRILLS (00) TRIP DRILLS (00).
HSE ALERT 3-26 HAND FINGER INJURIES.
===== ========== JOURNEY MANAGEMENT PLAN ==========
DIRECTIONS: +/- 404 KM FROM DAHRAN, FROM HARADH - TAKE AL KHARJ HIGHWAY 37 KM AND TURN LEFT, 19 KM AND TURN RIGHT, 0.5 KM, TURN RIGHT AND PROCEED FOR 35 KM AND TURN LEFT ONTO SKID ROAD, 9 KM INTO LOCATION.
*ENSURE TO CALL RIG PRIOR TO ENTERING SKID ROAD FOR JOURNEY MANAGEMENT; HAVE A THURAYA IF TRAVELLING TO THE RIG.
========== POB ==========
- ARAMCO DE YASSER K. IBRAHIM # 897059 ON LOCATION SINCE 01/24/2026.
- ARAMCO MATERIAL MUFLIH ALSHAMMARI #8647345 , 01/27/2026.

==========SERVICE PERSONNEL==========
- 1 EA X RAWABI-EMEC MUD ENGINEER ON LOCATION.
- 2 EA X HALLI BAROID MUD ENGINEERS ON LOCATION SINCE 12/18/2025.
- 1 EA X SLB SILO OPERATOR ON LOCATION SINCE 12/19/2025.
- GEOLOG MUD LOGGING UNIT & CREW ON LOCATION SINCE 12/18/2025.
- 1 EA X NOV CENTRIFUGE ENGINEER & TOOLS ON LOCATION SINCE 12/24/2025.
==========RENTAL TOOL==========
- 2EA X SLB BARITE SILO ON LOCATION SINCE 12/19/2025.
- 1EA X NAPESCO JAR (SN:HMJ-500-0009) ON LOCATION SINCE 12/20/2025.
- 1EA X NAPESCO JAR (SN:HMJ-500-020) ON LOCATION SINCE 12/21/2025.
==========ON LOCATION SUPPORT TANKERS==========
> VACUUM TANKERS: DRSS #30000358862 FOR THE MONTH OF DECEMBER 2025.
> SPRAY WATER TANKERS: DRSS #30000358667FOR THE MONTH OF DECEMBER 2025.
> DUMP TRUCK: DRSS #3000358668 FOR THE MONTH OF DECEMBER 2025.
> SKID ROAD MAINTENANCE DRSS #1004802791 FOR JANUARY 2026.
========== NEXT WELL==========
> NEXT WELL: AWTD-24. LOCATION REDINESS: 60%
> WATER WELL: MNJR-801/802
> LAST VISIT: 11/18/2025
> PRE-MOVE MEETING: NIL.

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
95 PCF	1	0API	56.7	518 Volts	4.9	0	215,551
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	1.8HTHP	21.5	19	0	9 / 12	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
86	0	35	21.8	7 / 9	0	0	1.2

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
95 PCF	1	0API	56.6	518 Volts	4.9	0	215,360
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
150	1.8HTHP	21.5	19	0	8 / 12	INOVRT	0.2
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
85	0	34	21.9	7 / 9	0	0	2.2

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/24/2026	01/24/2026	NORTH	N/A	N/A	1,074	TWICE PER DAYS

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

EDME-3 EXPLORATION DRILLING BI-3300

07/23/2025 - 02/10/2026

أرامكو السعودية
saudi aramco

PERSONNEL AND SERVICES INFORMATION	Company	NAC	LIG	RIG	BAR	EMC	MJH	BLH	RO1	RIG	ARM	MI2	OTH	ARM	SAM
	Category	CSR	CTRG	RIG	DFMS	DFMS	SEC	LHES	MLS	OTHR	OTHR	SCS	VAC	WSC	WBCS
	No. of Persons	3	17	39	2	1	7	2	2	13	2	2	1	2	2
	Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Operating Hours.	0	0	24	24	12	12	24	24	12	12	0	8	24	0

Total
95

TRUCKS/BOATS	Standby/Tankers
	AB-6857/3007NSB

BULK	Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
	1000	500	482	91	39	1300

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

HRDH-1032 WORKOVER-1 BI-60

01/28/2026 - 03/18/2026

T-546 @ HRDH-1032 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-546
Well: HRDH-1032
Wellbores: (1) HRDH_1032_1

Charge #: (71-25058-1032)
Wellbores: (1) HRDH_1032_1

Objective : (DE-COMPLETE, SIDETRACK AND DRILL ONE HOLE SIZE PRESET TO THE TOP OF KHUFF-C. COMPLETE AS 10K)

Foreman(s) AJOKU, CHUKWUMA CHIAKA
Engineer SAYGH, ALI ABDULLAH
Manager JALLAL, FAISAL ALI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
88-216-777 -11053	MAIN: 577- 9388	CLERK: 577 -9379 / 93 96

CONTRACTOR /CLERK VSA T
RIG: 013-8 07-3587

Last 24 hr operations
RIG DOWN AT HRDH-1074, RIG MOVE TO HRDH-1032

Next 24 hr plan
RIG DOWN AT HRDH-1074, RIG MOVE TO HRDH-1032

Location
29 KM FROM HARADH BRIDGE AND ON THE LEFT OF THE HIGHWAY

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
16,870	9 5/8	11706	11179	4 1/2	10,448		

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
16870	0 (@)		0	241	300

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0530	0.5	1	PRE	M	RM	PJSM	NA	RIG	16870	16870			HELD SAFETY MEETING WITH ALL RIG MOVE CONTRACTORS, RIG CREW, RIGGERS, TRUCK PUSHERS AND DRIVERS, DISCUSSED SAFETY PRECAUTIONS & HAZARDS OF RIG MOVE: R/D, LIFT PLANS, MOVING OPS, FALL PROTECTION, OVER HEAD LOADS, SLIPS, TRIPS & FALLS. JOB SPECIFIC JSA, WORK PERMITS, CRANE PLACEMENT & PROPER LIFTING, WORK AT HEIGHT & USING CORRECT EQUIPMENT.
0530 - 2100	15.5	1	PRE	M	RM	RD	NA	RIG	16870	16870			GENERAL RIG DOWN AND RIG MOVE FROM HRDH-1074 TO HRDH-1032 > RIG DOWN ALL EQUIPMENT FROM THE RIG FLOOR. > SLIP EXTRA DRILLING LINE FOR LOWERING THE TDS AND MAST. > LOWER THE TDS. > CLEAN MUD TANKS AND PREPARE TO LIFT > LOAD AND MOVE ALL PIPE BASKETS TO THE NEW LOCATION. > OFFLOAD NEW PCR, 5 ENGINES AND COMPRESSOR ROOM ON NEW LOCATION. > REMOVE TRIP TANK. > LOAD AND MOVE SHAKER TANK AND INTERMEDIATE TANK. > COMMENCE DISCONNECTION OF POWER CABLES. > RIG DOWN STANDPIPE. > GENERAL RIG DOWN OPERATION ON GNGOING ** RIG RELEASED FROM HRDH-1074 ON JAN 27, 2026 @ 05:00 HRS. > LOADS MOVED TODAY: 35 LOADS. > TOTAL LOADS MOVED= 32 LOADS. > MOVE DISTANCE: 34 KM SKID ROAD. > RIG DOWN: 10% > RIG MOVE: 5 % > RIG UP: 0 %
2100 - 0459	8	1	PRE	M	SUSP	OTH	NA	RIG	16870	16870			CUMULATIVE TIME FOR STAND DOWN MEETINGS, PRE PLAN TANDEM LIFTS & SAFETY DISCUSSIONS WITH INVOLVED PARTIES.

Workover Objectives

Foreman Remarks

==========ODF CORRECTION==========
ODF DIFFERENCE: TBD
===== ===== ===== ARAMCO PERSONNEL ON BOARD ===== ==========
> ARAMCO MATERIAL EXPEDITOR ABDULAZIZ ALADB#820702 ON LOCATION 1/19/2026
> ARAMCO FCT FAISAL ALGHUWAINEM # 832452 ON LOCATION 1/24/2026.
==== ===== ==========RIG VISIT ========== ======== ========
> -
========== =====SERVICE COMPANY PERSONNEL & EQUIPS ==== ======= ====
> OES MUD ENGR ON LOCATION 12/16/2025.
===== ===== ===== ======= ERP-STAGING AREA ====== ===== ===== =====
> ERP POSTED IN ARAMCO FOREMAN OFFICE; EMERGENCY CONTACT NUMBERS VERIFIED
> STAGING AREA A COORDINATES, TO BE SET UP
> STAGING AREA B COORDINATES, TO BE SET UP
> RELIEF WELL: HRDH-426 (0.7 KM NE).
========== HSE ==========
> DRILLS: 1 X SWP
> NEAR MISS: NONE.
> SAFETY TOPIC: CRITICAL LIFTING PLAN / TANDEM LIFTING, WORK AT HEIGHT PROCEDURE, SWA / TOFS
> SAFETY ALERT: REEL-SAFE 02-26 - ANKLE INJURY WHILE RIH, HSE ALERT 120-24 - INCIDENT WITH FATAL INJURY
==========SAGWOD COST OPTIMIZATION==========
> -
==== ===== ===== ========== CLOSED LOOP SYSTEM ===== ======== ===== =====

LIMITED MORNING REPORT

HRDH-1032 WORKOVER-1 BI-60

01/28/2026 - 03/18/2026

> IMPLEMENTING CLOOSED LOOP SYSTEM USED 3SIDE BIN, LINED CEMENT PIT & CUTTING PIT.
> PITLESS LOCATION GUIDELINE: (Y), (NO WATER PIT, NO WASTE PIT).
==========TRUCKING, EQUIPMENT & RENTAL TOOLS==========
> VACUUM TANKER - 3.
==========NEXT LOCATION ========== ===== ===== =====
> 1ND WELL: HRDH-631, ONE HOLE SIZE, KHUFF-C, PRE-SET WELL, PRE-WORKOVER MEETING DONE 03/17/2025, STRIP OUT 0%, LOCATION PREPARATION 30%, WOCP RUNNING.
> 2RD WELL: NJYN-8, ONE HOLE SIZE, UNZA, PRE-WORKOVER MEETING NOT HELD, STRIP OUT 0%, LOCATION PREPARATION 0%, WOCP RUNNING.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	N/A	NORMAL	4,905	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	OES	RIG	ARM	ARM	
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	
No. of Persons	16	41	1	80	2	1	Total 141
Personnel on Loc. Hrs.	24	24	24	24	24	24	
Operating Hours.	0	24	0	12	12	24	

TRUCKS/BOATS

Standby/Tankers
ARAMCO PICKUP TRUCK E-907

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	270	180	33	0

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

UTMN-1888 WORKOVER-1 BI-60

11/27/2025 - 02/11/2026

أرامكو السعودية
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T-564 @ UTMN-1888 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-564
Well: UTMN-1888
Wellbores: (0) UTMN_1888_0

Charge #: (71-25057-1888)
Wellbores: (0) UTMN_1888_0

Objective : (DE-COMPLETE THE WELL & ISOLATE KHFC PERFS. DUE TO HIGH H2S AND SIDETRACK THE WELL TARGETING JAUF)

Foreman(s) ABDALLA, AMIR MOHAMED / KHALIL, ALAA IBRAHIM
Engineer MEJIAS, ERNESTO JOSE / ALMUTAIRI, FAHAD SAUD
Manager ALDOSARI, ABDULRAHMAN MUTLAQ

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 1270	013-577-93 22 FOREMAN	013-577-93 30 HSE

CONTRACTOR /CLERK VSA T: 013-577-93 25 CLERK

Last 24 hr operations: PERFORM BOPE PRESS.TEST, P/U & RIH 3-5/8" BLADED JUNK MILL, CLEAN INSIDE 4-1/2" TBG. ON GOING.

Next 24 hr plan: W/3-5/8" BLADED JUNK MILL ASSY CONT. CLEAN INSIDE 4-1/2" TBG & 7" LINER TO 200 FT ABOVE PERF. CIRC., POOH.

Location: 143 KM F/DHAMAIN GATE.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
14,681	9 5/8	12715	12715	7	12,230	14,851	14,851

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
14681	51.6 (12/07/2025@1530)	100	0	143	143

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0	POST	N	WH	OTH	NA	RIG	14851	14851			RIH 5 STD X 5" DP, M/U WG TEST PLUG ASSEMBLY & LAND IN WELLHEAD, FLUSH BOP STACK & LINES WITH FRESH WATER.
0600 - 1130	5.5	0	POST	N	BOP	BOPT	BOP	RIG	14851	14851			HPJSM, PRESSURE TEST 11" CLASS "A" 10M BOP & RELATED EQPT AS PER ARAMCO STANDARDS. >> P/TEST ANNULAR TO 300 PSI LOW / 7,000 PSI HI 10 MIN EACH. >> P/TEST ALL RAMS, HCR & MANUAL VALVES TO 300 PSI LOW / 8,500 PSI HI, 10 MIN EACH. >> PERFORM ACCUMULATOR DRILL.
1130 - 1215	0.75	0	POST	N	BOP	OTH	BOP	RIG	14851	14851			POH & LAY DOWN TEST PLUG ASSY, RACK BACK 5 STANDS 5" DP.
1215 - 1300	0.75	0	POST	N	WH	SET	WBSH	RIG	14851	14851			INSTALL 11" WG WEAR BUSHING.
1300 - 1330	0.5	0	POST	N	MILL	RR	TDS	RIG	14851	14851			RIG SERVICE TOP DRIVE
1330 - 1500	1.5	0	POST	N	MILL	OTH	NA	RIG	14851	14851			M/U 6-3/4" SAMAA PBL SUB + 1 JT 5" DP + BIT SUB & BIT. - DROP ACTIVATION BALL AND PRESSURE UP TO OPEN PBL PORTS. PORTS OPEN PRESSURE @ 70 PSI. - DROP DE-ACTIVATION BALL AND CLOSING PRESSURE @ 3,500 PSI , RETRIEVE BALLS FROM BALL CATCHER. - L/D 6-3/4" SAMAA PBL SUB & BIT SUB & BIT,
1500 - 1530	0.5	0	POST	N	MILL	OTH	NA	WCR	14851	14851			HPJSM, R/U WFD POWER TONG & 2-7/8" HANDLING EQPT.
1530 - 1800	2.5	0	POST	N	MILL	HT	BHA	RIG	14851	14851			HPJSM, M/U 3-5/8" BLADED JUNK MILL BHA AS FOLLOW:: - RAWABI 3-5/8" BLADED JUNK MILL, BIT SUB, 29 JT X 2-7/8" PH-6, X.O 2-7/8" PH-6 PIN X 3-1/2" IF BOX.
1800 - 1830	0.5	0	POST	N	MILL	OTH	NA	WCR	14851	14851			R/D WFD POWER TONG & HANDLING EQPT.
1830 - 1930	1	0	POST	N	MILL	HT	BHA	RIG	14851	14851			CONT. M/UP 3-5/8" BLADED JUNK MILL BHA : M/UP X.O, BIT SUB W/FLOAT, X.O, 6-3/4" SAMAA PBL SUB, 1 STD X 5" HWDP, 6-1/2" H.M JAR, 2 STD X 5" HWDP >> P/U 6-1/2" COUGAR JAR # DJ6650-381 ON 01-27-26 @ 18:30 HRS
1930 - 0215	6.75	0	POST	N	MILL	TI	STDP	RIG	14851	14851	1265	12230	RIH 3-5/8" BLADED JUNK MILL ASSY. ON 5" DP STANDS FROM DERRICK TO ABOVE 7" TOL. >> FILL UP & BREAK CIRCULATION EVERY 15 STANDS. >> MONITOR WELL THRU TRIP TANK, OK.
0215 - 0300	0.75	0	POST	N	MILL	CIRC	MPMP	RIG	14851	14851			CIRC & RECORD PARAMETERS.
0300 - 0459	2	0	POST	N	MILL	RW	MILL	RIG	14851	14851	12264	12600	WASH DOWN INSIDE 4-1/2" TBG FROM TOF @ 12,264 FT TO 12,600'..... ONGOING @ RT.

