

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

API NUMBER: 045 23417

Approval Date: 12/16/2013

Expiration Date: 06/16/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 21N Rge: 24W

County: ELLIS

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 900

Lease Name: MASON 32

Well No: 1HCG

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

BETTY L. COOMBES

39768 S CO RD 208

WOODWARD OK 73801

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: 617418

Location Exception Orders: 618314

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11898

Ground Elevation: 2249

Surface Casing: 490

Depth to base of Treatable Water-Bearing FM: 440

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 BED AQUIFER

Pit Location Formation: OGALLALA

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 13-26018

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 32 Twp 21N Rge 24W County ELLIS

Spot Location of End Point: W2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 6796

Radius of Turn: 580

Direction: 180

Total Length: 4205

Measured Total Depth: 11898

True Vertical Depth: 7394

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category

Description

LOCATION EXCEPTION - 618314

12/16/2013 - G30 - (I.O.) 32-21N-24W
X617418 CGGV
SHL NCT 200 FNL, NCT 900 FWL
POE NCT 330 FNL, NCT 600 FWL
BHL NCT 330 FSL, NCT 600 FWL
MEWBOURNE OIL COMPANY
11/20/13

SPACING - 617418

12/16/2013 - G30 - (640 HOR) 32-21N-24W
EST CGGV
POE TO BHL NLT 660' FB
(SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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045 23417 MASON 32 1HCG