

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

API NUMBER: 045 23283

Approval Date: 12/06/2012
Expiration Date: 06/06/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 21N Rge: 24W

County: ELLIS

SPOT LOCATION: S2 S2 SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 222 660

Lease Name: MASON "31"

Well No: 1H

Well will be 222 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

TEDDY RAY MILLER
PO BOX 296
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 COTTAGE GROVE	7300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201207024
201207023

Special Orders:

Total Depth: 12288

Ground Elevation: 2241

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 480

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 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 31 Twp 21N Rge 24W 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: 6758

Radius of Turn: 573

Direction: 180

Total Length: 4636

Measured Total Depth: 12288

True Vertical Depth: 7331

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

Notes:

Category	Description
DEEP SURFACE CASING	12/6/2012 - 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
PENDING CD - 201207023	12/6/2012 - G30 - 31-21N-24W X201207024 CGGV SHL NCT 222 FSL, NCT 660 FWL 30-21N-24W POE NCT 300 FNL, NCT 600 FWL 31-21N-24W BHL NCT 330 FSL, NCT 600 FWL 31-21N-24W NO OP. NAMED REC 11/19/12 (LEAVITT)
PENDING CD - 201207024	12/6/2012 - G30 - (640 HOR) 31-21N-24W EST CGGV (NCT 660 FB) (SUPERSEDE EXISTING UNDEVELOPED NON-HORIZONTAL SPACING UNITS) (EXIST CONCURRENTLY WITH DEVELOPED NON-HORIZONTAL SPACING UNITS) REC 11/19/12 (LEAVITT)

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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.