Workover Objectives

Foreman Remarks

==========ERP/SIMOPS==========
>> ERP POSTED IN ARAMCO FOREMAN OFFICE.
>> 30 PPM RER: 5600 M; 100 PPM RER: 2800 M; 1/2 LFL: 260 M.
>> RAWABI H2S GAS DETECTION SYSTEM INSTALLED & TESTED ON RIG SITE & WIP-4 AS PER SIMOPS.
>> 20 SCBA HANDOVER TO WIP-4.
>> DAILY COMMUNICATION WITH WIP-4 & ISO AS PER SIMOPS.
>> RADIO CHECK SUCCESSFULLY WITH WIP-4 & DRLG ECC.
>> FIRE FLY PACKAGE INSTALLED.
==========QHSE==========

LIMITED MORNING REPORT

UTMN-1888 WORKOVER-1 BI-60

11/27/2025 - 02/11/2026

>> SOC TODAY: 28, MTD: 692.
>> DRILLS TODAY: 2 MTD: 34. (2 SWA).
>> SWA: TODAY: 0, MTD: 8.
>> NEAR MISS: 0, MTD: 1.
>> DISCUSSED DAILY OPERATIONAL HAZARDS.
--CCTV OBSERVATION REPORT & VIDEO - WEEK 3 2026.
--D&WO REEL-SAFE WEEK-3.
--SWA EFFECTIVENESS ANALYSIS OCT.-DEC. 2025.
--HSE ALERT 07-26 CATWALK RAM LIFTING POINT FAILURE.
--HSE ALERT 06-26 ANKLE INJURY WHILE RIH.
--D&WOO 001-2026 RIG SITE ACCESS REQUIREMENTS - DIGITAL IDS.
==========ARAMCO PERSONNEL ON LOVEC. ==========
>>ARAMCO MATERIAL EXPEDITOR ABDULLAH ALKHALDI #818628 ON LOCATION.
>> HSE ADVISOR ARJUN CHANDRAN # 8055942 ON LOCATION.
========== ==========THIRD PARTY PERSONNEL AND EQUIPMENT==========
>> EMEC MUD ENGINEER ON LOCATION 01/01/2025.
>> RAWABI H2S GAS DETECTION ON LOCATION 12/3/2025.
>> FIRE FLY ON LOCATION 12/8/2025 @14:00.
>> RAWABI FISHING TOOLS AND ENGINEER ON LOCATION ON 1/6/2026 @8:00.
>> RAWABI THRU TUBING TOOLS AND ENGINEER ON LOCATION ON 1/6/2026 @8:00.
>> SAMAA ENG ON LOCATION ON 12/19/2025 @ 12:00.
>> WFD TRS TOOLS & CREW ON LOCATION ON 12/22/2025 @ 17:00.
>> BAKER W/L ON LOCATION 1/23/2026 @ 16:00.
==========CLOSED LOOP SYSTEM ==========
>> IMPLEMENTING CLOSED LOOP SYSTEM BY USING 3-SIDE BIN ONLY.
>> USING CMT PIT WITH PLASTIC LINER.
>> PITLESS LAYOUT (NO WATER PIT & NO WASTE PIT).
==========DIR & SURVEY DATA==========

==========NEXT WELLS ==========
>> UTMN-1813: PRE-WO MEETING DONE.STRIP-OUT 70%. LOCATION PREPARATION 0%.
>> UTMN-2316: PRE-WO MEETING DONE. STRIP-OUT 0%. LOCATION PREPARATION 0%.
>> UTMN-2075: PRE-WO MEETING DONE. STRIP-OUT 0%. LOCATION PREPARATION 0%.
==========

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	10	500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	28	0	9 / 11	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	5	2	8 / 10	0	0	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
63 PCF	0	0API	0	0 Volts	0	10	500
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	98	28	0	9 / 11	WTRGEL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	5	2	8 / 10	0	0	0

MUD TREATMENT

BENT
4 (2200L)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	ACCUMULATOR DRILL	SEASONAL	N/A	SEASONAL	971	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	WCR	LIG	RIG	EMC	MJH	RAC	RUE	RIG	ARM	ARM	SAM
Category	CSR	CTRG	RIG	DFMS	SEC	WMFE	H2S	OTHR	OTHR	WSC	WBCS
No. of Persons	2	16	38	1	7	2	1	13	2	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	5	0	24	24	0	16	24	24	24	24	16

Total
85

TRUCKS/BOATS

Standby/Tankers
F064

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	627	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

LIMITED MORNING REPORT

UTMN-1888 WORKOVER-1 BI-60

11/27/2025 - 02/11/2026

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

10/12/2021 - 02/12/2026

أرامكو السعودية
saudi aramco

T-570 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-570
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (-)

Foreman(s): FARHAN, ABDULELAH MOHAMMED / SUQOUR, ABDULSAMAD MUBARAK / BIN ABED, AHMED MOHAMMED
Engineer Manager: ALKURAYA, SIDDIQ BAKR

RIG FORMAN VSAT: 0135784292

Last 24 hr operations	Next 24 hr plan
RIG UP OPERATIONS ON SHDN-21.	RIG UP OPERATIONS ON SHDN-21.

Location	Next Location
320 KM FROM DH MAIN GATE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL CREW AND THIRD PARTIES TO COVER MOBILIZATION OPERATIONS. - DISCUSSED RIG MOVE OPERATIONS HAZARDS, GOOD COMMUNICATION, PROPER HANDOVER, JOB SPECIFIC JSA & LIFT PLANS TO LIFT HEAVY / TANDEM MATERIALS, FALL PROTECTIONS, OVER HEAD LOADS, SLIPS, TRIPS, FALLS HAZARDS.
0600 - 0459	23		PRE	M	MAIN	RU	NA	RIG					DAILY ACTIVITIES: - PREPARE RIG FLOOR TO R/UP TDS. - ARRANGED RAISING LINE . - R/UP TDS. - INSTALL RIG FLOOR PLATES. - RIG UP & SPOOL AIR TUGGER & MAN RIDER. - BRING DOWN & SECURE RAISING LINES. - REMOVE YOLK & INSTALL HORSESHOE. - WORKING ON GROUND HIGH PRESSURE LINES. - INSTALL RIG FLOOR HANDRAILS. - CLOSING OPEN INTERNAL PCI POINTS...ONGOING. - WORKING ON COC'S ON LIFTING REGISTER. LOADS SUMMARY: ---------- - DAILY LOADS RECEIVED: 0 LOADS. - TOTAL LOADS: 282 LOADS OF RIG EQUIPMENT. ---------- ** MOBILIZATION: 100%. ---------- - R/U ON LOCATION: 85%. - MAIN CAMP SET AND STARTUP: 100%. - MINI CAMP SET AND STARTUP: 100%. - SUBSTRUCTURE RIG UP 90%. - MAST RIG UP 90%. - LOW PRESSURE MUD SYSTEM R/U: 95%. - MOCK PCI STARTED: 8, JAN 8TH. - INTERNAL PCI STARTED: 08 JANUARY 2026- ONGOING. - ESTIMATED START OF ARAMCO PCI: 30, JAN. ---------- - RIG MOVE DISTANCES 362.5 KM ---------- - DAYS SINCE START MOBILIZATION: 42 DAYS. - START MOBILIZATION ON 12/17/2025.

Foreman Remarks

========== JOURNEY MANAGEMENT ==========
- NIGHT DRIVING IS PROHIBITED. ALL VEHICLES SHOULD HAVE A SUPPLY OF DRINKING WATER / CAR SURVIVAL KIT.

========== VISITORS ==========

====== ARAMCO PERSONNEL ON LOCATION =====
- ARAMCO MATERIALS CLERK ABDULMOHSEN ALOTAIBI E#8494366 ON LOCATION SINCE 1/21/2026.
- SAOGDD FCA MICHAEL CATAN # 8281273 ON LOCATION SINCE 1/27/2026 FOR HSE SUPPORT VISIT.

======SERVICE CO. PERSONNEL ON BOARD======
- NONE.

========== SAFETY ==========
* PRE-TOUR SAFETY MEETINGS: 02, WEEKLY SAFETY MEETING: 00.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

10/12/2021 - 02/12/2026

أرامكو السعودية
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* SAFETY MEETING TOPICS:
- 100% TIE OFF WHEN WORKING AT HEIGHT
- DO NOT WORK SUSPENDED LOAD.
- WATCH HAND & FINGER, BODY POSITION WHILE WORKING.
- GOOD COMMUNICATION WHILE LIFTING OR CRITICAL TASKS
- ALL CREW MEMBERS WERE REMINDED AND EMPOWERED TO EXERCISE STOP WORK AUTHORITY IN THE EVENT OF ANY UNSAFE ACT OR CONDITION.
- EMPHASIS PLACED ON STRICT ADHERENCE TO SAFETY PROTOCOLS AND PROACTIVE HAZARD IDENTIFICATION AND REPORTING.
* STOP CARDS: 25.
* INC/NEAR MISS: 00.
* STOP WORK AUTHORITY: 02.
* SAFETY ALERTS DISCUSSED: HSE ALERT 07-26 CATWALK RAMP LIFTING POINT FAILURE.
* DRILLS: 00.
- H2S RELEASE DRILL: 00, H2S RESCUE DRILL:00, PIT DRILL: 00, TRIP DRILL: 00, SPILL DRILL: 00, SWA DRILL: 00, FIRE DRILL: 00, FIRE PUMP DRILL: 00, CONFINED SPACE RESCUE DRILL: 00, MAN LOST DRILL: 00, ACCUMULATOR DRILL: 00, VERTICAL RESCUE DRILL: 00, BOP FUNCTION TEST: 00, MAN DOWN: 00, OIL SPILL CLEAN UP DRILL: 00.
* PERMITS TO WORK: 12
- COLD PTW: (09), HOT PTW: (03), CONFINED SPACE: (00), DIESEL TRANSFER: (00), LIFTING: (07), THIRD PARTY: (02), ELECTRIC: (00), JSA: (09).

========== ARAMCO VEHICLE ==========
- ARAMCO VEHICLE NO: (F-089) ON LOCATION.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	926	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	RIG	ARM	ARM	
Category	CTRG	RIG	OTHR	OTHR	WSC	
No. of Persons	18	44	26	2	2	Total 92
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	0	0	12	24	

TRUCKS/BOATS

Standby/Tankers
F-089

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/28/2021 - 02/05/2026

أرامكو السعودية
saudi aramco

T-574 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-574
Well: *MOBILIZATION*
Wellbores:

Charge #: ()
Wellbores:

Objective : (.)

Foreman(s): BECHKA, MOHAMED LAMINE / MOHAMED, MAHMOUD EZZAT
Engineer: QAHTANI, YAZEED SULTAN / HASHMI, AHMAD ATEF
Manager: ABU RASAIN, AMER MANE

THURAYA	RIG FORMAN VSAT	OTHER VSAT
0088216777 12078	013-576-25 46	013-576-20 81

CONTRACTOR /CLERK VSA T: 013-576-24 26

Last 24 hr operations: CONT. RIG UP OPERATIONS ON GHZL-99.

Next 24 hr plan: CONT. RIG UP OPERATIONS ON GHZL-99.

Location: 320 KM FROM DH MAIN GATE

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL CREW AND THIRD PARTIES TO COVER MOBILIZATION OPERATIONS. - DISCUSSED RIG UP & MOVE OPERATIONS HAZARDS, RIG MOVE ROUTE, GOOD COMMUNICATION, PROPER HANDOVER, JOB SPECIFIC JSA & LIFT PLANS TO LIFT HEAVY / TANDEM MATERIALS, FALL PROTECTIONS, OVER HEAD LOADS, SLIPS, TRIPS, FALLS HAZARDS.
0600 - 0459	23		PRE	M	MAIN	RU	NA	RIG					DAILY ACTIVITIES: - CONTINUE WORKING ON LOW PRESSURE MUD SYSTEM: REPLACING BUTTERFLY VALVES ONGOING | FIXING DUMP LINES IN PROGRESS. - WORK ON MUD PUMPS - SERVICE IN PROGRESS. - CONTINUE WORKING ON 13-5/8" CLASS A BOP STACK AS PER ARAMCO STANDARD. | CONTINUE ASSEMBLE KILL LINE & CHOKE LINE ASSEMBLY FOR 13 5/8" BOP (OFFLINE). - CONNECT HYDRAULIC HOSES TO THE BOP ACCUMULATOR CONTROL UNIT. | FUNCTION TEST BOP ACCUMULATOR UNIT IN PROGRESS. | TESTING BOP ACCUMULATOR UNIT REMOTE PANELS IN PROGRESS. - CONNECT LINES AND PREPARATION FOR FUNCTION TESTING IN PROGRESS. - QUALITY ENGINEER ONSITE TO ARRANGE DOCUMENT PACKAGE AT RIG SITE FOR PCI. - GENERAL RIG UP OPERATIONS. - WAIT ON H&P TO PROVIDE MAST LOAD CHART FOR MAST RISING ACCEPTANCE LOADS SUMMARY: ---------- - DAILY LOADS RECEIVED: 0 LOADS. - TOTAL LOADS: 270 LOADS OF RIG EQUIPMENT. ---------- ** MOBILIZATION: 100% ---------- R/U ON LOCATION: 73% -MAIN CAMP SET AND STARTUP: 96% -MINI CAMP SET AND STARTUP: 98% . -SUBSTRUCTURE RIG UP 92% -MAST RIG UP 91 % -LOW PRESSURE MUD SYSTEM R/U: 86% -ESTIMATED DATE TO RAISE MAST: JAN 28 TH -ESTIMATED START OF ARAMCO PCI: FEB 01TH ---------- - RIG MOVE DISTANCES 362.5 KM ---------- - DAYS SINCE START MOBILIZATION: 51 DAYS. - START MOBILIZATION ON 12/8/2025.

Foreman Remarks

========== ====PERSONNEL ==========

=====H &P SENIOR MANAGEMENT RIG VISIT===
01/23/2026. ADEBAGO AREMU #254083 H&P HEAD OF PROJECTS & ADRIAN FLORIA # 426351 H&P PROJECT MANAGER
01/25/2026 JORDAN GRINDSTAFF #8783 H&P DRILLING SUPERINTENDENT VISITED THE RIG

* WATER WELL: GHZL-805

========== ARAMCO VEHICLE ==========
- ARAMCO VEHICLE NO: (B872) ON LOCATION.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

11/28/2021 - 02/05/2026

أرامكو السعودية
saudi aramco

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	1,794	TOURLY

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	RIG	ARM	ARM	
Category	CTRG	RIG	OTHR	OTHR	WSC	
No. of Persons	16	53	32	0	2	Total 103
Personnel on Loc. Hrs.	24	24	24	0	24	
Operating Hours.	0	24	24	0	24	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

SHEH-80 EXPLORATION DRILLING BI-1514

06/21/2025 - 03/01/2026

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T-592 @ SHEH-80 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T-592
Well: SHEH-80
Wellbores: (0-1) SHEH_80_1

Charge #: (85-24585-4257)
Wellbores: (0-1) SHEH_80_1

Objective : (EXPLORATION GAS WELL)

Foreman(s): SATRA, MOHAMED ELHOCINE
Engineer: FAMIEV, ROBERT
Manager: ALJABRI, SAMEH SALEM

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12408	577-3529	577-8820

Last 24 hr operations: HALB RDT (SAMPLING).

