

## 1 General

### 1.1 Customer Information

Company	OML-11 AMT (NEPL / WAGL)
Representative	MRO ENERGY LIMITED (IPM)
Address	

### 1.2 Well/Wellbore Information

Well	OKOLOMA-02	Wellbore No.	1
Well Name	OKOLOMA-02	Wellbore Name	OKOLOMA-02
Report no.	42	Report date	01/12/2025
Project	OML - 11	Site	LOCATION 1
Rig Name/No.	L BUBA (ASH)/	Event	ORIG DRILLING
Start date	20/09/2025	End date	
Spud date	23/09/2025	UWI	OKOLOMA-02
Afe No.			
Active datum	DATUM @80.8ft (above Mean Sea Level)		
API no.		Block	OML-11
Supervisor	SUNNY IDOKO / ANDREW OLU OLOJO	Engineer	MATTHEW CHUKWUKELU

### 1.3 Depth Days

MD	10,674.0 (ft)	TVD	
Progress	348.0 (ft)	Avg. ROP	56.9 (ft/hr)
Rotating hours	6.12 (hr)	Cum Rot Hrs	211.35 (hr)
DFS	41.39 (days)	Est days	41.13 (days)
MD auth			
Last Casing	13.375 in @ 6,020.0 ft		

### 1.4 Status

Current status	CONTN DRILLING 12-1/4" DIR HOLE FROM 10,674 FT TO 10,868 FT INP..
24 hr summary	CONTD REAMING DOWN WHILE WORKING STRING THRU TIGHT SPOTS F/8899 FT TO 9070 FT, ATTEMPTED TO TRIP BACK IN HOLE- NO SUCCESS, WASH DOWN FROM 9070 FT TO 10,013 FT, OBSERVED STD PIPE LEAKAGE, TROUBLESHOOT LEAKAGE-OK. CHC & CONTN TO WASH AND REAM DOIWN FROM 10,013 FT TO BTM @ 10,326 FT. RESUMED DRILLING 12-1/4" DIR HOLE FROM 10,326 FT TO 10,400 FT. STOPPED DRILLING DUE TO MUDLOGGING GAS SYSTEM ISSUES, TROUBLE-SHOOT & RESTORED SAME - OK, CONTN DRILLING AHEAD FROM 10,400 FT TO 10,674 FT, STOPPED DRILLING AGAIN DUE TO STAND-PIPE LEAKAGE, TROUBLE-SHOOT & WORKED ON SAME - OK, AND RBIH TO 10,581 FT. INP..
24 hr forecast	CONTN DRILLING AHEAD 12-1/4" DIR HOLE TO SECTION TD @ +/- 11,460 FT AS PER PROGRAMME.

## 2 Operation Summary

### 2.1 Operation Summary

From	To	Dur. (hr)	Phase	Code	Sub	Class	MD from (ft)	MD to (ft)	Operation
0:00	5:00	5.00	DRLPRO	06		U	10,326.0	10,326.0	CONTINUED REAMING DOWN WHILE WORKING THE STRING THROUGH TIGHT SPOTS FROM 8,899 FT. TO 9,070 FT. ATTEMPTED TO TRIP BACK IN HOLE ON ELEVATOR- NO SUCCESS. MU TDS AND CAUTIOUSLY CONTINUED WASHING DOWN WITH 600- 750GPM FROM 9,070 FT TO 10,013 FT
5:00	6:00	1.00	DRLPRO	06		U	10,326.0	10,326.0	OBSERVED STAND PIPE SEAL LEAKING, TROUBLESHOOT & CHANGE OUT SAME.
6:00	13:15	7.25	DRLPRO	03		U	10,326.0	10,326.0	POOH 2 STDs AND RUN BACK SAME AS CHECK TRIP. CHC AND CONT'D TO WASH DOWN 12-1/4" DIR. ASSY FROM

