

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 129 24014

Approval Date: 10/14/2014

Expiration Date: 04/14/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 17N Rge: 25W

County: ROGER MILLS

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 2400

Lease Name: SYLVIA 2 CO

Well No: 2HT

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: MEWBOURNE OIL COMPANY

Telephone: 9035612900

OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY  
PO BOX 7698

TYLER, TX 75711-7698

SYLVIA B MOAD REVOCABLE TRUST

P O BOX 356

CHEYENNE OK 73628

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	TONKAWA	7950	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 51093  
392903

Location Exception Orders: 631058

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12440

Ground Elevation: 2328

**Surface Casing: 2000**

Depth to base of Treatable Water-Bearing FM: 510

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

**PIT 1 INFORMATION**

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 25000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

# HORIZONTAL HOLE 1

Sec 02 Twp 17N Rge 25W County ROGER MILLS

Spot Location of End Point: W2 SW SW SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 2400

Depth of Deviation: 7363

Radius of Turn: 580

Direction: 180

Total Length: 4177

Measured Total Depth: 12440

True Vertical Depth: 7998

End Point Location from Lease,

Unit, or Property Line: 330

## Notes:

### Category

### Description

DEEP SURFACE CASING

9/19/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

LOCATION EXCEPTION - 631058

10/14/2014 - G72 - 02-17N-25W (I.O.)  
X 51093/392903 TNKW  
COMP INT. NCT 330 FNL NCT 330 FSL NCT 1320 FEL NCT 1320 FWL;  
MEWBOURNE OIL COMPANY,  
9/24/2014

SPACING - 392903

10/14/2014 - G72 - 02-17N-25W  
CLARIFY 51093 TNKW & 108182 DGLS ARE SEPARATE & DISTINCT COMMON SOURCES OF SUPPLY>

SPACING - 51093

10/14/2014 - G72 - (640) 02-17N-25W  
EST TNKW

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