Next 24 hr plan: HALB RDT (SAMPLING).

Location: 657 KMS F/ DH MG, DRIVE TO HARADH,CONT. +/-120 KMS ON YABREEN ROAD,THEN TURN RIGHT 260 KM SKID ROAD.

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
20,347	9 5/8	13188	13176				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
20347	196.7 (07/15/2025@1200)	100	0	564	657

Formation Tops

Formations	Top Depth	Comments
BKDC	13,135	113 FT SHALLOW.
PKFU	13,226	92 FT SHALLOW.
UNZA	13,260	138 FT SHALLOW.
UNZB	13,356	152 FT SHALLOW.
UNZC	13,389	155 FT SHALLOW.
TWLF	14,160	126 FT SHALLOW.
SHRR	14,731	95 FT SHALLOW.
QUSB	16,285	15 FT SHALOWER
MQSB	17,482	113 FT DEEPER.
QBHS	18,307	68 FT SHALLOWER
SARH	18,333	58 FT SHALLOWER
SAQ	19,347	

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-1	EOW	E	LOG	OTH	NA	HWP	20347	20347	13400	13400	RETRACTED PROBES, MOVED UP W/OUT OVERPULL, BACK TO SAME SAMPLE DEPTH SAMPLE-15 @ 13400' FOR SET-2.
0600 - 1000	4	0-1	EOW	E	LOG	LOG	WLT	HWP	20347	20347	13400	13400	SET PROBES @ SAMPLE-15 @ 13400 FT FOR 4 HRS SET-2 & PERFORM PUMPING.
1000 - 1045	0.75	0-1	EOW	E	LOG	OTH	NA	HWP	20347	20347			RETRACTED PROBES, MOVED UP W/OUT OVERPULL, BACK TO SAME SAMPLE DEPTH SAMPLE-15 @ 13400' FOR SET-3.
1045 - 1545	5	0-1	EOW	E	LOG	LOG	WLT	HWP	20347	20347	13400	13400	SET PROBES @ SAMPLE-15 @ 13400 FT FOR 5 HRS SET-3 AS PER RDD & PERFORM PUMPING.
1545 - 1630	0.75	0-1	EOW	E	LOG	OTH	NA	HWP	20347	20347			RETRACTED PROBES, MOVED UP W/OUT OVERPULL, BACK TO SAME SAMPLE DEPTH SAMPLE-15 @ 13400' FOR SET-4.
1630 - 2130	5	0-1	EOW	E	LOG	LOG	WLT	HWP	20347	20347	13400	13400	SET PROBES @ SAMPLE-15 @ 13400 FT FOR 5 HRS SET-4 AS PER RDD & PERFORM PUMPING, FILLED 1 STANDARD BOTTLE.
2130 - 2215	0.75	0-1	EOW	E	LOG	OTH	NA	HWP	20347	20347			MOVED F/ 13400 FT WITHOUT ANY OVERPULLS, BREAK CIRCULATION. MOVED TO NEXT SAMPLE-14 @ 13495 FT, PERFORMED CORRELATION.
2215 - 2245	0.5	0-1	EOW	E	LOG	OTH	NA	HWP	20347	20347			PERFORM 30 MINUTES STICKY TEST @ DEPTH 13495 FT.
2245 - 0245	4	0-1	EOW	E	LOG	LOG	WLT	HWP	20347	20347	13495	13495	MOVED THE STRING WITH NO OVERPULL. PROCEED FOR 4 HOURS FOR SAMPLE-14 @ 13495 FT, SET-1 & PERFORM PUMPING FOR CLEAN OUT.
0245 - 0300	0.25	0-1	EOW	E	LOG	OTH	NA	HWP	20347	20347			MOVED STRING WITH NO OVERPULL & BACK TO SAME DEPTH SAMPLE-14 @ 13495 FT FOR SET-2.
0300 - 0459	2	0-1	EOW	E	LOG	LOG	WLT	HWP	20347	20347	13495	13495	SET PROBES @ SAMPLE-14 @ 13495 FT FOR 4 HRS SET-2 AS PER RDD & PERFORM PUMPING.....ONGOING.

Foreman Remarks

SHEH-80 IS A VERTICAL EXPLORATION WELL WITH A CONTINGENT HORIZONTAL LATERAL. IT IS DESIGNED TO BE DRILLED AS A VERTICAL WELL INTO THE ORDOVICIAN SECTION, WITH A PROPOSED TOTAL DEPTH OF 20,347 FT (2,000' BELOW TOP OF SARAH). THE PRIMARY TARGETS ARE SARAH AND SAQ FORMATIONS, SECONDARY TARGETS ARE UNAYZAH-A RESERVOIR, TAWIL FORMATION, SHARAWRA MEMBER, MID-QUSAIBA SAND, QUSAIBA HOT SHALE. IF DECIDE, A SIDETRACK WILL BE DRILLED WITH A HORIZONTAL SECTION IN SARAH WITH 3,000 FT OF LATERAL FOOTAGE, THAT HAS A PROPOSED TOTAL DEPTH OF 21,990 FTMD/18,491 FT TVD.
==========JOURNEY MANAGEMENT=====
CALL T-592 CLERK OFFICE AT 577-8820 OR ARAMCO FOREMAN OFFICE AT 577-3529 PRIOR TO TURNING OFF MAIN BLACKTOP. PROVIDE NAME OF COMPANY, NUMBER OF PERSONNEL, COLOR OF VEHICLE AND EMERGENCY CONTACT NUMBER OF BASE PERSONNEL. NIGHT DRIVING BY 3RD PARTY PERSONNEL IS NOT RECOMMENDED.
==========ARAMCO PERSONNEL=====
ARAMCO CLERK UTTAM DHAKAL ID#8174523 ON LOCATION SINCE 07/31/25
==========WELLSITE RENTAL TOOLS=====
RECEIVED 6-1/2" NOV JAR SN: HMJ650-4666992 ON 01/04/26 @ 16:30, P/U ON 1/5/2025 @ 20:30. L/D ON 01/07 @ 07:00. PU FOR CONDITION TRIP #1 ON 01/13 @ 16:00, LD ON 01/14/2025 @ 10:00 PM, PU FOR CONDITION TRIP #2 ON 01/24/2024 @ 07:00 AM, LD ON 01/25/2025 @ 04:00 PM.
==========WELLSITE RENTAL TOOLS=====
GECAT SPRAY TANKER DRSS# 3000360944, PLATE# 2722 GUA, DOOR# WT-049 ON LOCATION.
==========SAFETY DATA==

LIMITED MORNING REPORT

SHEH-80 EXPLORATION DRILLING BI-1514

06/21/2025 - 03/01/2026

- PTW:12.
- SAFETY MEETING: 02, HOC: 79.
- DRILLS: 01, H2S DRILL
- NEAR MISS: 00
- JSA REVISED: 01, JSA REVIEWED: 10, LOTO : 00.
- SAFE ACT: 32, UNSAFE ACT: 07, SAFE CONDITION: 32 UNSAFE CONDITIONS: 08.

HSE ALERT: 03
- HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED
- HSE ALERT 09-26 TRUCK ROLLOVER
- HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION

IN-HOUSE AUDITS:
- IN-HOUSE AUDIT AUG 2025: TOTAL FINDINGS: 169, CLOSED: 161, OPEN: 08 (P2: 6, P3: 2).
- IN-HOUSE AUDIT SEP 2025: TOTAL FINDINGS: 60, CLOSED: 37, OPEN: 23 (P2: 6, P3: 17).
- IN-HOUSE AUDIT NOV 2025: TOTAL FINDINGS: 17, CLOSED: 17, OPEN: 0.

EXTERNAL AUDITS:
- HSEGA AUDIT AUG 2025 - SCORED: 92.52%.

==========WELL INFO=====
L-0: 42" HOLE SECTION, 36"CASING @ 165 FT
L-0: 34" HOLE SECTION, 30"CASING @ 995 FT (40 FT INTO LAMS)
L-0: 28" HOLE SECTION, 24"CASING @ 2,575 FT (52 FT INTO LAMS)
L-0-1: 22" HOLE SECTION, 18-5/8"CASING @ 6,610 FT (80 FT INTO BUWB)
L-0-1:16" HOLE SECTION, 13-3/8"CASING @ 11,190 FT (20 FT INTO BJDL)
L-0-1:12" HOLE SECTION, 9-5/8"CASING @ 13,188 FT (49 FT INTO BKDC)
L-0-1: 8-3/8" HOLE SECTION & WELL TD @20,347'(2,000' BELOW TOP OF SARAH)
==========WATER WELL=====
- SHEH-803 & SHEH-804
==========NEXT LOCATION=====
- TINT-300: 100% READY AS WELL SITE

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
99 PCF	1	0API	62	531 Volts	4.77	0	251,517
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.6HTHP	13	18	0.25	10 / 15	RELIANT	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
69	0	32	25	8 / 9	0	0	2.8

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
99 PCF	1	0API	62	567 Volts	4.76	0	254,526
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	2.6HTHP	13	17	0.25	10 / 16	RELIANT	0.8
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
67	0	33	25	8 / 9	0	0	2.8

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/16/2026	01/16/2026	NO	NO	SEASONAL	3,481	02 PER DAY

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	SMI	NOJ	SGR	RIG	ARM	MI2	OTH	SAP	ARM	HWP
Category	CTRG	RIG	DFMS	JST	MLS	OTHR	OTHR	SCS	VAC	WTERLNE	WSC	WLS
No. of Persons	18	44	2	0	2	23	1	1	1	4	1	6
Personnel on Loc. Hrs.	24	24	24	0	24	24	24	24	24	24	24	24
Operating Hours.	0	24	24	0	24	0	12	12	0	0	24	24

Total
103

TRUCKS/BOATS

Standby/Tankers
H702

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
0	400	769	232	6	3670

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/02/2026 - 03/03/2026

أرامكو السعودية
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T218 @ *MOBILIZATION* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig	Charge #:	Objective : (PH+SINGLE LATERAL ARBC)	Foreman(s) MOUSSA, AHMED MOHAMED
T218	()		Engineer ELKAWASS, AMIR ABDELHAMID
Well	Wellbores:		Manager ELDEEB, TAREK ABD ALLA
MOBILIZATION			
Wellbores:			

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8821677712 115	013-673-99 20	013-673-99 25
CONTRACTOR /CLERK VSA T	CONTRACTOR /CLERK VSA T	
TOOLPUSHER : 013-511- 5141	013-673-99 26	

Last 24 hr operations	Next 24 hr plan
RIG T-218 MOBILIZATION TO KRSN-179, R/U ON KRSN-179.	RIG T-218 MOBILIZATION TO KRSN-179, R/U ON KRSN-179.

Location	Next Location
138.05 KM FROM DHAHRAN MAIN GATE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1		PRE	M	MAIN	PJSM	NA	RIG					HPJSM WITH ALL PERSONNEL & DISCUSSED THE FOLLOWING: - GOOD SUPERVISION ALL THE TIME FROM RIG KEY PERSONNEL. - USING PROPER PPE, PROPER PTW FOR LIFTING OPERATIONS, AND USING FALL PROTECTION TOOLS - FLAG MAN POSITION WITH ALL HEAVY EQUIPMENTS - LINE OF FIRE AND SAFE POSITIONS DURING JOB EXECUTION. - HANDS AND FINGERS INJURY PREVENTION. - STOP WORK AUTHORITY IMPLEMENTATION. - NO CRITICAL LIFTING AT NIGHT. - HSE ALERT 08-26ROUSTABOUT ANKLE TWISTED.
0600 - 0459	23		PRE	M	MAIN	RM	NA	RIG					RIG MOBILIZATION & RIG UP OPERATIONS ON KRSN-179: ========== - R/U SUBSTRUCTURE.....ONGOING. - ASSEMBLE ALL MAST SECTION. - CONT. DRESSING MAST.....ONGOING. - R/U TDS MONORAIL SECTION..ONGOING. - R/U MUD SYSTEM.....ONGOING. - R/U MIXING HOPPER.....ONGOING. - SSMS CO. CONT INSPECTION FOR FFIRE EXTINGUISHER.....ONGOING. - TAQA INSPECTION CONT. LIFTING INSPECTION.....ONGOING. - SPOT MUD PUMP#1&2 ON DOLLY TRAILER.....ONGOING. - PREPARE VFD & ENGINE DOLLY TRAILER....ONGOING. - REPLACE CLINIC CARAVAN. * PERFORMED H2S DRILL RIG SITE & DISCUSSED AREA OF IMPROVEMENT. REMAINING OF MAIN EQUIPS NOT MOBILIZED TO KRSN-179:- ========== - WELL CONTROL EQUIPMENT (BOP CONTROL UNIT, CHOKE MANIFOLD SWACO PANEL & MISCELLANEOUS). - BOP TEST UNIT. - 21-1/4" DIVERTER SYSTEM & VENT LINES. - TDS SYSTEM (TDS, VFD & CABLE). - BOP HOISTS. - CATHEAD. - DRILLER CABIN. - 2EA X AIR TUGGER & 2EA X MAN RIDDERS. - AIR COMPRESSOR. - 3 SH.SHAKERS. - MUD TANK PVT SENSORS. - VENT LINES & FLARE LINES. - FLARE IGNITION SYSTEM. - REMAINING 4" DRILL PIPE & 5" DRILL PIPE. - ST-80 IRON ROUGHNECK & PIPE SPINNER. - REPLACEMENT FOR FIRE PUMP. - CEMENT CHICKSAN. - CCTV SYSTEM. - TOTOCO BAR. - I-BOP & FOSV AND MISCELLANEOUS SUBS. - MEETING ROOM FURNITURE. * SUSPENDED CRITICAL LIFTING OPERATIONS DURING NIGHT TIME. ========== - RIG MOBILIZATION: 96 % & R/U: 41 %. - TOTAL LOAD RECEIVED: 287 LOADS. - TOTAL EXPECTED: 298 LOADS. ========== - RIG STARTED MOBILIZATION FROM HP YARD ON JAN-01-2026.

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/02/2026 - 03/03/2026

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													- DAYS SINCE STARTED MOBILIZATION: 26.5 DAYS. - RIG EQUIPMENT & PERSONNEL: CRANES= 4, FORKLIFTS =2, TRUCK PUSHERS = 1, RIGGER-I=1, RIGGER-II=1.

Foreman Remarks

========== KRSN-179 WELL OBJECTIVE ==========
WELL KRSN-179. WILL BE DRILLED AS A HRZ. SINGLE LATERAL OIL PRODUCER IN ARAB-C RESERVOIR. A DEVIATED PH WILL BE DRILLED TO EVALUATE ARAB-C / ARAB-D RESERVOIRS. THEN A SIDETRACK WILL BE KICKED OFF & DRILL AS A SINGLE LATERAL HRZ PRODUCER OF ARAB-C TO TD . THE WELL WILL BE COMPLETED WITH ICDS LOWER COMPLETION AND UPPER COMPLETION EQUIPPED WITH PDHMS ON 4-1/2" TUBING.

