

## 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.	45	Report date	04/12/2025
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 OLUSEGUN OLOJO	Engineer	MATTHEW CHUKWUKELU

### 1.3 Depth Days

MD	11,560.0 (ft)	TVD	9,386.9 (ft)
Progress		Avg. ROP	0.0 (ft/hr)
Rotating hours		Cum Rot Hrs	234.55 (hr)
DFS	44.39 (days)	Est days	41.13 (days)
MD auth			
Last Casing	13.375 in @ 6,020.0 ft		

### 1.4 Status

Current status	CONTN POOH 12-1/4" DIR ASSY FROM 6567 FT TO 2386 FT INP..
24 hr summary	PUMPED-OUT OF HOLE CAUTIOUSLY WITH 12-1/4" DIR ASSY FROM 11,445 FT TO 10,577 FT, OBSERVED TIGHT SPOT @ 10,604 FT AND 10,650 FT CLEARED SAME. ATTEMPTED TO BRK CONNECTION OBSERVED POWER TONGUE HOSE BURSTED, TROUBLESHOOT SAME-OK AND CONTN TO PUMP-OUT OF HOLE 12-1/4" DIR ASSY FROM 10,577 FT TO 9700 FT, HAD RESTRICTIONS AT 9804 FT, CLEARED SAME. PUMPED TANDEM PILLS & CHC. CONTN POOH 12-1/4" DIR ASSY ON ELEVATOR FROM 9700 FT TO 7757 FT PUMPED TANDEM PILLS AND CHC. ATTEMPTED TO BRK AND RACK BCK STD OBSERVED TDS UNABLE TO ROTATE AND TILT TROUBLE-SHOOT AND RECTIFY SAME- OK, RESUMED POOH 12-1/4" DIR ASSY ON ELEVATOR FROM 7757 FT TO 6567 FT.
24 hr forecast	CONTN POOH 12-1/4" DIR ASSY TO SURFACE BRK AND LD SAME, PU, MU AND RIH TRIPLE COMBO ASSY FOR OPEN HOLE LOG 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	2:00	2.00	DRLPRO	06		P	11,560.0	11,560.0	CAUTIOUSLY PUMP-OUT OF HOLE 12-1/4" DIR ASSY FROM 11,445 FT TO 11007 FT. (FIRST 5 STANDS) **HOLE IS STABLE **PERFORMED FLOW-CHECK - WELL STATIC
2:00	4:00	2.00	DRLPRO	06		P	11,560.0	11,560.0	CONTN TO CAUTIOUSLY PUMP-OUT OF HOLE 12-1/4" DIR ASSY FROM 11007 FT TO 10,577 FT. **OBSERVED TIGHT SPOT @ 10,604 FT REAMED DOWN AND