## 2.1 Operation Summary (Continued)

From	To	Dur. (hr)	Phase	Code	Sub	Class	MD from (ft)	MD to (ft)	Operation
									10,013 FT TO 10,200 FT. REAM DOWN TO 10292 FT, SWEEP HOLE WITH LCM PILL AND CIRCULATED 1 X BTTMS UP, CONT'D TO REAM DOWN TO BTTM @ 10326 FT , CONDITIONED THE MUD AND RESUME DRILLING @ 13:15 HRS.
13:15	14:50	1.58	DRLPRO	02		P	10,326.0	10,400.0	SET DRILLING PARAMETERS: RESUME DRILLING 12-1/4" DIR. HOLE FROM 10,326 FT TO 10,400 FT WITH FR-900 GPM, , ROT- 130 RPM , SPP-3710 PSI , WOB-20KLBS , ON BTTM TRQ-18-22 KFT-LBS, ROP-60 FT/HR. STOPPED DRILLING AHEAD DUE TO MUD LOGGING GAS SYSTEM ISSUES , CIRCULATED AND RECIPROCATED DRILLING STRING WHILE WAITING ON MUD LOGGERS TO FIX GAS SYSTEM ISSUES.
14:50	21:30	6.67	DRLPRO	02		P	10,400.0	10,674.0	MUD LOGGERS RESTORED GAS SYSTEM. RESUME DRILLING 12-1/4" DIR. HOLE FROM 10,400 FT TO 10674 FT WITH FR-900 GPM, , ROT- 130 RPM , SPP-4071 PSI , WOB-12KLBS, ON BTTM TRQ-18-25 KFT-LBS, ROP-55 FT/HR. GAS UNIT: 500 UNITS
21:30	22:15	0.75	DRLPRO	08		U	10,674.0	10,674.0	OBSVD STANDPIPE LEAKAGE, POOH 2 STDs AND RU CIRCULATING SUB.COMMENCE CIRCULATION WITH 700 GPM WITH 3457 PSI WHILE REPAIRING THE STANDPIPE LEAKAGES. OBSVED GAS UNIT INCREASED TO 550 UNITS.
22:15	0:00	1.75		06		P	10,674.0	10,674.0	COMPLETED REPAIRING STANDPIPE LEAKAGE, STOPPED CIRCULATION AND RD CIRCULATING SUB, MU TDS, WASH AND REAM DOWN 1 STD & COMMENCE RBIH TO 10581 FT INP..  XXXXXXXXXXXX 2 / 12 / 2025 XXXXXXXXXXXXXXXX  00:00 - 01:00  CONTN RBIH 12-1/4" DIR ASSY FROM 10581 FT TO BOTTOM @ 10,674 FT, TOOK SURVEY @ 10632.77, INC:43.69, AZI:176.99 DEGREE, TVDSS: 8789.58 FT, DLS: 0.30 Well Positioning : 0.75ft Above and 1.32ft Right of Plan.  01:00 - 06:00  SET PARAMETERS & RESUMED DRILLING 12-1/4" DIR HOLE FROM 10,674 FT TO 10,868 FT INP, WITH FR-850 GPM, , ROT- 1 RPM , SPP-3680 PSI , WOB-12KLBS, ON BTTM TRQ-18-25 KFT-LBS, ROP-55 FT/HR. GAS UNIT: 0.28 UNITS MUD WEIGHT:10 PPG, ECD:10.5 PPG, DYNAMIC LOSS RATE: 12 BPH. LAST SURVEY 10,818.95 FT, INC:43.86 DEG, AZI:176.66 DEG, DLS: 0.06 WELL POSITION: 0.41 FT ABOVE AND 1.93 FT RIGHT OF PLAN.
22:15	22:15	0.00							

## 3 Hole Sections

### 3.1 Hole Sections

Wellbore Name / Wellbore No.	Section Name	Section type	Effective hole diameter (in)	ID (in)	MD (ft)		Hole section start date/time	Hole section end date/time
					Top	Base		
OKOLOMA-02 / 1	SURFACE	Casing	17.500	12.250	0.0	6,030.0	23/09/2025 14:44	04/10/2025 12:45
		Open Hole	17.500	17.500	6,030.0	6,030.0	23/09/2025 14:44	04/10/2025 12:45
	12-1/4" DIR HOLE	Open Hole	12.250				11/11/2025 14:00	

## 4 Fluids

### 4.1 Mud

Daily mud				0.00 (\$)		Cum. mud cost				0.00 (\$)				
Mud desc.	Density (ppg)	Viscosity (s/qt)	Date/Time	MD check (ft)	PV (cp)	YP (lbf/100ft <sup>2</sup> )	Cl- (ppm)	Ca+ (ppm)	pH	Pm	Pf (cc)	Mf (cc)		
SYNTHETIC MUD	10.00	65.00	12/1/2025 23:45	10,326.0	22.00	25.000								

## 5 Drillstrings

### 5.1 BHA no.# 7

Date/Time in	28/11/2025 18:00	Date/Time out	
Bit no.	7918707 (RE-RUN)	Weight (Above/Below) Jars	62.0 / 45.0 (kip)
BHA Length	974.99 (ft)	Min. ID	(in)
Purpose	DRILL 12-1/4" DIR. HOLE TO TD		