==========CURRENT LOCATION==========
- CURRENT WELL: KRSN-179
- WELL CHARGE: 66-25015-0179
- WATER WELL: KRSN-903
- APPROVED PROGRAM: NO
- APPROVED ERP: YES.
- LOCATION READINESS: 100%

==========SAFETY==========
- SLS REPORT#: .
- DRILLS: H2S-DRILL.
- SAFETY TOPICS: RIG MOVE & RIG UP SAFETY.
- CAMPAIGNS:
- LEG INJURY WHILE LAYING DOWN BHA
- HAND & FINGER INJURY
- WORKING AT HEIGHTS.
- CRANE & FORK OPERATION.
- SAFETY MEETING: 2 X STAND DOWN MEETING.

==========ARAMCO PERSONNEL ON LOCATION==========
- N/A.

========== SERVICE TOOLS/CREW ON LOCATION ==========
- TAQA H2S/LEL (4EA) INSTALLED ON KRSN-124,125,126 & WELL MANIFOLD (IN SAME CURRENT WELL PAD) SINCE 01/01/2026.

==========ARAMCO VEHICLE ==========
- ARAMCO CAR DOOR NUMBER AB-6873, NEXT SERVICE 4TH MAR, 2026.

==========NOTES ==========
- N/A

========== RIG VISIT ==========
- MR. MOHAMED UNNAIS H&P HSE SUPERVISOR ON LOCATION.
- MR FARES MOHAMMAD H&P HSE LEAD LEADERSHIP DEVELOPMENT TEAM (LDT) ON LOCATION.
- MR. OLIVERIO MENDEZ - DRILLING SUPERVISOR COMPLIANCE ON LOCATION.
- MR. MOHAMMAD AL-DAWOOD H&P RIG SUPERVISOR VISITED RIG.
- MR. ABBAS ALOGAILI H&P RIG MGR VISITED RIG.
- MR. LARRY CONNOR - OPERATION MANAGER VISITED RIG.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,403	PRE TOUR MEETING

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	MH2	RIG	ARM	
Category	CTRG	RIG	H2S	OTHR	WSC	
No. of Persons	16	52	1	37	1	Total 107
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	24	12	12	24	

TRUCKS/BOATS

Standby/Tankers	Others	Others
ARAMCO VEHICLE# AB6873	AMBULANCE	CREW MINI BUS

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter

LIMITED MORNING REPORT

NEW RIG MOBILIZATION BI-MOB

01/02/2026 - 03/03/2026

Computer, Communication & V-Sat Issues

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

MAINTENANCE BI-RM

01/28/2006 - 02/14/2026

T901 @ *RIG MAINTENANCE* Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T901
Well: *RIG MAINTENANCE*
Wellbores:
Charge #: ()
Wellbores:
Objective : (RIG MAINTENANCE)

Foreman(s) ELMANSI, AHMED SABER AHMED / BADRI, TEWFIK
Engineer SINESI, JOHN PATRICK
Manager GARNI, ABDULLAH SALEH

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSA T
0088216777 12891	572-5913	572-3066

Last 24 hr operations
WAITING ON APPROVED MONKEY BOARD INCIDENT RECOVERY PLAN (PHASE # 2) WITH ASSOCIATED APPROVED HSE RISK ASSESSMENT.

Next 24 hr plan
WAITING ON APPROVED MONKEY BOARD INCIDENT RECOVERY PLAN (PHASE # 2) WITH ASSOCIATED APPROVED HSE RISK ASSESSMENT.

Location
250 KM F/DMG. FROM HOFUF 68 KM ON SALWA RD, TURN RIGHT FOR 22 KM BT, TURN RIGHT FOR 14 KM SKID ROAD

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)				

Formation Tops
Formations | Top Depth | Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1600	11		PRE	M	MAIN	RR	DRRK	RIG					WAITING ON APPROVED MONKEY BOARD INCIDENT RECOVERY PLAN (PHASE # 2) WITH ASSOCIATED APPROVED HSE RISK ASSESSMENT.
1600 - 1630	0.5		PRE	M	MAIN	RR	DRRK	RIG					DISCUSS RIG SP-27 INCIDENT WITH RIG CREW, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
1630 - 0000	7.5		PRE	M	MAIN	RR	DRRK	RIG					WAITING ON APPROVED MONKEY BOARD INCIDENT RECOVERY PLAN (PHASE # 2) WITH ASSOCIATED APPROVED HSE RISK ASSESSMENT.
0000 - 0030	0.5		PRE	M	MAIN	RR	DRRK	RIG					DISCUSS RIG SP-27 INCIDENT WITH RIG CREW, EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
0030 - 0459	4.5		PRE	M	MAIN	RR	DRRK	RIG					WAITING ON APPROVED MONKEY BOARD INCIDENT RECOVERY PLAN (PHASE # 2) WITH ASSOCIATED APPROVED HSE RISK ASSESSMENT.

Foreman Remarks

========== SAFETY ==========
DRILL: 00. NEAR MISS: 00.
HSE ALERTS - WEEK#01: 01-26.
==========ARAMCO PERSONNEL ==========
> ARAMCO CLERK, MANIKANDA MADASWAMY # 8058723 ON LOCATION SINCE 12/01/2025.
> ARAMCO MATERIAL EXPEDITOR, ABDULLAH ALHARBI #8254482 ON LOCATION SINCE 01/14/2025.
> ARAMCO HSE ADVISOR MOHAMED SAWAN #8553278 ON LOCATION SINCE 1/21/2026.
==========RENTAL TOOLS==========
> NAPESCO 12" SHOCK TOOL S/N: ST-1200-0005 ON LOCATION SINCE 01/07/2026.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	N/A	N/A	N/A	2,976	N/A

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	RIG	ARM	ARM	
Category	CTRG	RIG	OTHR	OTHR	WSC	
No. of Persons	18	27	15	3	2	Total 65
Personnel on Loc. Hrs.	24	24	24	24	24	
Operating Hours.	0	0	0	0	0	

TRUCKS/BOATS

Standby/Tankers
N/A

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	340	257	N/A	6000

LIMITED MORNING REPORT

MAINTENANCE BI-RM

01/28/2006 - 02/14/2026

REPAIR ASAP	Instrumentation	Other	Reporter
	Computer, Communication & V-Sat Issues		

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Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

DNAN-452014 EXPLORATION DRILLING BI-1514

01/19/2026 - 02/25/2026

أرامكو السعودية
saudi aramco

T902 @ DNAN-452014 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View) Copyright 2026 Saudi Aramco. All Rights Reserved Daily Onshore (0500-0500) Saudi Aramco Date: Wednesday 01/28/2026	Rig T902 Well DNAN-452014 Wellbores: (0) DNAN_452014_0	Charge #: (85-25752-7822) Wellbores: (0) DNAN_452014_0	Objective : (TEST THE POTENTIAL AND DELIVERABILITY OF JAFURAH BLOCKS FOR A LATERAL OF 10,300' W/ 1,320' SPACING)	Foreman(s) BOUSSAA, ABDERAOUF / BOUKHELKHAL, SALAH EDDINE Engineer SINESI, JOHN PATRICK / ALZAMIL, MOHAMMED ABDULLAH Manager GARNI, ABDULLAH SALEH THURAYA +88216-777 -12892 / RIG FORMAN VSAT 577-6995 / CONTRACTOR /CLERK VSAT 577-6589

Last 24 hr operations	Next 24 hr plan
R/U ON DNAN-452014.	R/U ON DNAN-452014.

Location	Next Location
DNAN-452014	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	59	59

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1830	13.5	0	PRE	M	MAIN	RR	DRRK	RIG	0	0			HOLD SAFETY MEETING WITH RIG CREW AND ALL PERSONNEL INVOLVED IN RIG MOVE FOR SAFE WORK PRACTICES. DISCUSS STOP WORK AUTHORITY, FALL PROTECTION DURING WORK AT HEIGHT, DROP OBJECTS RISK, POTENTIAL HAZARDS, JSA & RISK ASSESMENT. ========== RIG MOVE & RIG UP ON DNAN-452014. > CONNECTED TRIP TANK. > EXTEND WATER LINE TO RIG WATER TANKS & TEST. > RIG UP MUD TANKS - ONGOING. > RIG UP HP LINE - ONGOING. > WORK ON DUMP & DITCH LINE - ONGOING. > MISCELLANEUOS WORKS. > RECEIVE & UNLOAD 18-5/8" & 9-5/8 CSG. > DSL ENGINEER INSPECTED MONKEY BORD AND MAST PADEYES & PINS. > WAITING ON ACTION PLAN FROM DSL OFFICE.
1830 - 1900	0.5	0	PRE	M	RM	PJSM	NA	ARM	0	0			SHUTDOWN OPERATION TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW/ DAY SHIFT > EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
1900 - 0000	5	0	PRE	M	MAIN	RR	DRRK	RIG	0	0			RIG UP ON DNAN-452014. > RECEIVED ACTION PLAN FROM DSL: - TWO CONNECTIONS BETWEEN MAST & MONKEY BOARD SUPPORT BRACE NEED REPAIR. > SPOOL DRILLING LINE TO DRAWWORKS DRUM - ONGOING. > R/U VENT LINE -ONGOING. > RIG UP MUD TANKS - ONGOING. > WORK ON DUMP & DITCH LINE - ONGOING. > MISCELLANEUOS WORKS.
0000 - 0030	0.5	0	PRE	M	MAIN	PJSM	NA	ARM	0	0			SHUTDOWN OPERATION TO DISCUSS RIG SP-27 INCIDENT WITH RIG CREW/ NIGHT SHIFT > EMPHASIS ON SWA, STAY AWAY FROM LINE OF FIRE AND HAVE PROPER COMMUNICATION BETWEEN DRILLER AND RIG CREW WHILE RIH.
0030 - 0459	4.5	0	PRE	M	MAIN	RU	NA	RIG	0	0			R/U AT NEW WELL DNAN-452014. R/D =100%, R/M= 100%, R/U = 60% ==========R/U OPERATIONS========== > SPOOL DRILLING LINE TO DRAWWORKS DRUM > R/U POOR BOY DEGASSER > R/U MIXING HOPPER PUMPS. > REPLACE DRAWWORKS MOTOR A. > R/U VENT LINE -ONGOING. > RIG UP MUD TANKS - ONGOING. > WORK ON DUMP & DITCH LINE - ONGOING. > MISCELLANEUOS WORKS. ========== RIG MOVE RECOMMENDATIONS FOR RAISING THE MAST & SUBSTRUCTURE: RIG SUPT'S ON LOCATION TO ATTEND RAISING MAST & SUBSTRUCTURE (NO). RECEIVED A DETAILED AND APPROVED RAISING MAST & SUBSTRUCTURE PROCEDURE (DONE)

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:48
Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

DNAN-452014 EXPLORATION DRILLING BI-1514

01/19/2026 - 02/25/2026

أرامكو السعودية
saudi aramco

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth		Event depth		Summary of Operations
									Start	End	Start	End	
													CONNECT RIG WATCH SYSTEM BEFORE RAISING MAST & SUBSTRUCTURE (ONGOING) INSTALL CAMERA TO RECORD RAISING MAST AND SUBSTRUCTURE (ONGOING). ========== - EQUIPMENT AT DMM BASE: > IRON ROUGHNECK FOR CAT IV INSPECTION SINCE 01/19/26. > TOP DRIVE FOR GENERAL MAINTENANCE SINCE 01/19/26. > 10K 13-5/8" BOP STACK FOR VISUAL CHECK SINCE 01/24/26. - EQUIPMENT INSPECTION AT RIG SITE: > OEM INSPECTION ON MONKEY BOARD PADEYES & PINS BEFORE R/U - ON GOING .. ========== > DAYS SINCE RIG RELEASED = 9.46 DAYS. > EXPECTED SPUD DATE: 02/01/2026.

Foreman Remarks

THE WELL DNAN-452014 IS PART OF THE DEVELOPMENT DE-RISKING PLAN FOR JAFURAH. THE OBJECTIVE OF DNAN-452014 WELL IS TO TEST THE POTENTIAL AND DELIVERABILITY OF JAFURAH BLOCKS FOR A LATERAL OF 10,300 FEET WITH A SPACING OF 1,320 FEET WITH MINIMUM LOGGING MWD-GR ONLY. THE WELL IS TO BE DRILLED TO THE SOUTH WITH 167 DEG AZIMUTH.
WELL WILL BE COMPLETE WITH 5-1/2" CEMENTED LONG STRING MONO-BORE COMPLETION.
========== SAFETY ==========
ERP: NONE.
DRILL: NONE.
NEAR MISS: 0.
HSE ALERTS, D&WO WEEK#5: REEL-SAFE: 03-26 CATWALK RAMP LIFTING POINT FAILURE.
========== WELL INFO ==========
PLAN/ACTUAL:
18-5/8"CASING @ 547' /
13-3/8"CASING @ 5073' /
9-5/8" CASING @ 7189' /
5 1/2" CASING @ 21,305'/
==========ARAMCO PERSONNE ==========
- ARAMCO MATERIAL EXPEDITOR ANAS AL KHAMIS # 8680618 ON LOCATION SINCE 01/14/2026.
==========RENTAL TOOLS==========

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	NA	SEASONAL	674	2 X DAILY

PERSONNEL AND SERVICES INFORMATION

Company	LIG	RIG	BAR	RIG	ARM	ARM	OTH	WSC
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	VAC	WTERLNE
No. of Persons	16	47	8	41	1	2	1	2
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	12	12	24	10	8

Total 118

TRUCKS/BOATS

Standby/Tankers
B-954

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	537	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

NYYM-1 WORKOVER-4 BI-60

01/26/2026 - 02/07/2026

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T907 @ NYYM-1 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
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Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: T907
Well: NYYM-1
Wellbores: (0-2) NYYM_1_2

Charge #: (72-25068-0001)
Wellbores: (0-2) NYYM_1_2

Objective : (G | PACKER: REPAIR OR CHANGE PACKERS AND/OR CHANGE SETTING DEPTH)

Foreman(s) MEZIANE, AMAR / AHMAD, AHMAD SHAABAN
Engineer ALMULHIM, ABDULLAH SAAD / MUTAIRI, AHMAD DHAIFALLAH
Manager LAHLAH, AZZEDINE

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0082167771 1442	013-574-69 91	013-511-51 71

CONTRACTOR /CLERK VSAT: 013-574-69 67

Last 24 hr operations	Next 24 hr plan
R/D ON NYYM-149, R/M & R/U ON NYYM-1.	R/D ON NYYM-149, R/M & R/U ON NYYM-1.