## 2.1 Operation Summary (Continued)

From	To	Dur. (hr)	Phase	Code	Sub	Class	MD from (ft)	MD to (ft)	Operation
									CLEARED SAME - OK
4:00	4:45	0.75	DRLPRO	06		P	11,560.0	11,560.0	ATTEMPTED TO BRK OUT CONNECTION WITH POWER TONGUE OBSERVED HYDRAULIC HOSE OF POWER TONGUE BURSTED RELEASED POWER TONGUE FROM STRING & TROUBLESHOOT TO REPLACE BURSTED HOSE-OK WHILE CIRCULATING AND WORKING THE STRING.(0.75 NPT ON FACT)
4:45	9:00	4.25	DRLPRO	06		P	11,560.0	11,560.0	STOPPED CIRCULATION AND BRK CONNECTION WITH MANUAL TONGUE, AND CONTN TO PUMP-OUT OF HOLE 12-1/4" DIR ASSY FROM 10,577 FT TO 9700 FT HAD RESTRICTIONS AT 10,650 FT, 9804 FT. PUMPED TANDEM SWEEP AND CIRCULATED 1X BTTMS UP. **DYNAMIC LOSS RATE:5 BPH **REMARKS- RECIEVED 2 TRUCKS CARRY AGO, OFFLOADING 1 TRUCK AT THE MOMENT.
9:00	14:30	5.50	DRLPRO	06		P	11,560.0	11,560.0	POOH ON ELEVATOR FROM 9,700 TO 8700 FT PUMPED TANDEM PILL AND CIRCULATED 1X BTTMS UP @ 800 GPM / 3070 PSI BACKREAMED 50 RPM AND REAM DOWN 120 RPM
14:30	19:00	4.50	DRLPRO	06		P	11,560.0	11,560.0	CONTN POOH ON ELEVATOR FROM 8,700 TO 7757 FT PUMPED TANDEM PILL AND CIRCULATED 1X BTTMS UP @ 800 GPM / 3070 PSI **HOLE IN GOOD CONDITION
19:00	20:00	1.00	DRLPRO	08		U	11,560.0	11,560.0	ATTEMPTED TO BRK AND RACK BACK A STAND OBSERVED TDS UNABLE TO ROTATE AND TILT DUE TO A LOOSED CABLE AT THE VFD TROUBLESHOOT & RECTIFIED SAME - OK, (NPT ON FACT)
20:00	23:45	3.75	DRLPRO	06		P	11,560.0	11,560.0	RESUMED POOH 12-1/4" DIR ASSY ON ELEVATOR FROM 7757 FT TO 6850 FT, CIRCULATE 1 BOTTOMS-UP
23:45	0:00	0.25	DRLPRO	06		P	11,560.0	11,560.0	CONTN POOH 12-1/4" DIR ASSY ON ELEVATOR FROM 6850 FT 6567 FT. **HOLE IS IN GOOD CONDITION.  XXXXXXXXXX 05 / 12 / 2025 XXXXXXXXXX  00:00 - 02:30  POOH 12-1/4" DIR ASSY ON ELEVATOR FROM 6567 FT TO 5933 FT INSIDE CSG SHOE, PUMPED 10 BBLS OF LOW VIS AND 20 BBLS HIGH WEIGHT PILLS AND CIRCULATE 1 BOTTOMS-UP WITH 800 GPM, WITH 2654 PSI.  **HOLE IS SLICK  02:30 - 2:45  FLOW CHECK WELL FOR 15MINS - STATIC, PUMPED SLUG.  2:45 - 06:00  RESUMED POOH 12-1/4" DIR ASSY ON ELEVATOR FROM 5933 FT TO 2386 FT IN PROGRESS..

## 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

### 3.1 Hole Sections (Continued)

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	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	58.00	12/3/2025 23:45	11,560.0	20.00	19.000							

## 5 Drillstrings

### 5.1 BHA no.# 7

Date/Time in	28/11/2025 18:00	Date/Time out	
Bit no.	(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)
11,560.0	0.0		0.0	

### 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	0.000							7918707			
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											

### 5.1.2 Assembly Components (Continued)

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)
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
(RE-RUN)	0.000	BAKER HUGHES	DD606TX	N	223	7918707		10,326.0	11,560.0	- - - - -

### 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)
11,560.0					0.00		0.00			0.0	0.00	1,234.0	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
11,560.0	43.95	176.52	9,386.9	-3,615.2	467.8	-3,615.2	0.00	

## 7 Safety

### 7.1 Status

DSLTI	129.00 (days)	DSLTA	129.00 (days)
STOP Cards	98.00		

### 7.2 Safety Moment

Topic	
Comments	

### 7.3 Inspections/Drills

Drill type	KICK	Last pit drill	21/11/2025
Last drill	8.00 (days)	Last diverter drill	
Last fire/boat drill	12/11/2025	Last H2S drill	
Last evacuation drill	08/12/2025	Last trip drill	28/11/2025
Last weekly rig check	30/11/2025	Test COM.	
Daily inspection done	04/12/2025	Ton miles	
Last safety inspection	29/11/2025	Last Csg Press Test	
Last safety meeting	29/11/2025	Last Csg Press	1,500.00 (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: 116							
Company		No. People	Company		No. People		
FACT EXPAT		9	HOPSUN				2
ENS		16	FOLSTAJ				15
FACT NATIONAL		50	BAKER HUGHES				12
NEPL / WAGL		12					

### 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	8,499.00	72,215.00	DIESEL CAMPSITE	LTRS	643.00	11,092.00
CEMENT, DYKAROFF	MT		45.00				

### 10 Others

#### 10.1 Remarks

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