

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

API NUMBER: 045 23268

Approval Date: 10/25/2012
Expiration Date: 04/25/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 18N Rge: 26W County: ELLIS
SPOT LOCATION: S2 SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 230 2310

Lease Name: **SATTERWHITE 15** Well No: **1H** Well will be **230** feet from nearest unit or lease boundary.
Operator Name: **MEWBOURNE OIL COMPANY** Telephone: 9035612900; 4052356 OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY
P. O. BOX 7698
TYLER, TX 75711-7698

DONNA SATTERWHITE
RT 1, BOX 77
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 TONKAWA	7754	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 51093

Location Exception Orders: 596688

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12229

Ground Elevation: 2391

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 580

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 15 Twp 18N Rge 26W County ELLIS

Spot Location of End Point: C N2 NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 7181

Radius of Turn: 580

Direction: 357

Total Length: 4144

Measured Total Depth: 12229

True Vertical Depth: 7754

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

Notes:

Category	Description
DEEP SURFACE CASING	10/22/2012 - 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 - 596688	10/24/2012 - G30 - (I.O.) 15-18N-26W X51093 TNKW SHL NCT 200 FSL, NCT 2310 FWL POE NCT 600 FSL, NCT 1900 FWL BHL NCT 330 FNL, NCT 1900 FWL MEWBOURNE OIL COMPANY 4/20/12
SPACING - 51093	10/24/2012 - G30 - (640) 15-18N-26W EST TNKW

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