Location	Next Location
466 KM FROM DHAHRAN MAIN GATE	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
12,926	7	7485	7485				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
12926	0 (@)		0	466	677

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0600	1	0-2	PRE	N	RM	PJSM	NA	RIG	12926	12926			HPJSM WITH RIG CREW & ALL PERSONNEL, DISCUSSED POTENTIAL HAZARDS WHILE RIG DOWN OPERATIONS, PROPER PROCEDURE WHILE WORKING AT HEIGHT, THE USE OF WORK PERMIT FOR EACH HANDLING TASK, ELECTRICAL & SIMILAR OPERATIONS AND STOP WORK AUTHORITY.
0600 - 1700	11	0-2	PRE	N	RM	RD	NA	RIG	12926	12926			R/D ON NYYM-149 & R/M TO NYYM-1. - R/D ON NYYM-149: 60 %. - R/M TO NYYM-1: 45 %. - R/U ON NYYM-1: 20 %. - R/U MUD SYSTEM AT NEW LOCATION. - SAFELY LOWER MAST & SUB-STRUCTURE AS PER OEM. - DISMANTLE MAST & SUB-STRUCTURE ...ONGOING. - R/D & R/M MAIN ENGINES. - R/D & R/M MUD PUMPS. - RIG MOVE DISTANCE: 3 KM SKID ROAD. - RIG RELEASED SINCE 1/25/2026 @ 05:00, 3 DAYS. - NYYM-149 SECURED WITH 3-1/2" SLB SIMPLUS PLUG, SET @ 8,295 FT.
1700 - 0459	12	0-2	PRE	N	SUSP	OTH	NA	RIG	12926	12926			SUSPEND OPERATIONS AND WAIT FOR DAY LIGHT.

Workover Objectives

Foreman Remarks

- ODF CORRECTION:
==========
>> SAFETY:
- RIG HSE INSPECTION, ON 20-MAY-2025, 1 EA P4 OPEM ITEM.
- SAOWOD IN HOUSE INSPECTION, ON 30-DEC-2025, 6EA P3 OPEN ITEMS & 4EA P2 OPEN ITEMS.
- 4TH QSI, ON 13-DEC-2025, 7EA P3 OPEN ITEMS.
==========
>> ARAMCO BOP:
- ARAMCO FOREMAN HISHAM ALSOWAIGH ID# 831193 ON LOCATION.
- ARAMCO FCT SAAD AL-AHMARI ID# 787291 ON LOCATION.
- ARAMCO FCT IBRAHIM AL-SARHYD ID# 831804 ON LOCATION.
- ARAMCO ME ALTANEM, SALEH K ID# 8350279 ON LOCATION.
==========
>> DRILLING WATER:
- WATER WELL NYYM-810, DISTANCE 15 KM.
- 05 X RAW WATER TANKERS ON LOCATION SINCE 12/09/2025.
==========
>> NEXT LOCATIONS:
- NYYM-133: KOM DONE BY SINO-11 ON 4/16/2025, STRIP OUT: 100 %, LOCATION: 80 %.
- NYYM-137: KOM DONE BY SINO-11 ON 4/16/2025, STRIP OUT: 100 %, LOCATION: 100 %.
==========
>> T907 MANAGEMENT VISIT:
- - T907 SUPT JORDAN GRINDSTAFF ON LOCATION TO ATTEND RIG MOVE.
==========
>> SERVICE COMPANIES ON LOCATION:
- SCOMI MUD ENGINEER.
- SLB RETRIEVABLE PLUG.
- NESR SLICKLINE.
- OILSERV CEMENTING.
==========

Username: YUAYANAL
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Report ID: OPERLMTDMRREP

LIMITED MORNING REPORT

NYYM-1 WORKOVER-4 BI-60

01/26/2026 - 02/07/2026

>> RENTAL TOOLS ON LOCATION:
- N/A.

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	SEASONAL	NO	SEASONAL	2,451	R/D RIG & R/M

PERSONNEL AND SERVICES INFORMATION

Company	SCB	LIG	RIG	GDF	ASH	RIG	ARM	OCT	NSL	ARM
Category	BRCR	CTRG	RIG	DFMS	FLD	OTHR	OTHR	PCS	SLS	WSC
No. of Persons	2	17	46	1	5	73	4	4	3	2
Personnel on Loc. Hrs.	24	17	24	24	24	24	24	24	24	24
Operating Hours.	12	0	24	24	12	12	12	12	12	24

Total
157

TRUCKS/BOATS

Standby/Tankers
E968 (LAST INSPECTION AT 07 DEC 25)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	1100

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:49
Report ID: OPERLMTDMRREP

SFNY-1540 WORKOVER-1 BI-60

03/16/2024 - 01/31/2026

V108 @ SFNY-1540 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: V108
Well: SFNY-1540
Wellbores: (0) SFNY_1540_0

Charge #: (72-23013-1540)
Wellbores: (0) SFNY_1540_0

Objective : (V | CHANGE WELL STATUS: WORKOVER REQUIRED TO CONVERT FROM ONE TYPE TO DIFFERENT TYPE (EXAM: PROD TO OBS))

Foreman(s): SEYFRIED III, EDWARD LEE / MOSTAFA, AMR MOSTAFA
Engineer Manager: AKPAMA, GEORGE ARCHIBONG / ALGHUNUM, TURKI MOHAMMED GHAMDI, NAWAF AHMED

THURAYA	RIG FORMAN VSAT	OTHER VSAT
00882 1677 7 14196	673-6120	673-6124
OTHER VSAT	CONTRACTOR /CLERK VSA T	
673-6125	673-6121	

Last 24 hr operations: L/D TUBULARS FROM DERRICK, PREPARE TO MOVE RIG TO MNIF - 570/579 PF.

Next 24 hr plan: L/D TUBULARS FROM DERRICK, PREPARE TO MOVE RIG TO MNIF - 570/579 PF.

Location: SFNY-1540/1549

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
7,427	9 5/8	7813	7806				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7427	25.4 (01/05/2026@0700)	100	0	246	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0515	0.25	0	EOW	C	SUSP	OTH	NA	RIG	8410	8410			HPJSM WITH ALL INVOLVED PERSONNEL PRIOR SKID IN CANTILEVER.
0515 - 0630	1.25	0	EOW	C	SUSP	OTH	NA	RIG	8410	8410			PREPARE & SKID IN CANTILEVER, CONDUCT POST SKIDDING CHECKS.
0630 - 0645	0.25	0	EOW	C	SUSP	PJSM	NA	RIG	8410	8410			HPJSM WITH ALL INVOLVED PERSONNEL PRIOR LAYING DOWN TUBULARS.
0645 - 1200	5.25	0	EOW	C	SUSP	OTH	NA	RIG	8410	8410			L/D TUBULARS FROM DERRICK TO CANTILEVER (6 JTS OF 6.5" DC + 9 JTS OF 5.5" HWDP).
1200 - 1215	0.25	0	EOW	C	SUSP	PJSM	NA	RIG	8410	8410			HPJSM WITH INCOMING CREW PRIOR CONTINUE LAY DOWN TUBULARS.
1215 - 0000	11.75	0	EOW	C	SUSP	OTH	NA	RIG	8410	8410			CONT. L/D TUBULARS FROM DERRICK TO CANTILEVER (18 JTS OF 5.5" HWDP + 144 JTS OF 5.5" DP).
0000 - 0015	0.25	0	EOW	C	SUSP	PJSM	NA	RIG	8410	8410			HPJSM WITH INCOMING CREW PRIOR CONTINUE LAY DOWN TUBULARS.
0015 - 0459	4.75	0	EOW	C	SUSP	OTH	NA	RIG	8410	8410			CONT. L/D TUBULARS FROM DERRICK TO CANTILEVER (TOTAL COMPLETED: 6 JTS OF 6.5" DC + 27 JTS OF 5.5" HWDP + 216 JTS OF 5.5" DP). * IN PROGRESS AT REPORT TIME. * MEANWHILE BACKLOAD EQUIPMENT & PREPARE FOR RIG MOVE.

Workover Objectives

Foreman Remarks

OBJECTIVES: THE WELL WILL BE DRILLED AS A PLATFORM LOCATOR VERTICAL EVALUATION/OBSERVATION MUD LINE SUSPENSION (MLS) IN THE EASTERN FLANK OF CENTRAL SFNY FIELD TO AN ESTIMATED TOTAL DEPTH OF +/- 8,987 FT MD/TVD TO EVALUATE WARA, SFNY, KHFJ, ZUBR AND RTWI RESERVOIRS
==========
* RIG POSITION: LAT: 28* 24.04 N & LONG: 048* 09.91 E. RIG HEADING: 330 DEG.
==========
RIG DATA:
- HEADING 330 DEG.
- STBD LEG PEN = 7.2 FT ; - PORT LEG PEN = 7.6 FT; BOW LEG PEN = 6.7 FT
- AIR GAP= 37
- MSL = 100.6
- RKB TO PLATFORM = 61.2 FT
- WATER DEPTH= 45 FT

HELD H2S, FIRE & ABANDONMENT DRILL 01/20/2026.
* IN-HOUSE WEEKLY HSE CAMPAIGN: SOAR CARDS TREND (LOF POSITION, HOUSEKEEPING) WATER CONSERVATION.
* REVIEW SAFETY ALERT #04-26 & #05-26
==========
SFNY-1540 MLS (TIEBACK CEMENTED MLS STRINGS TO SURFACE) OBSERVATION WELL WARA AND SFNY, WAIT ON COMPELTION RUN.
==========
PERSONNEL ONBOARD:
* ARAMCO MATERIAL EXPEDITOR NAWAF ALROWAILI # 8497398 ON BOARD SINCE 26-DEC-2025.
* ARAMCO MATERIAL EXPEDITOR AHMED N ALHAZMI #8547349 ON BOARD SINCE 27-JAN-2026.
==========
NEXT LOCATION MNIF 570/579: ESTIMATED R/M 01/31/2026
* RIG MOVE REQUEST #4014035 & #4014034 (SUBMITTED)
* LOCATION PDS # 800025374 (SUBMITTED)
* HSU RIG NAVIGATION REQUEST # 8800025376 (SUBMITTED)
* RIG MOVE MEETING REQUESTED 01/19/2026 (REQUESTED)
** MOMS DIVER SURVEY REQUESTED 1/22/2026 (DP-2026-20132)
==========
** ARO DIRECTOR QHSE NICOLAS LE GOUHNINEC #8686922 ON RIG 5/11/2025, LEFT RIG 5/13/2025
** ARO OPS MANAGER DAVID J RAY #8842854 LEFT 5/20/2025.
** ARO HR SUPERVISOR DHAHIR JAFAR AL HAMDAN # 8165300 LEFT RIG 5/20/2025.
** ARO RIG MGR MAHMOUD AHAMD SBAITAN ID #8072189 LEFT 10/27/2025.
** ARO HR THAMER MUTAIRI ID #8341056 LEFT 10/27/2025.

LIMITED MORNING REPORT

SFNY-1540 WORKOVER-1 BI-60

03/16/2024 - 01/31/2026

==========

SKIP & SHIP OPERATIONS:

* EMPTY SKIPS ONBOARD = 3
* EMPTY SKIPS ON BOAT =10
* FULL SKIPS ONBOARD= 7
* FULL SKIPS ON BOAT = 0
* SKIPS USED FOR WELL = 198
* TOTAL TONNAGE WELL = 1386

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	DAILY	5-10 KNTS SSE	1-2 FT	SEASONAL	1,986	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	A20	RIG	BDF	ARM	SCM	ARM	FME
Category	CTRG	RIG	DFMS	OTHR	PCS	WSC	WHES
No. of Persons	12	50	1	2	1	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24
Operating Hours.	0	24	24	24	24	24	0

Total 69

TRUCKS/BOATS

Standby/Tankers
RAWABI-207 (SSB)

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
3027	1065	1015	796	0	1042

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

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ZULF-704 DEVELOPMENT DRILLING BI-60

01/07/2026 - 10/14/2026

V141A @ ZULF-704 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: V141A
Well: ZULF-704
Wellbores: (0) ZULF_704_0

Charge #: (66-25062-0704)
Wellbores: (0) ZULF_704_0

Objective : (THE WELL IS A DUAL LATERAL ESP OIL PRODUCER TARGETING KHFJ RESERVOIR.)

Foreman(s): ALMUTAIRI, NAWAF SHOUF / CORREA, DAVID EDUARDO FERNANDEZ
Engineer Manager: VALIYEV, MEHDI / QATTAN, JOWD ABDULLAH RAJHI, MOHAMMAD ALI

THURAYA	RIG FORMAN VSAT	OTHER VSAT
8216777125 46	378-8321	3788322

CONTRACTOR /CLERK VSA T: 378-8323

Last 24 hr operations: DRILL 16" HOLE W/ SLB MM/MWD ASSY. , CHC, CONT. DRILLING 16" HOLE W/ SLB MM/MWD ASSY.

Next 24 hr plan: CONT. DRILLING 16" HOLE W/ SLB MM/MWD ASSY. TO 13 3/8" CSG PT AT +/- 5044 FT, CHC, PERFORM WIPER TRIP.

Location: ZULF-700/709
Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
4,000	18 5/8	1580	1571				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
2912	6.9 (01/24/2026@2200)	100	1,088	245	

Formation Tops

Formations	Top Depth	Comments
PNGU	768	767 TVD
RUS	1,520	1516 TVD
UERA	1,805	1799 TVD

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1730	12.5	0	16	N	DRLG	DMR	MMOT	SDM	2912	3750			DIRECTIONAL DRILL AND TAKE MWD SURVEYS WITH 16" SLB MM/MWD ASSY. - SWEEP HOLE WITH 40 BBLS HI-VIS EVERY 45 FT, DROP 5 RAPID SWEEP STICKS EVERY CONNECTION. - REAM UP & REAM DOWN ONE SINGLE EACH STAND, TAKE SURVEY AFTER CONNECTION.
1730 - 2200	4.5	0	16	N	DRLG	CIRC	MPMP	RIG	3750	3750			PUMP SWEEPS AND CHC TO UNLOAD THE ANNULUS BEFORE DRILL ARUMA FM.
2200 - 2215	0.25	0	16	N	DRLG	CIRC	MPMP	RIG	3750	3750			PERFORM FLOW CHECK, WELL STATIC.
2215 - 0459	6.75	0	16	N	DRLG	DMR	MMOT	SDM	3750	4000			DIRECTIONAL DRILL AND TAKE MWD SURVEYS WITH 16" SLB MM/MWD ASSY. - CONTROL ROP TO MAX 120 FPM THROUGH ARUMA FM. - SWEEP HOLE WITH 40 BBLS HI-VIS EVERY 45 FT, DROP 5 RAPID SWEEP STICKS EVERY CONNECTION. - REAM UP & REAM DOWN EACH STAND, TAKE SURVEY AFTER CONNECTION. - FOOTAGE ROTATE: 78 % & FOOTAGE SLIDE: 22 % - WELL PATH DISTANCE FROM PLAN: 11 FT ABOVE, 1.66 FT RIGHT.

