

## 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.	31	Report date	20/11/2025
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 / ABDULMALIK ASUBA A.	Engineer	MATTHEW CHUKWUKELU/ UGWOCHUKWU ALIEZI

### 1.3 Depth Days

MD	7,499.0 (ft)	TVD	6,739.6 (ft)
Progress		Avg. ROP	0.0 (ft/hr)
Rotating hours	10.54 (hr)	Cum Rot Hrs	161.78 (hr)
DFS	30.39 (days)	Est days	41.13 (days)
MD auth			
Last Casing	13.375 in @ 6,020.0 ft		

### 1.4 Status

Current status	POOH 12-1/4" DIR BHA TO SURFACE,
24 hr summary	CONT'D DRILLING 12-1/4" DIR HOLE FROM 7256 FT TO 7499 FT, OBSERVED POOR BIT PERFORMANCE WITH LOW ROP, DECISIONS WERE REACHED WITH BASE OFFICE TO POOH AND CHANGE THE BIT. COMMENCED POOH FROM 7499FT TO 2,415 FT
24 hr forecast	RIBH 12-1/4" RSS BHA TO BTM. DRILL AHEAD APP.

## 2 Operation Summary

### 2.1 Operation Summary

From	To	Dur. (hr)	Phase	Code	Sub	Class	MD from (ft)	MD to (ft)	Operation
0:00	6:00	6.00	DRLPRO	02		P	7,256.0	7,378.0	*** CONTINUED DRILLING 12-1/4" DIR HOLE FROM 7,256 FT - 7,378 FT WOB: 15-25 KIPS, GPM: 750, SPP: OFF/ON BTM: 2,350/2450 PSI, RPM: 110, TQ OFF/ON BTM: 14-18/15-20 KFT-LBS, MWT: 9.7 PPG, VIS: 58 SEC, ECD: 10.1 PPG, OWR:68:32 STRING WT UP/DN/ROT: 310/ 215 / 250 KIPS. REAM UP & DOWN PRIOR TO CONNECTION. DYN LOSS: 10BPH. LAST LITHOLOGY @ 7320 FT: SANDSTONE 80% , SHALE 20% . LAST SURVEY @ 7271.68FT, INC:44.11 ° & AZI:176.51° WELL POSITION: AT 7176.98 ft MD: 0.34ft BELOW AND 1.04ft RIGHT OF PLAN.

## 2.1 Operation Summary (Continued)

From	To	Dur. (hr)	Phase	Code	Sub	Class	MD from (ft)	MD to (ft)	Operation
6:00	14:20	8.33	DRLPRO	02		P	7,378.0	7,499.0	*** CONTN'D DRILLING 12-1/4" DIR HOLE FROM 7378 FT - 7,499 FT WOB:20-35 KIPS, GPM: 800, SPP: OFF/ON BTM: 2,300/2400 PSI, RPM: 110, TQ OFF/ON BTM: 14-18/15-28 KFT-LBS, MWT: 9.7 PPG, VIS: 58 SEC, ECD: 10.1 PPG, OWR:68:32 STRING WT UP/DN/ROT: 330/ 220 / 250 KIPS. REAM UP & DOWN PRIOR TO CONNECTION. DYN LOSS: 3.5BPH. LAST LITHOLOGY @ 7499FT: SANDSTONE 40% , SHALE 60% . LAST SURVEY @7454.11 FT, INC:44.17° & AZI:176.64° WELL POSITION: AT 7454.11ft MD: 0.53ft ABOVE AND 1.05ft RIGHT OF PLAN. *** DUE TO INSUFFICIENT SURFACE MUD VOLUME ON LOCATION AND ALSO LOW ROP, DECISON WAS REACHED WITH BASE OFFICE TO POOH THE BHA TO SURFACE AND CHANGE OUT THE BIT TO DD606TX WHILE WIATING ON BAKER HUGHES TEAM TO PROVIDE KILL MUD AND SUFFICIENT DRILLING MUD TO CONTINUE DRILLING.
14:20	18:00	3.67	DRLPRO	06		U	7,499.0		CIRCULATED 2 X BOTTOMS UP, FLOW CHECKED THE WELL-STATIC.
18:00	0:00	6.00	DRLPRO	06		U	7,499.0	7,499.0	COMMENCED POOH THE 12-1/4" RSS BHA ON 5-1/2" DP FROM 7,499 FT - 2,415 FT. WHILE MONITORING WELL ON TRIP TANK  XXXXXXXXXXXXXXXXXXXXX 21/11/2025 XXXXXXXXXXXXXXXXXXXXX  00:00 - 06:00 =====
									CONTINUED POOH THE 12-1/4" RSS BHA FROM 2,415 FT TO SURFACE , WHILE MONITORING WELL ON TRIP TANK BRK AND CHANGE OUT DRILL BIT. DULL GRADE: 1-2-WT-A-X-I-NO-BHA

## 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	Open Hole	17.500	17.500	0.0	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/100ft²)	CI- (ppm)	Ca+ (ppm)	pH	Pm	Pf (cc)	Mf (cc)
SYNTHETIC MUD	9.60	59.00	11/20/2025 23:45	7,499.0	19.00	23.000						

## 5 Drillstrings

## 5.1 BHA no.# 4

Date/Time in	18/11/2025 06:00	Date/Time out	21/11/2025 06:10
Bit no.	5366096	Weight (Above/Below) Jars	65.0 / 47.0 (kip)
BHA Length	1,007.50 (ft)	Min. ID	(in)
Purpose	CHANGE BIT		

### 5.1.1 BHA Operations

MD (ft)	Footage (ft)	String Wt Up / Down / Rot (kip)	Drag (kip)	TQ On/Off (ft-lbf)
7,474.0	298.0	330.0 / 220.0 / 250.0	80.0	28.0 / 14.0

