

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

API NUMBER: 045 23400

Approval Date: 10/10/2013
Expiration Date: 04/10/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 17N Rge: 22W County: ELLIS
SPOT LOCATION: N2 N2 NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 660

Lease Name: MISKEL 14 Well No: 1HT Well will be 200 feet from nearest unit or lease boundary.
Operator Name: MEWBOURNE OIL COMPANY Telephone: 9035612900; 4052356 OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY
PO BOX 7698
TYLER, TX 75711-7698

ROGER DALE HABEKOTT
57215 S COUNTY RD 222
MUTUAL OK 73853

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

	Name	Depth	Name	Depth
1	TONKAWA	8017	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 69641
602518

Location Exception Orders: 602471
616141

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12521

Ground Elevation: 1969

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 260

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 14 Twp 17N Rge 22W County ELLIS

Spot Location of End Point: C S2 SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 7444

Radius of Turn: 580

Direction: 180

Total Length: 4181

Measured Total Depth: 12521

True Vertical Depth: 8047

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

Notes:

Category	Description
DEEP SURFACE CASING	10/7/2013 - 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
LOCATION EXCEPTION - 602471	10/10/2013 - G30 - (I.O.) 14-17N-22W X69641 TNKW SHL NCT 200 FNL, NCT 660 FWL POE NCT 330 FNL, NCT 600 FWL BHL NCT 330 FSL, NCT 600 FWL MEWBOURNE OIL COMPANY 9/25/12
LOCATION EXCEPTION - 616141	10/10/2013 - G30 - 14-27N-11W EXTEND 602471 FOR ONE YEAR TO EXPIRE 9/25/14
SPACING - 602518	10/10/2013 - G30 - (640) 14-17N-22W AMEND 136201 DGLS IS DGLTK CONFIRM 69641 TNKW
SPACING - 69641	10/10/2013 - G30 - (640) 14-17N-22W EXT 61184/68421 TNKW

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