

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

API NUMBER: 045 23514

Approval Date: 09/08/2014

Expiration Date: 03/08/2015

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 18N Rge: 25W

County: ELLIS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 900

Lease Name: GERTRUDE 16 AP

Well No: 1HT

Well will be 200 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

KENNY KNOWLES

HCR 63, BOX 6

ARNETT OK 73832

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

Name	Depth	Name	Depth
1 DOUGLAS	7650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 78094

Location Exception Orders: 625840

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12626

Ground Elevation: 2289

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 460

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: 7500

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: CLOUD CHIEF

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 16 Twp 18N Rge 25W 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: 900

Depth of Deviation: 7124

Radius of Turn: 580

Direction: 180

Total Length: 4602

Measured Total Depth: 12626

True Vertical Depth: 7721

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

8/18/2014 - G76 - 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 - 625840

9/5/2014 - G72 - 16-18N-25W (I.O.)
X 78094/589165 DGLS;
**SHL NCT 10 FSL NCT 10 FEL;
POE NCT 330 FSL NCT 600 FEL;
TERMINUS NCT 330 FNL NCT 600 FEL;
MEWBOUME OIL COMPANY
5/22/2014
**SHL TO BE AMENDED AT FINAL HEARING PER OPERATOR.

SPACING - 78094

9/5/2014 - G72 - (640) 16-18N-25W
EST DGLS, OTHERS

This permit does not address the right of entry or settlement of surface damages.

045 23514 GERTRUDE 16 AP 1HT

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