### 5.1.1 BHA Operations

MD (ft)	Footage (ft)	String Wt Up / Down / Rot (kip)	Drag (kip)	TQ On/Off (ft-lbf)
10,674.0	348.0	420.0 / 237.0 / 300.0	120.0	26.0 / 20.0

### 5.1.2 Assembly Components

Component type	No. of joints	Length (ft)	OD (in)	ID (in)	Connection		Weight (ppf)	Grade	Pin Box	Serial no.	Left or right spiral	Fish Neck	
					OD (in)	Name						Length (ft)	OD (in)
Polycrystalline Diamond Bit	1	1.05											
Push the Bit	1	8.34											
MWD Tool	1	11.98											
Pulser Sub	1	23.00											
Pulser Sub	1	12.12											
Non-Mag Crossover Sub	1	3.58											
Non-Mag Integral Blabe Stabilizer	1	6.32											
Non-Mag Crossover Sub	1	3.32											
Float Sub	1	2.37											
Non-Mag Heavy Weight	1	30.10											
Circulating Sub	1	9.43											
Cross Over	1	2.60											
Non-Mag Heavy Weight	1	608.70											
Cross Over	1	2.59											
Hydraulic Jar	1	32.30											
Cross Over	1	2.70											
Heavy Weight Drill Pipe	1	214.49											

### 5.1.3 Bit Details

Bit no.	Size (in)	Manufacturer	Model no.	Class	IADC code	Serial no.	Jets (32nd")	MD in (ft)	MD out (ft)	I-O-D-L-B-G-O-R
707 (RE-F)	12.250	BAKER HUGHES	DD606TX					10,326.0		-----

### 5.1.4 Bit Operations

Today											Cumulative		
MD (ft)	WOB Min/Max (kip)	Current RPM (rpm)	Flow rate (gpm)	SPP (psi)	P bit (psi)	% @ Bit	HHP (hp)	Hours (hr)	Footage (ft)	ROP (ft/hr)	Hours cum (hr)	Footage cum. (ft)	ROP cum. (ft/hr)
10,674.0	11.0/17.0	130	850.0	3,680.00	0.00	0.00	0.00		348.0	0.0	0.00	348.0	0.0

## 6 Surveys

### 6.1 Surveys

MD (ft)	Inc. (°)	Azi. (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. sec. (ft)	Dleg (°/100ft)	Survey tool
6,140.2	43.60	178.24	5,516.1	165.8	135.4	165.8	0.00	
			5,585.6	99.0	138.3	99.0	1.17	
			5,652.3	34.4	142.5	34.4		
			5,721.6	-32.5	148.6	-32.5		
			5,785.9	-94.3	155.4	-94.3		
			5,851.6	-157.6	161.5	-157.6		
			5,919.7	-223.4	165.6	-223.4		
			5,988.3	-289.7	168.3	-289.7		
			6,056.9	-356.0	170.9	-356.0		
			6,125.2	-422.0	173.6	-422.0		
			6,191.6	-486.2	176.4	-486.2		
7,177.0	44.08	176.89	6,261.2	-553.5	179.7	-553.5	0.45	
			6,328.9	-619.0	183.5	-619.0		
			6,394.4	-682.4	187.5	-682.4		
			6,460.2	-746.1	191.4	-746.1		
			6,531.1	-814.8	195.2	-814.8		
			6,597.6	-879.4	198.3	-879.4		
			6,666.4	-946.1	201.6	-946.1		
			6,733.4	-1,011.0	205.3	-1,011.0		
			6,801.6	-1,076.8	209.7	-1,076.8		
			6,867.3	-1,140.3	213.9	-1,140.3		
			6,934.9	-1,205.3	218.0	-1,205.3		
			7,004.6	-1,272.2	221.8	-1,272.2		
			7,073.1	-1,337.9	225.5	-1,337.9		
8,399.3	43.88	175.64	7,139.8	-1,401.8	229.8	-1,401.8	0.75	
			7,206.7	-1,466.1	234.8	-1,466.1		
			7,276.8	-1,533.5	239.7	-1,533.5		
8,685.7	43.84	176.02	7,346.2	-1,599.9	244.4	-1,599.9	0.05	
8,779.6	43.85	176.32	7,413.9	-1,664.8	248.7	-1,664.8	0.22	
			7,481.9	-1,730.0	252.8	-1,730.0		
			7,550.1	-1,795.3	257.0	-1,795.3		
			7,615.2	-1,857.8	261.0	-1,857.8		
			7,682.4	-1,922.7	264.9	-1,922.7		
9,247.1	44.06	176.82	7,750.6	-1,988.5	268.6	-1,988.5	0.10	
			7,818.6	-2,054.3	272.1	-2,054.3	0.18	
			7,886.1	-2,119.3	275.7	-2,119.3		
			7,953.5	-2,184.3	279.7	-2,184.3		
			8,021.9	-2,250.2	284.0	-2,250.2		
			8,092.6	-2,318.2	288.3	-2,318.2		
			8,160.1	-2,382.8	292.1	-2,382.8		