Foreman Remarks

ZULF-704 WILL BE DRILLED AS IS A DUAL LATERAL ESP PRODUCER WITH PILOT HOLE TARGETTING KHFJ RESERVOIR.
==========
CURRENT LOCATION DATA:
- RIG CURRENT LOCATION: ZULF-700/709 PF
- RIG HEADING 330 DEG
- AIR GAP = 38 FT
- WATER DEPTH= 101 FT
- RKB TO MSL= 106 FT
- FINAL LEG PENETRATION: BOW LEG: 14 FT | STBD LEG : 15 FT | PORT LEG : 15 FT
==========

========== PLATFORM SEQUENCES ==========
ZULF-700 MLS: (COMPLETED TIE-BACK OPERATION), SUSPENDED FOR COMPLETION.
ZULF-701: 22" SECTION | (SUSPENDED FOR 16" HS)
ZULF-702: 22" SECTION | (SUSPENDED FOR 16" HS)
ZULF-704: 22" SECTION | (CURRENT 16" HS)
ZULF-706: 22" HOLE DONE, 16" HOLE DONE.
==========
ZULF-701 - DL WELL W/ PH
ZULF-702 - SL WELL
ZULF-704 - DL WELL
ZULF-706 - SL WELL W/ PH
==========
ARAMCO PERSONNEL:
- ARAMCO FCT ADVISOR HASSAN MUGHARBIL #763743 ARRIVED RIG ON 20-JAN-2026.
- ARAMCO ME ABDULAZIZ GHAZWANI #821418 DEPARTED RIG ON 27-JAN-2026.
- ARAMCO ME FAISAL AL ZAHRANI # 8582992 ARRIVED RIG ON 13-JAN-2026.
==========
ARO PERSONNEL:-
- ABDULLAH A SHQDAR ARO ASS. RIG MANAGER DEPARTED RIG ON 20-JAN-26.
- WILLIAM CHAD AVERA ARO RIG MANGER DEPARTED RIG ON 23 DEC 2025.
- ERIC RAYMOND MIDDEN ARO DIRCTOR ARRIVED RIG ON 27-JAN-2026.
- MOHAMED ALHEGAWY ARO DIRCTOR ARRIVED RIG ON 27-JAN-2026.
==========
HSE:

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01/07/2026 - 10/14/2026

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- MAN DOWN CASUALTY DRILL: 19-JAN-26
- CONFINED SPACE DRILL: 19-NOV-25
- LAST ABANDON DRILL, FIRE AND H2S DRILLS: 16-JAN-26.
- PERFORMED MAN-OVER BOARD DRILL ON 05-NOV-25.
- PERFORMED MAN-DOWN RESCUE DRILL ON 10-DEC-25.
- PERFORMED CONFINED SPACE RESCUE DRILL ON 19-JAN-26.
- PERFORMED MAN DOWN RESCUE FROM CRANE BOOM 21-OCT-24.
- PERFORMED RESCUE FROM BILLY POUGH SIMULATED CRANE BREAKDOWN 21-OCT-24.
- PERFORMED RESCUE FROM DERRICK CROWN 23-SEPT 24.
- PERFORMED RESCUE FROM MANRIDING IN DERRICK 23-SEPT-24.
- PERFORMED RESCUE DRILL USING CRANE ON 20-JAN-26.
- HSE ALERT SHARED AND DISCUSSED AS RECEIVED 06-26 & 07-26 & REEL-SAFE 02-26.

==========RENTAL EQUIPMENT==========

9 1/2" NESR JAR HDJA 950-0009 ONBOARD.

DAILY SURVEY

Lateral	Survey MD	Angle	Azimuth	CLength	TVD	N/S(-)Coordinate	E/W(-)Coordinate	Vertical Sec	DLS
0	2,958	25	83.18	91	2,904	30.27	129.26	435.55	1.99
0	3,048	24.84	83.22	90	2,985	31.64	140.73	473.25	0.18
0	3,140	24.68	85.61	92	3,069	32.78	152.42	511.5	1.1
0	3,231	25.44	87.38	91	3,151	33.5	164.15	549.64	1.17
0	3,325	27.23	86.37	94	3,235	34.19	176.84	590.92	1.96
0	3,418	27.45	86.67	93	3,318	34.98	189.83	633.3	0.28
0	3,512	27.58	85.55	94	3,401	35.88	203.04	676.45	0.57
0	3,605	27.26	86.44	93	3,484	36.8	216.06	719.06	0.56
0	3,700	26.5	88.92	95	3,569	37.33	229.14	761.67	1.43
0	3,794	27.62	88.52	94	3,652	37.62	242.17	804.04	1.21
0	3,887	27.62	89.66	93	3,735	37.83	255.3	846.76	0.57
0	3,980	27.47	88.92	93	3,817	37.99	268.41	889.39	0.4

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	4.6API	0	0 Volts	3.35	9.57	61,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
91	0HTHP	93	23	0	8 / 11	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
52	1	18	7	7 / 10	5	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69.5 PCF	0	5API	0	0 Volts	2.84	9.72	61,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
91	0HTHP	93	24	0	8 / 12	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
55	1	19	7	8 / 11	5	240	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
69.5 PCF	0	4.8API	0	0 Volts	2.77	9.68	62,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
90	0HTHP	93	22	0	8 / 11	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
53	1	18	7	7 / 11	5	240	0

MUD TREATMENT

POLY-SAL	XC	SODASH	H2S-SCAV-L	BCTRN	CAUST	HYDREX9541
28 (55LB)	18 (55LB)	6 (100LB)	2 (55GL)	8 (5GL)	8 (50LB)	2 (100LB)
PACLV	**PENETREX**	**RAPIDSWEEP**	**NEWDRLPLUS**	**MRBL-M**	**MAX-GUARD**	
16 (55LB)	4 (55GL)	4 (25LB)	16 (55LB)	2 (2200L)	4 (55GL)	

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
2RR	1,585	4,000	DP Av	DC Av	Bit HHP	22	40	M323	16	HTC
Pressure	**GPM**	**Jet Vel**	109.44	149.06	423	**I-Row**	**O-Row**	**DC**	**Location**	**Bearings**
1,400	1,008	294				N/A	N/A	N/A	N/A	N/A
Serial Numi	**Type**	**Jets**	**TFA**							
7917977	DD607X	10 x 12 /	1.104							
Gauge	**Other**	**POOH Reas**								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	25	224	220	214	224		110
Shock Sub Serial	**Shock Sub Hrs**	**Mud Motor Seria**	**Mud Motor Hrs**				
			25				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
18	Drillpipe	RIG	5.5	1	5.5	4.67	31	812.52	VX54	VX54	24.7	90,828.802	VM105	NEW	
17	Heavy Weight	RIG	5.5	9	5.5	4	274.98	781.52	VX54	VX54	42.9	90,063.102		CONV	

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LIMITED MORNING REPORT

ZULF-704 DEVELOPMENT DRILLING BI-60

01/07/2026 - 10/14/2026

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Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
	Drillpipe (HWDP)														
16	Crossover	RIG	8.5	1	8.5	2.813	2.53	506.54	6 5/8 REG	VX54	0	78,266.46			000
15	Drillcollar	RIG	8.5	3	8.5	2.813	92.24	504.01	6 5/8 REG	6 5/8 REG	169	78,266.46		SPRL	
14	Crossover	RIG	9.5	1	9.5	3	2.69	411.77	7 5/8 REG	6 5/8 REG	0	62,677.9			000
13	Drillcollar	RIG	9.5	2	9.5	3	61.51	409.08	7 5/8 REG	7 5/8 REG	198	62,677.9		SPRL	
12	Hydro-Mechanical Jar	NPJ	9.5	1	9.5		27.24	347.57			0	50,498.92			HDJA 950-0009
11	Drillcollar	RIG	9.5	7	9.5	3	211.33	320.33	7 5/8 REG	7 5/8 REG	198	50,498.92		SPRL	
10	Screen sub	SDM	9.5	1	9.5	3	6.05	109	7 5/8 REG	7 5/8 REG	0	8,655.58			950-8008
9	Float Sub	SDM	9.5	1	9.5	3	2.73	102.95	7 5/8 REG	7 5/8 H90	0	8,655.58			AOTC-1072
8	Non Magnetic Drill Collar (NMDC)	SDM	9.5	1	9.5	2.813	18.08	100.22	7 5/8 REG	7 5/8 REG	186	8,655.58		SPRL	NR20
7	Saver Sub	SDM	9.625	1	9.625	3	1.25	82.14	H90	H90	40	5,292.7			GTF-5150-2-2
6	Measurement While Drilling (MWD)	SDM	9.5	1	9.5		24.95	80.89			186	5,242.7			PR7149
5	Saver Sub	SDM	9.625	1	9.625	3.5	1.3	55.94	7 5/8 REG	7 5/8 REG	40	602			GTF-4717-1-2
4	Pony Collar	SDM	9.63	1			13.75	54.64			40	550			3458-1
3	Stabilizer	SDM	16	1	16	3	6.79	40.89	7 5/8 REG	7 5/8 REG	0	0			AOT-1052
2	Mud Motor	SDM	9.625	1	9.625		32.52	34.1			0	0			B0165
1	Bit	HTC	16	1	16		1.58	1.58				0			7917977

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	10-13 KNTS	1-3 FT	SEASONAL	674	TOURLY & WEEKLY

PERSONNEL AND SERVICES INFORMATION

Company	ITS	GOS	FET	SDM	RIG	EMC	RIG	ARM	BCM	ARM	CAM
Category	CSR	CTRG	DV	DPDS	RIG	DFMS	OTHR	OTHR	PCS	WSC	WHES
No. of Persons	4	13	1	3	50	2	2	2	4	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	0	0	24	24	24	0	12	0	24	0

Total
84

TRUCKS/BOATS

Standby/Tankers
TOPAZ KARAMA

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
1175	1625	2064	8612	N/A	5250

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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ZULF-162 WORKOVER-2 BI-60

01/24/2026 - 02/10/2026

V76 @ ZULF-162 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily OffShore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: V76
Well: ZULF-162
Wellbores: (0) ZULF_162_0

Charge #: (72-25062-0162)
Wellbores: (0) ZULF_162_0

Objective : (2 | ESP: INITIAL INSTALLATION OF ELECTRIC SUB-MERSIBLE PUMP)

Foreman(s): DAWOUD, AHMED MOHAMED / MOHAMED, AHMED BAHAAELDIN AHMED / ALGHAMDI, ABDULLAH AHMED
Engineer Manager: ALSHAHRANI, ABDULAZIZ MOHAMMED / SHEHRI, TALAL HASAN

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2865	673-5482	673-9162

CONTRACTOR /CLERK VSA T: 673-3264

Last 24 hr operations
REMOVED MOORING ROPES. PF HANDOVER. WAIT ON RIG MOVE MASTER AND RIG MOVE BOATS. WAIT ON DAY LIGHT.

Next 24 hr plan
CONNECT BOATS. WTI. RIG MOVE F/ EAST TO WEST OF ZULF-152/163 PF. MANEUVER. APPROACH PF & CARRY OUT PRE-LOAD

Location
THE NORTH WESTERN SLOT OF ZULF-158/163 PLATFORM.

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,020	9 5/8	6534	5420	7	3,998	7,941	6,580

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
7945	0 (@)		0	250	

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0800	3	0	PRE	N	RM	OTH	NA	RIG	0	0			HPJSM, REMOVED MOORING ROPES. - HANDOVER ZULF 152/163 PLATFORM TO ZULF FIELD SERVICE AND PRODUCTION ENGINEER.
0800 - 1700	9	0	PRE	N	RM	RM	NA	RIG	0	0			WAIT ON RIG MOVE MASTER AND RIG MOVE BOATS TO MOVE RIG FROM ZULF 152/163 PF EAST SIDE TO WEST SIDE ON SAME PLATFORM.
1700 - 0459	12	0	PRE	N	RM	WODL	NA	ARM	0	0			WAIT ON DAY LIGHT TO MOVE RIG FROM ZULF 152/163 PF EAST SIDE TO WEST SIDE ON SAME PLATFORM. - RMM ARRIVED ON RIG AT 17:00 HRS. - RIG MOVE BOATS ON LOCATION: RAWABI-202, RAWABI-205 AND DAY TIDE.

Workover Objectives

Foreman Remarks

* CURRENT LOCATION: ZULF-152/163 PLATFORM
* RIG HEADING 078 DEG.
* NO ANCHORING IN PORT SIDE.
* WATER DEPTH 133 FT.
-

CURRENT PLATFORM (ZULF-152/163) TO WORKOVER ON 8 WELLS.
- CURRENT WELL ZULF-162: INITIAL INSTALLATION OF ELECTRIC SUB-MERSIBLE PUMP
- ZULF-156 COMPLETED.
- ZULF-155: COMPLETED.
-

- ZAMIL-LB-1 BARGE SECURED PASSING WELLS ZULF-158,159, 160 &161 ON 13 &15-NOV-2025.
- ZAMIL-LB-1 BARGE SECURED PASSING WELLS ZULF-152, ZULF-153 & ZULF-157 ON 16 &17-NOV-2025. .
- FS AND ARAMCO FOREMAN CHECK WELLS THRU X-MASS TREE ALL WELLS ZERO PRESSURE ON NOV 18, 2025.
-

** PCI UPDATE:
TOTAL REMAINING PCI OPEN ITEMS 7.
REMAINING OPEN ITEMS:
- OPERATIONAL PCI OPEN ITEMS - P4: 6.
- SAFETY PCI OPEN ITEMS - P4: 1
-

- ARAMCO CLERK SENTHIL KRISHNAMOORTHY ID #8613230 ON RIG SINCE DEC 13, 2025.
- ARAMCO CLERCK MAHESH MOHAN ID #8660174 ON RIG SINCE JAN 20, 2026.
-

* DISCUSSED HSE ALERT 08-26 ROUSTABOUT ANKLE TWISTED, HSE ALERT 09-26 TRUCK ROLLOVER, HSE ALERT 10-26 FIRE AND PROPERTY DAMAGE IN ACCOMMODATION WITH ALL PERSONNEL.
* PERFORMED H2S, FIRE AND ABANDON DRILL.
-

* RIG MOVE MASTER CRAIG WATSON ID#8328445 ON LOCATION SINCE 01/27/2026 AT 17:00 HRS.
* RIG MOVE BOATS (RAWABI-205, RAWABI-202 & DAY TIDE) ON LOCATION.

DAILY SURVEY
MUD DATA
MUD TREATMENT
BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

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LIMITED MORNING REPORT

ZULF-162 WORKOVER-2 BI-60

01/24/2026 - 02/10/2026

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MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	TOURLY	10-13 KNOTS NW	3-1 FT	CLEAR - TEMP 15C	2,523	TOURLY

PERSONNEL AND SERVICES INFORMATION

	GOS	RIG	OES	ARM	NSL	ARM
Company						
Category	CTRG	RIG	DFMS	OTHR	SLS	WSC
No. of Persons	13	55	1	3	3	3
Personnel on Loc. Hrs.	24	24	24	24	24	24
Operating Hours.	0	24	0	12	0	24

Total
78

TRUCKS/BOATS

Standby/Tankers
tobaz karama

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
2934	504	970	1797	N/A	1591

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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HWYH-3557 DEVELOPMENT DRILLING BI-60

01/20/2026 - 02/19/2026

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ZPEC-1 @ HWYH-3557 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ZPEC-1
Well: HWYH-3557
Wellbores: (0) HWYH_3557_0

Charge #: (63-25053-3557)
Wellbores: (0) HWYH_3557_0

Objective : (WATER SUPPLY)

Foreman(s) KONSOUA, YASSER SHAWKY / SALAMA, AHMED MORTADA
Engineer REJEPOV, DAUTMAMMET
Manager HABKRI, MOUSSA IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 2973	0135723760	0135723461 (CLERK)

CONTRACTOR /CLERK VSA T: 013501218 3 (TP / CL INIC)

Last 24 hr operations
RIG UP ON HWYH-3557, MIXING SPUD MUD, DRILL RAT HOLE, WORKING ON PRE-SPUD CHECKLIST.

Next 24 hr plan
SPUD IN WELL HWYH-3557, ROTARY DRILL 34" HOLE.

