

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

API NUMBER: 129 23947

Approval Date: 04/30/2014
Expiration Date: 10/30/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 15N Rge: 26W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 210 660

Lease Name: SHAW 13 PA

Well No: 3HT

Well will be 210 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

SYLVESTER CHURCHILL
ROUTE 1 BOX 62
DURHAM OK 73642

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

Name	Depth	Name	Depth
1 TONKAWA	8550	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 108740

Location Exception Orders: 620451

Increased Density Orders: 619456

Pending CD Numbers:

Special Orders:

Total Depth: 13074

Ground Elevation: 2270

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 640

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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 13 Twp 15N Rge 26W County ROGER MILLS

Spot Location of End Point: C N2 NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 8041

Radius of Turn: 580

Direction: 360

Total Length: 4113

Measured Total Depth: 13074

True Vertical Depth: 8600

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	4/15/2014 - 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
INCREASED DENSITY - 619456	4/21/2014 - G72 - 13-15N-26W X 108740 TNKW; ONE WELL; MEWBOURNE OIL COMPANY; 12/19/2013
LOCATION EXCEPTION - 620451	4/21/2014 - G72 - 13-15N-26W I.O. X 108740 TNKW; POE NCT 330 FSL NCT 660 FEL; TERMINUS NCT 330 FNL NCT 660 FEL; WELL IN E/2; MEWBOURNE OIL COMPANY; 1/16/2014
PENDING CD 201403153	4/30/2014 - G72 - (640) 13-15N-26 CLARIFY 61385 & 108740 RENAMING THE DGLSS(DOUGLAS SAND) AS THE DOUGLAS (LESS TONKAWA SAND) AND CLARIFYING TONKAWA SAND AS SEPARATE AND DISTINCT.
SPACING - 108740	4/21/2014 - G72 - 13-15N-26W (640) EXT 60492/67526 TNKW, EXT OTHERS;

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