## 6.1 Surveys (Continued)

MD (ft)	Inc. (°)	Azi. (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. sec. (ft)	Dleg (°/100ft)	Survey tool
9,910.7	43.81	176.82	8,228.4	-2,448.2	295.8	-2,448.2	0.13	
			8,296.7	-2,513.8	299.4	-2,513.8		
	43.95		8,360.9	-2,575.7	302.8	-2,575.7	0.06	
10,189.7	44.01	176.62	8,429.2	-2,641.5	306.6	-2,641.5	0.18	
			8,497.1	-2,706.9	310.6	-2,706.9		
10,346.0	44.01	176.13	8,541.7	-2,749.9	313.4	-2,749.9	0.21	
10,439.1	43.76	176.25	8,608.8	-2,814.3	317.7	-2,814.3	0.28	
10,535.4	43.69	176.57	8,678.4	-2,880.7	321.9	-2,880.7	0.24	
10,632.8	43.69	176.99	8,748.8	-2,947.9	325.7	-2,947.9	0.30	

## 7 Safety

### 7.1 Status

DSLTI	126.00 (days)	DSLTA	126.00 (days)
STOP Cards	124.00		

### 7.2 Safety Moment

Topic	SAFE SYSTEM OF WORK
Comments	SAFE SYSTEM OF WORK

### 7.3 Inspections/Drills

Drill type	KICK	Last pit drill	21/11/2025
Last drill	4.00 (days)	Last diverter drill	
Last fire/boat drill	12/11/2025	Last H2S drill	
Last evacuation drill	08/11/2025	Last trip drill	28/11/2025
Last weekly rig check	30/11/2025	Test COM.	
Daily inspection done	01/12/2025	Ton miles	
Last safety inspection	29/11/2025	Last Csg Press Test	
Last safety meeting	29/11/2025	Last Csg Press	2,000.00 (psi)

### 7.4 BOP Tests

Last BOP pressure test	27/11/2025	Next test due	11/12/2025
Last BOP function test		Last BOP drill	

### 7.5 Pressure Tests

Standpipe manifold	5,000.00 (psi)	Kelly hose	5,000.00 (psi)
Diverter pressure		Annular press	3,500.00 (psi)
Upper rams	5,000.00 (psi)	Lower rams	5,000.00 (psi)
Choke line	5,000.00 (psi)	Choke manifold	5,000.00 (psi)
Kill line	5,000.00 (psi)		

### 7.6 Incidents

Report date	Reporter	Company responsible	No. of minor injures	No. of major injures	No. of fatalities	Cause	Incident desc.

## 8 Personnel

### 8.1 Personnel

Total No. of People: 119

Company	No. People	Company	No. People
ENS	17	FACT EXPAT	9
FACT NATIONAL	51	BAKER HUGHES	12
FOLSTAJ	15	HOPSUN	2
NEPL / WAGL	13		

## 9 Materials

### 9.1 Materials

Product name	Weight/Vol. per unit	Usage	Quantity end	Product name	Weight/Vol. per unit	Usage	Quantity end
DIESEL RIGSITE	LTRS	10,320.00	59,657.00	DIESEL CAMPSITE	LTRS	697.00	13,105.00

## 10 Others

### 10.1 Remarks

ANTHONY SAWYER (TEAM LEAD), IBRAHIM NURUDEEN (DRILLING SUPERINTENDENT), KENECHUKWU MADUBULUM (SDE), SUNNY IDOKO (SDSV), ANDREW OLU OLOJO (NDSV), ADEDAYO OJO (FLUID ADVISOR), OLUWOLE DADA (WELL-SITE GEOLOGIST), MATTHEW CHUKWUKELU (WSDE), OGHENERO ABEL (GEOLOGIST).