Location	Next Location
HWYH-3557	

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
0							

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
0	0 (@)		0	173	173

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0459	24	0	PRE	N	RM	RU	NA	RIG	0	0			HELD SAFETY MEETING WITH TRUCK PUSHERS, DRIVERS ALL PERSONNEL INVOLVED. * RIG MOVE TO HWYH-3557 ..... 100 %. * RIG UP ON HWYH-3557 .....100 % ADJUST GUY LINES AND CMT BLOCKS AS PER RIG REQUIREMENTS. - FILL MUD TANKS WITH WATER AND CHECK FOR LEAKAGE-OK. - INSTALLED SATNDPIPE MANIFOLD, ROTARY HOSE, P/U KELLY. - MIXING 65 PCF SPUD MUD. - TEST & CALIBERATE H2S AND LEL SENSORS ALL OK. - INSTALL CASCADE SYSTEM, OK. - CHECKED ALL HIGH-PRESSURE LINES WITH SAFETY SLINGS, OK. - TEST EMEGENCY BRAKE OF CROWN-O-MATIC-OK. - TEST ROTARY TABLE AT DIFFERENT RPM'S- OK. - TEST ROTARY TABLE EMERGNECY BRAKE-OK. - TEST KELLY SPINNER- OK. - TEST MUD PUMPS WITH 300/2000 PSI - OK. - TEST MUD PUMPS, KELLY HOSE + KELLY COCK @ 500/2000 PSI - OK - TEST FIRE PUMP ON THREE STATIONS - OK. - TEST CELLAR PUMP, OK. - TEST EMERGENCY LIGHT,OK. - TEST BOP CONTROL UNIT, FUNCTION TEST DIVERTER SYSTEM FROM REMOTE PANELS -OK. - DRILL MOUSE HOLE & RATE HOLE. - WORKING ON PRE-SPUD CHECKLIST. - P/U & M/U 34" BHA. - WORKING ON PRE-SPUD CHECKLIST. ** HELD PRE-SPUD SAFETY MEETING WITH RIG MANAGEMENT & ALL PERSONNEL INVOLVED, REVIEWED DRILLING PROGRAM, ERP.

Foreman Remarks

WELL OBJECTIVE:
HWYH-3557 WILL BE USED AS A DRILLING WATER SUPPLY WELL SUPPORTING DEVELOPMENT HWYH-1406/1413.
THE WELL SHOULD COMPLETED WITH +/-640 FT OF 7" SCREEN SPACED ACROSS THE BEST WASI AQUIFER SAND OF TOTAL DEPTH OF +/- 4425' RKB (4400' BGL).
==========
WELL DESIGN:-
- 30" CSG (34" HOLE SECTION) @ 125' RKB.
- 24" CSG (28" HOLE SECTION) @ 735' RKB.
- 18-5/8" CSG (22" HOLE SECTION) @ 1835' RKB.
- 13-3/8" CSG (17" HOLE SECTION) @ 2485' RKB.
- 9-5/8" LINER (12-1/4" HOLE SECTION) @ 3785' RKB.
- 7" SCREEN LINER (8-1/2" HOLE SECTION) @ 4425' RKB.
** ELEVATION FROM RIG FLOOR TO GROUND LEVEL: 25 FT.
==========
NEAREST HOSPITAL :
==========
RIG LOCATION:
173KM F/DMG, FROM UDHAILIYAH BRIDGE TO LOCATION 40KM BLACK TOP & 3.5KM SKID ROAD.
==========
NEXT LOCATION:
READINISS:
==========
CONDUCT DAILY COMMUNICATION CHECK W/ DHAHRAN DRILLING ECC @15:00 HRS.
==========
SAFETY TOPICS:
-DISCUSS TO PREPARE FOR SPUD.
-DISCUSS TO ARRANGE THE PIPE YARD , CHEMICAL YARD

LIMITED MORNING REPORT

HWYH-3557 DEVELOPMENT DRILLING BI-60

01/20/2026 - 02/19/2026

-DISCUSS TO ARRANGE THE TOOL BOXES.
-DISCUSS TO ARRANGE THE RIG FLOOR.
-DISCUSS TO DO THE FUNCTION TEST PRIOR TO SPUD.
-DISCUSS TO FOLLOW THE SUPERVISOR INSTRUCTIONS.
-DISCUSS TO ELIMINATE THE HAZARDS PRIOR TO SPUD.
-SAFE DRIVING-OF FORKLIFT/TRAILER/CRANE ON LOCATION
-GENERAL INSTRUCTIONS TO BE FOLLOWED.
SLS SAFETY OBSERVATION: 15
SLS NM:NONE
SLS INCIDENT:NONE
DRILL: NONE
SAFETY ALERT SHARED: REEL-SAFE 02-26 ANKLE INJURY WHILE RIH
==========
ARAMCO:
- ARAMCO CLERK ANANDARAJ JAIKUMAR ID#8643517 ON LOCATION SINCE 01/01/2025.
==========
RIG MANAGMENT VISIT:
==========
SERVICE COMPANY:
- OES MUD ENG. ON LOCATION SINCE 01/20/2026.
- EX-LOG ON LOCATION SINCE 1/27/2026.
==========
RENTAL TOOLS:
12" TAQA SHOCK SUB #ST5-1200-126 ON LOCATION FROM 1/25/2026
1) ** 1ST : P/U ON
==========
- MAIN WATER SOURSE:
-DAILY TRIPS = 0 TRIPS; TOTAL NUMBER OF TRIPS = TRIPS.
-DAILY DISTANCE = 0 KM X 0 TRIPS = 0 TOTAL DISTANCE =0 KM.
-DAILY VOLUME = 32 M3 X 0 TRIPS = 0 TOTAL VOLUME = 0 M3.
==========
-WATER LINE CONNECTED TO MAIN WATER SOURCE KHRM-808 :
-DAILY FLOW METER READING = 702 GALLONS
-TOTAL FLOW METER READING = 1268 GALLONS
==========
WASTE CUTTINGS AND WASTE WATER (CUBIC METER):
-DAILY WASTE CUTTINGS = 0 M3 WASTE CUTTINGS TOTAL CUMULATIVE = 0 M3.
-DAILY WASTE WATER (RIG) = 0 M3 WASTE WATER TOTAL CUMULATIVE = 0 M3.
-DAILY WASTE WATER (CAMP) = 32 M3 WASTE WATER TOTAL CUMULATIVE = 96 M3.
==========
-DIESEL CONSUMPTION:
DAILY CONSUMPTION RIG= 12 BBL, CAMP= 4 BBL, TOTAL DAILY= 16 BBL.
TOTAL DIESEL CONSUMPTION IN RIG = 12 BBL, REMAINING IN ARAMCO STOCK: 100

DAILY SURVEY

MUD DATA

MUD TREATMENT

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	NO	NORMAL	1,601	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	GOS	RIG	OES	RIG	ARM	ARM	XLG	
Category	CTRG	RIG	DFMS	OTHR	OTHR	WSC	MLS	
No. of Persons	13	38	1	23	1	2	2	Total 80
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	
Operating Hours.	0	24	12	12	12	12	12	

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
ARAMCO PICKUP#E866	1 ZPEC AMBULANCE.	1 ZPEC PICK-UP CAR.	1 ZPEC BUS.

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	100	22	34	1300

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		
OK		

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HRDH-3573 DEVELOPMENT DRILLING BI-60

11/27/2025 - 02/01/2026

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ZPEC-2 @ HRDH-3573 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ZPEC-2
Well: HRDH-3573
Wellbores: (0) HRDH_3573_0

Charge #: (66-23058-3573)
Wellbores: (0) HRDH_3573_0

Objective : (WATER SUPPLY)

Foreman(s) EID, AHMED HABIB
Engineer REJEPOV, DAUTMAMMET
Manager HABKRI, MOUSSA IBRAHIM

THURAYA	RIG FORMAN VSAT	OTHER VSAT
+882167771 3736	013-572357 6	0135723085

CONTRACTOR /CLERK VSA T: 0138114917 (ZPEC2 OF FICE)

Last 24 hr operations: CON'T REAMING, CHC, WIPER TRIP, CHC,

Next 24 hr plan: WIPER TRIP, CHC, POOH, RIH 7" SCREENS, SET LINER, POOH W/ SETTING TOOL TO SURFACE

Location: HRDH, 11 KM IN ALKARJ RD, U TURN 1 KM, 4 KM RIGHT SIDE, U TURN, 7 KM RIGHT SIDE, 1 KM LEFT SKID ROAD

Next Location:

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
3,450	13 3/8	1940	1940	9 5/8	1,709	2,698	2,698

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
3450	53.7 (12/05/2025@1200)	80	0	273	300

Formation Tops

Formations	Top Depth	Comments
RUS	460	
UMER	630	
ARUM	1,420	120' SHALLOWER
LAMS	1,975	10' SHALLOWER
WASI	2,135	
AHMD	2,410	50' SHALLOWER
SFNY	2,730	80' SHALLOWER

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 0630	1.5	0	EOW	N	CT	CIRC	MPMP	RIG	3450	3450			SWEPT HOLE W/ 3 X50 BBL HVP, CHC, SPOT 100 BBL'S OF CSG GO PILL ON BTM * PUMPING 72 PCF MUD CAP INSIDE ANNULUS.
0630 - 0800	1.5	0	EOW	N	CT	TO	STDP	RIG	3450	3450	3450	3385	HPJSM, POOH WITH 8-1/2" REAMING BHA TO 9-5/8" CSG SHOE, RUN BACK TO 3385'. TAG AT THIS DEPTH * PUMPING 72 PCF MUD CAP INSIDE ANNULUS.
0800 - 0930	1.5	0	EOW	N	CT	RW	BIT	RIG	3450	3450	3385	3450	P/U & M/U KELLY REAM AND WASH F/ 3385' TO 3450'.
0930 - 1230	3	0	EOW	N	CT	CIRC	MPMP	RIG	3450	3450			SWEPT HOLE W/ 3 X50 BBL HVP, CHC, SPOT 100 BBL'S OF CSG GO PILL ON BTM * PUMPING 72 PCF MUD CAP INSIDE ANNULUS.
1230 - 1430	2	0	EOW	N	CT	TO	STDP	RIG	3450	3450	3450	3393	HPJSM, POOH WITH 8-1/2" REAMING BHA TO 9-5/8" CSG SHOE, RUN BACK TO 3393'. TAG AT THIS DEPTH * PUMPING 72 PCF MUD CAP INSIDE ANNULUS.
1430 - 1530	1	0	EOW	N	CT	RW	BIT	RIG	3450	3450	3393	3450	P/U & M/U KELLY REAM AND WASH F/ 3393' TO 3450'.
1530 - 2030	5	0	EOW	N	CT	CIRC	MPMP	RIG	3450	3450			SWEPT HOLE W/ 8 X50 BBL HVP, CHC, SPOT 100 BBL'S OF CSG GO PILL ON BTM. 80% RETURN * PUMPING 85 PCF MUD CAP INSIDE ANNULUS.
2030 - 2300	2.5	0	EOW	N	CT	TO	STDP	RIG	3450	3450	3450	3449	HPJSM, POOH WITH 8-1/2" REAMING BHA TO 9-5/8" CSG SHOE, RUN BACK TO 3428'. TAG AT THIS DEPTH ** HAS TIGHT SPOTS ON 2824' ,2826' ,2933' ,3419' & 3425.
2300 - 0100	2	0	EOW	N	CT	RW	BIT	RIG	3450	3450	3428	3450	P/U & M/U KELLY REAM AND WASH F/ 3428' TO 3450'. ** NOTICE SPIKE ON DP PRESSURE. WORK ON PREESURE UNTIL GET STABLE.
0100 - 0459	4	0	EOW	N	CT	CIRC	MPMP	RIG	3450	3450			SWEPT HOLE W/ 4 X50 BBL HVP, CHC, SPOT 100 BBL'S OF CSG GO PILL ON BTM. * PUMPING 85 PCF MUD CAP INSIDE ANNULUS.

Foreman Remarks

HRDH-3573 WILL BE USED AS DRILLING WATER SUPPLY WELL SUPPORTING DEVELOPMENT HRDH-827 REPLACEMENT.
THE WELL IS NON NATURAL-FLOWING & THE WELL WILL BE COMPLETED WITH 7" SCREEN ACROSS WASI AQUIFER.
==
WELL DESIGN:
- 30" CSG (34" HOLE SECTION) @ 125'. SET @ 125'.
- 24" CSG (28" HOLE SECTION) @ 525'. SET @ 525'.
- 18-5/8" CSG (22" HOLE SECTION) @ 1625'. SET @ 1465'.
- 13-3/8" CSG (17" HOLE SECTION) @ 2300'. SET @ 1940'.
- 9-5/8" CSG LINER (12-1/4" HOLE SECTION) @ 2835'. SET @ 2698'.
- 7" SCREENS (8-1/2" HOLE SECTION) AT 3625'.
* ALL DEPTHS ARE REFERENCED TO RIG FLOOR 25 FT (RKB).
===
*RIG LOCATION: HRDH, 11 KM IN ALKARJ ROAD, U TURN, 1 KM, 4 KM RIGHT SIDE, U TURN, 7 KM RIGHT SIDE, 1 KM LEFT SIDE SKID ROAD, FOLLOW RIG SIGN BOARD.
=====
SAFETY DATA:
TOPIC DISCUSSED:

LIMITED MORNING REPORT

HRDH-3573 DEVELOPMENT DRILLING BI-60

11/27/2025 - 02/01/2026

DISCUSSED SAFE WORKING PROCEDURE WHILE RIH, POOH.
DISCUSSED LINE OF FIRE AND PINCH POINT HAZARDS AND SAFETY DURING CURRENT OPERATION.
DISCUSSED FIRE PREVENTION AWARENESS.
HSE ALERT- 08-26 - ROUSTABOUT ANKLE TWISTED
HSE ALERT - 09-26 - TRUCK ROLLOVER
HSE ALERT - 10-26 - FIRE AND PROPERTY DAMAGE IN ACCOMMODATION.
====
DRILLS: 2XTRIP & 2X BOP DRILL.
STOP CARDS REPORTED -15 NO.
====
NEAREST HOSPITAL:
AL EKHWA HOSPITAL HARADH 7.3KM +/- CONTACT NO 013-584-9099.
====
ARAMCO:
ARAMCO CLERK VIJAYAKUMAR BALUSAMY #8643534 ON LOCATION SINCE 01/11/2024
ARAMCO FCT GASSAN ON LOCATION 1/22/2026@10:30.
====
SERVICE COMPANY:
*OES MUD ENGINEER ON LOCATION 05/04/2025 @ 13:30PM
*INNOVEX HANGER ENGINEER ON LOCATION 01/22/2026@18:00PM
*TAM PACKER ENGINEER ON LOCATION 01/23/2026@13:00PM
====
*ZPEC RAW WATER TANKERS DATA:1/27/2026
- HRDH-843: STRIGHT LINE 28.25 KM (ONE SIDE)
- DAILY NUMBER OF TRIPS = 20 TRIP; TOTAL NUMBER OF TRIPS = 1200 TRIPS.
- DAILY DISTANCE = 20 X2 X 28.25= 1130KM; TOTAL DISTANCE = 67800KM.
- DAILY VOLUME = 168000 GAL; TOTAL VOLUME = 10080000 GAL.

