

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

API NUMBER: 045 23309

Approval Date: 02/12/2013  
Expiration Date: 08/12/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 16N Rge: 23W County: ELLIS  
SPOT LOCATION:  S2  S2  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 250 660

Lease Name: **BONSER 15** Well No: **2H** Well will be **250** 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

OK DEPT OF WILDLIFE  
1801 N LINCOLN BLVD  
OKC OK 73105

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

Name	Depth	Name	Depth
1 TONKAWA	8429	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 61723 Location Exception Orders: 606996 Increased Density Orders: 606718  
606758

Pending CD Numbers:

Special Orders:

Total Depth: 13367 Ground Elevation: 2184 **Surface Casing: 2000** Depth to base of Treatable Water-Bearing FM: 470

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C**

**Liner not required for Category: C**

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-22573  
H. CLOSED SYSTEM=STEEL PITS (PER OPERATOR OPTION)

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 16N Rge 23W County ELLIS

Spot Location of End Point: E2 SW SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 800

Depth of Deviation: 7854

Radius of Turn: 580

Direction: 181

Total Length: 4613

Measured Total Depth: 13367

True Vertical Depth: 8441

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

Notes:

Category	Description
DEEP SURFACE CASING	2/12/2013 - 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
EXCEPTION TO RULE - 606758	2/12/2013 - G30 - (I.O.) 15-16N-23W X165:10-3-28(C) TNKW NCT 100' FROM BONSER 1 (API 045-22427) MEWBOURNE OIL COMPANY 1/18/13
INCREASED DENSITY - 606718	2/12/2013 - G30 - 15-16N-23W X61723 TNKW 1 WELL MEWBOURNE OIL COMPANY 1/17/13
LOCATION EXCEPTION - 606996	2/12/2013 - G30 - (I.O.) 15-16N-23W X61723 TNKW SHL NCT 250 FSL, NCT 600 FEL 10-16N-23W POE NCT 250 FNL, NCT 600 FEL 15-16N-23W BHL NCT 330 FSL, NCT 700 FEL 15-16N-23W NO OP. NAMED 1/25/13
SPACING - 61723	2/12/2013 - G30 - (640) 15-16N-23W EXT 61184 TNKW

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