

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

API NUMBER: 045 23550

Approval Date: 12/19/2014
Expiration Date: 06/19/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 19N Rge: 26W County: ELLIS
SPOT LOCATION: SW SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 900

Lease Name: YODER 12 MD Well No: 1HM Well will be 250 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

MARIE DEAL LIFE ESTATE
RT 1 BOX 91
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 MARMATON	8800	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 632850

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407365

Special Orders:

Total Depth: 13297

Ground Elevation: 2481

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 700

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

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 12 Twp 19N Rge 26W County ELLIS

Spot Location of End Point: W2 NE NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 8294

Radius of Turn: 573

Direction: 360

Total Length: 4103

Measured Total Depth: 13297

True Vertical Depth: 8836

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

Notes:

Category	Description
DEEP SURFACE CASING	12/19/2014 - 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
PENDING CD - 201407365	12/19/2014 - G91 - (I.O.) 12-19N-26W X632850 MRMN SHL NCT 10 FSL, NCT 10 FWL** POE NCT 250 FNL, NCT 600 FWL BHL NCT 330 FSL, NCT 600 FWL NO OP. NAMED REC. 10-27-2014 (OSBURN) ** SHL TO BE CORRECTED IN FINAL ORDER PER OPERATOR**
SPACING - 632850	12/19/2014 - G91 - (640)(HOR) 12-19N-26W EST MRMN POE TO BHL NCT 660' FB