* WATER SUPPLY FROM HRDH-3516 BY WATER LINE.
- FLOW METER CURRENT READING: 02256500 GAL

====
WASTE MANAGEMENT KPI:
- DRILLING WASTE CUTTINGS: DAILY=0 M / TOTAL=84.36 M
- REUSED WATER: DAILY= 25.2 M / TOTAL = 224 M
- DUMPING WATER = 0 M / TOTAL= 633.57
====
- ZPEC WATER TANKERS & VEHICLES ON LOCATION:
* 8 RAW WATER TANKERS
* 1 ZPEC 4X4 AMBULANCE CAR.
* 1 ZPEC EMERGENCY BUS.
* 1 X SWEET WATER TANKER
===
RENTAL TOOLS:
-RECEIVED 6 1/2" DJ S/N: DJ10-650-022 ON LOCATION 1/5/2026 @ 14:00PM
-5TH P/U ON 1/14/2026@08:30AM L/D ON 1/22/2026@05:30AM
*RECEIVED 6 1/2" DJ S/N: DJ10-650-019 ON LOCATION 1/19/2026@14:00
-1ST P/U ON 1/22/2026@8:30AM L/D ON 1/22/2026@19:00PM
-2ND P/U ON 1/23/2026@15:00PM L/D ON 1/24/2026@02:30AM
-3RD P/U ON 1/24/2026@11:30AM L/D ON 1/25/2026@04:00AM
-4TH P/U ON 1/26/2026@08:30AM
===
DIESEL:
-DAILY ARAMCO DIESEL CONSUMPTION 15BBLS, REMAINING =39.73 BBLS
-TOTAL ARAMCO DIESEL CONSUMPTION / WELL:762.37 BBLS
-RECEIVED ARAMCO DIESEL 201.28 BBLS ON 1/15/2026 @ 19:00PM

-DAILY ZPEC DIESEL CONSUMPTION: 14 BBLS, REMAINING=137 BBLS
-TOTAL ZPEC DIESEL CONSUMPTION / WELL: 912 BBLS
-RECEIVED ZPEC DIESEL 199 BBLS ON 1/22/2026 @ 08:00AM
-TOTAL DAILY CONSUMPTION = 29 BBLS, TOTAL DIESEL CONSUMPTION / WELL: 1674.37 BBLS
======
**4 VACUUM TANKERS ARRIVED LOCATION ON 1/10/2026 & RELEASED ON 1/14/2026 TOTAL TRIPS:22
** VACUUM TANKERS ARRIVED LOCATION AND STARTED LOADING ON 1/21/2026@10:45AM
-DAILY TRIPS: 1 TRIP / TOTAL TRIPS: 5, TRUCK PLATE NO: 1548RRA
-DAILY TRIPS: 1 TRIP / TOTAL TRIPS: 5, TRUCK PLATE NO: 8684ZRA
-DAILY TRIPS: 0 TRIP / TOTAL TRIPS: 5, TRUCK PLATE NO: 1919RRA
-DAILY TRIPS: 1 TRIP / TOTAL TRIPS: 6, TRUCK PLATE NO: 3653BRA
-TOTAL TRIPS FOR ALL TRUCKS: 21 TRIPS

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	5API	0	0 Volts	2.96	9.5	108,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	23	0	7 / 14	NCPOL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
51	1	10	8	7 / 9	0	140	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
70 PCF	0	5API	0	0 Volts	2.96	9.5	108,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	23	0	7 / 14	NCPOL	0
Funnel	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**

Username: YUAYANAL
Database: EPPR
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LIMITED MORNING REPORT

HRDH-3573 DEVELOPMENT DRILLING BI-60

11/27/2025 - 02/01/2026

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Vis.(SEC)							
51	1	10	8	7 / 9	0	140	0

MUD TREATMENT

DUOVIS-NS	CAUST	SODASH	POLY-SAL	MRBL-F	NACL
68 (50LB)	5 (50LBP)	5 (100LB)	40 (50LB)	13 (2200L)	70 (2200L)

BIT DATA

Bit Number	MD In	MD Out	Run Footag	Hours	Average RC	WOB	RPM	IADC	Size	Manufactur
8RR	2,750	3,450	DP Av	DC Av	Bit HHP	2	55	M223	8.5	HTC
Pressure	GPM	Jet Vel	181.56	258.49	27	I-Row	O-Row	DC	Location	Bearings
160	350	125				N/A	N/A	N/A	N/A	N/A
Serial Numi	Type	Jets	TFA							
7918660	DD506X	6 x 14 /	0.902							
Gauge	Other	POOH Reas								
N/A										

DRILL STRING

Float	BHA Hrs	String Wt.	Pick Up	Slack Off	Rot. Torque	Jars Serial #	Jars Hrs
Y	N/A	101	103	100	1,200		0
Shock Sub Serial	Shock Sub Hrs	Mud Motor Seria	Mud Motor Hrs				

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #
7	Drillpipe	RIG	5	1	5	4.276	32	617.67	NC50	NC50	19.5	38,437.41	G105	PREM	
6	Heavy Weight Drillpipe (HWDP)	RIG	5	6	5	3.25	182.7	585.67	NC50	NC50	54	37,813.41		CONV	
5	Drillcollar	RIG	6.25	2	6.25	2.875	61.5	402.97	NC50	NC50	2.55	27,947.61		SPRL	
4	Mechanical Jar	OJR	6.5	1			32.55	341.47			2.7	27,790.785			DJ10-650-022
3	Drillcollar	RIG	6.25	10	6.25	2.875	305	308.92	NC50	NC50	90.78	27,702.9		SPRL	
2	Bit Sub	RIG	6.25	1	6.25	2.81	3	3.92	4 1/2 REG	4 1/2 REG	5	15			180308A
1	Bit	HTC	0	1	8.5		0.92	0.92				0			7918660

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
N/A	N/A	NORMAL	NO	NORMAL	1,572	DAILY

PERSONNEL AND SERVICES INFORMATION

Company	RZT	RIG	OES	EN1	TIL	RIG	ARM	ARM
Category	CTRG	RIG	DFMS	ECPOH	LHES	OTHR	OTHR	WSC
No. of Persons	13	43	1	2	2	21	2	1
Personnel on Loc. Hrs.	24	24	24	24	24	24	24	24
Operating Hours.	0	12	12	0	0	12	12	12

Total
85

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others	Others
aramco car h744	02 zpec pick up car	01 crew bus	8 water tankers	01 ambulance car

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	40	65	24	1500

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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LIMITED MORNING REPORT

Username: YUAYANAL
Database: EPPR
Print Date: 01/28/2026 06:49
Report ID: OPERLMTDMRREP

BRRI-212 WORKOVER-4 BI-90

01/22/2026 - 02/25/2026

أرامكو السعودية
saudi aramco

ZPEC-3 @ BRRI-212 Limited Morning Report for 01/28/2026

D&WO Morning Report (Service Providers View)
Copyright 2026 Saudi Aramco. All Rights Reserved
Daily Onshore
(0500-0500) Saudi Aramco
Date: Wednesday 01/28/2026

Rig: ZPEC-3
Well: BRRI-212
Wellbores: (0) BRRI_212_0

Charge #: (61-25025-0212)
Wellbores: (0) BRRI_212_0

Objective : (F | REPAIR HIGH ANNULUS PRESSURE: USUALLY ASSOCIATED WITHWELLHEAD OR DOWNHOLE EQUIPMENT REPAIR OR CASING LEAK)

Foreman(s) GILL, QASWAR HUSSAIN
Engineer Manager MARZOOQ, SALEH YOUSEF / GHAMDI, OSAMA AMR
ALMUSTAFA, AHMED HASSAN

THURAYA	RIG FORMAN VSAT	CONTRACTOR /CLERK VSAT
0088216777 12175	6792207	6792208

Last 24 hr operations
N/U BOP & PT, S/L RET ME PLUGS,R/D SL, BULLHEAD TBG/TCA W/77 PCF BRINE

Next 24 hr plan
CONT'D BULL HEAD,ENGAGE TBG HGR W/ SPEAR AND UNSTING SEAL ASSY, RIH PTP & POOH

Location
BRRI CAUSEWAY N-3011693.42, E-360666.30

Next Location

Current Depth (ft)	Last Csg Size	MD	TVD	Liner Size	TOL	MD	TVD
8,990	7	8770	8761				

Prev. Depth (ft)	Days Since Spud/Comm (Date)	Circ %	Daily Footage (ft)	Distance from DHA M/Gate (KM)	Driving Distance from DHA (KM)
9006	3.2 (01/25/2026@0000)	0	0	114	114

Formation Tops

Formations	Top Depth	Comments

(From - To)	Hrs	Lateral	Phase	Cat.	Major OP	Action	Object	Resp. Co	Hole depth Start	Hole depth End	Event depth Start	Event depth End	Summary of Operations
0500 - 1100	6	0	POST	N	BOP	NU	BOP	RIG	0	0			HPJSM: N/U STUMP TESTED 13-5/8"-5K PSI CLASS-A BOP AND RELATED EQUIPMENT.
1100 - 1330	2.5	0	POST	N	BOP	NU	BNIP	RIG	0	0			N/U BELL NIPPLE & FLOW LINE
1330 - 1600	2.5	0	POST	N	BOP	BOPT	BOP	RIG	0	0			HPJSM: FLUSH BOP AND ALL LINES AND PRESSURE TEST 13-5/8" 5M BOP CONNECTIONS AS PER ARAMCO STANDARDS.
1600 - 1700	1	0	POST	N	BOP	OTH	CTRL	RIG	0	0			PERFORMED ACCUMULATOR DRAWDOWN TEST.
1700 - 1930	2.5	0	POST	N	DCOM	RTRV	PLUGT	NSL	0	0			HPJSM: RIG UP NESR SLICKLINE EQUIPMENT C/W FULL PCE. PRESSURE TEST LUBRICATOR TO 1,000 PSI. -RIH WITH INTERWELL RET TOOL TO TOP OF 4-1/2" ME PLUG AT 150', ENGAGE ME PLUG. -EQUALISED PRESSURES AND RETRIEVED 4-1/2" ME PLUG TO SURFACE & LAY DOWN.
1930 - 2200	2.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			CIRCULATE WELL W/ 77 PCF KILL BRINE
2200 - 2230	0.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			FLOW CHECK , WELL STATIC
2230 - 0330	5	0	POST	N	DCOM	RTRV	PLUGT	NSL	0	0			HPJSM: - CONTINUE RIH WITH INTERWELL RET TOOL TO TOP OF 4-1/2" ME PLUG AT 8608' BELOW THE PKR, ENGAGE ME PLUG. - EQUALISED PRESSURES AND RETRIEVED 4-1/2" ME PLUG TO SURFACE & LAY DOWN. - POH & R/D NESR SL - OBSERVED WELL UNDER TOTAL LOSSES
0330 - 0459	1.5	0	POST	N	DCOM	CIRC	MPMP	RIG	0	0			HPJSM: - BULLHEAD DOWN TUBING WITH 250 BBL AND TCA WITH 350 BBL OF 77 PCF BRINE..... INC @ RPT

Workover Objectives

Foreman Remarks

> ODF - THS: 34'
> CDF - THS: 28.86'
> DFC : + 5.2'

----------ARAMCO POB----------

NA

---------- STAGING AREAS----------

> BRRI-212 WELL, LOCATED STAGING AREA:
- STAGING AREA # 1 27.284389 (N) 49.626528 (E) 4.2 KM SOUTH FROM LOCATION (AT CAUSEWAY ENTRANCE)
- STAGING AREA # 2 27.187333 (N) 49.583778 (E) 7.7 KM NORTH FROM LOCATION (NORTH END OF CAUSEWAY N LEG)

----------ERP EQUIPMENT & CONTINGENCY PLAN----------

> 55 SEAT BUS AT RIG SITE FOR EMERGENCY EVACUATION. (CHECKED DAILY).
> 25 SEAT BUS 24 HRS AT MAIN CAMP FOR EMERGENCY EVACUATION. (CHECKED DAILY).
> RAWABI H2S/ LEL STAND-ALONE SENSORS INSTALLED ON LOCATION.

----------SAFETY DATA----------

> SUBMITTED ON SLS: 30

----------EQUIPMENT & RENTAL TOOLS----------

> SINOPEC WELL TEST PACKAGE & VERTICAL FLARE STACK.

----------NEXT LOCATION READINESS----------

LIMITED MORNING REPORT

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BRRI-212 WORKOVER-4 BI-90

01/22/2026 - 02/25/2026

> BRRI-840: STRIP OUT= 100%, LOCATION = 100%
----------HAULING TRUCKS SUPPLY ON LOCATION----------
> 2 X AL ASKAR RAW WATER TANKER #1820 & #1742 ON LOCATION.
> 2 X GECAT VACCUM TANKER ON LOCATION TO HANDLE MUD WASTE (ZERO DISCHARGE IMPLEMENTED).

DAILY SURVEY

MUD DATA

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	0	0API	0	0 Volts	0	10	192,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	91	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
30	0	0	9	0 / 0	0	500	0

Weight	Cake HTHP	Filtrate(WL)	Oil Vol. %	Elec. Stability	% LGS	PH	CL PPM
77 PCF	0	0API	0	0 Volts	0	10	195,000
FL Temp	**Filtrate(WL)**	**Water Vol. %**	**YP**	**Sand Vol. %**	**Gels Sec/Min**	**Mud Type**	**PPT Spurt**
0	0HTHP	92	0	0	0 / 0	CACL	0
Funnel Vis.(SEC)	**Cake API**	**PV**	**Solids Vol. %**	**3/6 RPM**	**MBT**	**CA PPM**	**PPT Total**
30	0	0	8	0 / 0	0	500	0

MUD TREATMENT

CACL2-80	CAOH2
16 (2200L)	2 (55LB)

BIT DATA

DRILL STRING

Order	Component	Provider	Nominal Size (in.)	# Joints	OD Size (in.)	ID Size (in.)	Length (ft.)	Cum Length (ft.)	Top Thread	Bottom Thread	Weight (lb/ft)	Cum Weight (lb.)	Grade	Class	Serial #

MISCELLANEOUS

BOP Test	BOP Drills	Wind	Sea	Weather	DSLTA	Safety Meeting
01/27/2026	N/A	N/A	N/A	N/A	1,266	PRE-TOUR / AS REQUIRED

PERSONNEL AND SERVICES INFORMATION

Company	HCO	INW	OCS	RZT	RIG	OES	ASH	RUE	RIG	NSL	ARM	SS1
Category	PSSC	BRCR	CSR	CTRG	RIG	DFMS	FLD	H2S	OTHR	SLS	WSC	WTSE
No. of Persons	1	1	3	14	37	1	2	1	22	4	1	2
Personnel on Loc. Hrs.	18	24	24	24	24	24	24	24	24	24	24	24
Operating Hours.	0	24	0	0	12	12	12	24	12	12	24	12

Total
89

TRUCKS/BOATS

Standby/Tankers	Others	Others	Others
ARAMCO VEHICLE b928	emergency escape bus	6 - zodiak boats	zpec mtc

BULK

Drill Wtr.-BBLS	Pot Wtr.-BBLS	Fuel- BBLS	Barite- SX	Bentonite- SX	Cement G-SX
N/A	N/A	N/A	N/A	N/A	N/A

REPAIR ASAP

Instrumentation	Other	Reporter
Computer, Communication & V-Sat Issues		

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