### 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	1.25											
Steerable Stabilizer	1	8.34											
MWD Tool	1	11.96											
Pulser Sub	1	22.80											
Steerable Stabilizer	1	11.54											
Non-Mag Crossover Sub	1	5.98											
Logging While Drilling	1	3.60											
Logging While Drilling	1	8.80											
Steerable Stabilizer	1	8.74											
Logging While Drilling	1	6.00											
Non-Mag Crossover Sub	1	32.78											
Hang-Off Sub	1	1.91											
Integral Blade 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											
Heavy Weight Drill Pipe	1	578.03											
Cross Over	1	2.59											
Hydraulic Jar	1	31.85											
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
5366096	12.250	BAKER	TD506K					6,560.0	7,499.0	-----

## 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)
7,256.0	20.0/35.0	110	800.0	2,400.00	0.00	0.00	0.00	10.54	298.0	28.3	30.57	914.0	29.9

## 6 Surveys

### 6.1 Surveys

MD (ft)	Inc. (°)	Azi. (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. sec. (ft)	Dleg (°/100ft)	Survey tool
			5,551.6	-65.7	4.5	-438.9	0.00	
			5,621.2	-132.4	7.4	-132.4		
			5,687.8	-197.0	11.6	-469.6		
			5,757.2	-263.9	17.7	-472.8	1.32	
			5,821.5	-325.7	24.5	-436.4		
6,607.0	44.07	175.46	5,887.2	-389.1	30.6	-389.1	1.41	
			5,955.2	-454.8	34.7	-433.9		
			6,023.8	-521.1	37.4	-433.5		
			6,092.4	-587.4	40.0	-435.4		
6,987.7	44.11	177.54	6,160.8	-653.4	42.7	-434.3	0.21	
7,080.0	44.05	177.51	6,227.1	-717.6	45.5	-434.2	0.07	
			6,296.8	-784.9	48.8	-435.2		
			6,364.4	-850.4	52.6	-435.1		
7,362.4	44.13	176.24	6,430.0	-913.8	56.6	-433.9	0.21	
7,365.4			6,452.4	-882.8	42.6	-882.8	46.83	
7,454.1	44.17	176.64	6,495.7	-977.5	60.5	-977.5	0.31	
7,459.6			6,546.6	-882.8	42.6	-579.9	0.00	
7,553.8			6,640.8	-882.8	42.6	-644.6	0.00	
7,648.0			6,735.0	-882.8	42.6	-708.1	0.00	
7,742.2			6,829.2	-882.8	42.6	-882.8	0.00	
7,836.4			6,923.4	-882.8	42.6	-837.6	0.00	
7,930.6			7,017.6	-882.8	42.6	-882.8	0.00	
8,024.8			7,111.8	-882.8	42.6	-938.1	0.00	
8,119.0			7,206.0	-882.8	42.6	-1,004.9	0.00	
8,213.2			7,300.2	-882.8	42.6	-1,069.1	0.00	
8,307.4			7,394.4	-882.8	42.6	-1,136.4	0.00	
8,401.6			7,488.6	-882.8	42.6	-1,200.6	0.00	
8,495.8			7,582.8	-882.8	42.6	-1,267.0	0.00	
8,590.0			7,677.0	-882.8	42.6	-1,332.5	0.00	
8,684.2			7,771.2	-882.8	42.6	-1,427.9	0.00	
8,778.4			7,865.4	-882.8	42.6	-882.8	0.00	

## 7 Safety

### 7.1 Status

DSLTI	115.00 (days)	DSLTA	115.00 (days)
STOP Cards	140.00		

### 7.2 Safety Moment

Topic	LIFTING TECHNIQUES
Comments	ENSURE GOOD BODY POSITIONING WHILE LIFTING

### 7.3 Inspections/Drills

Drill type	FIRE	Last pit drill	
Last drill	10.00 (days)	Last diverter drill	
Last fire/boat drill	12/11/2025	Last H2S drill	
Last evacuation drill	08/11/2025	Last trip drill	
Last weekly rig check	18/11/2025	Test COM.	
Daily inspection done	18/11/2025	Ton miles	
Last safety inspection		Last Csg Press Test	
Last safety meeting	16/11/2025	Last Csg Press	

### 7.4 BOP Tests

Last BOP pressure test	08/11/2025	Next test due	22/11/2025
Last BOP function test	08/11/2025	Last BOP drill	

### 7.5 Pressure Tests

Standpipe manifold	3,500.00 (psi)	Kelly hose	3,500.00 (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: 125			
Company	No. People	Company	No. People
ENS	17	NEPL / WAGL	15
BAKER HUGHES	12	FOLSTAJ	18
FACT EXPAT	10	HOPSUN	2
FACT NATIONAL	51		

## 9 Materials

### 9.1 Materials

Product name	Weight/Vol. per unit	Usage	Quantity end	Product name	Weight/Vol. per unit	Usage	Quantity end
DIESEL	LTRS	10,061.00	54,724.00	CEMENT DYCKERHOF	MT		0.00

## 10 Others

### 10.1 Remarks

ANTHONY SAWYER (TEAM LEAD), IBRAHIM NURUDEEN (DRILLING SUPRITENDENT), KENECHUKWU MADUBULUM (SDE), SUNNY IDOKO (SDSV), ABDULMALIK ASUBA (NDSV), ADEDAYO OJO (FLUID ADVISOR), OLUWOLE DADA (WELL-SITE GEOLOGIST), MATTHEW CHUKWUKELU (WSDE), UGWOCHUKWU ALIEZI (DRILLING ENGINEER), OGHENERO ABEL (GEOLOGIST), AMAR HALILU (GEOLOGIST)