

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

API NUMBER: 045 23561

Approval Date: 01/08/2015

Expiration Date: 07/08/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 18N Rge: 25W

County: ELLIS

SPOT LOCATION: NW NW NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 250 1000

Lease Name: MARVEL 10 AP

Well No: 1HM

Well will be 250 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

TRELLA SUTHERS TRUST
44199 OSCEOLA WAY
CALLAHAN FL 32011

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

Name	Depth	Name	Depth
1 MARMATON	9050	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 629589

Location Exception Orders: 630265

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13759

Ground Elevation: 2200

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 440

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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 10 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: 800

Depth of Deviation: 8550

Radius of Turn: 573

Direction: 178

Total Length: 4309

Measured Total Depth: 13759

True Vertical Depth: 9080

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

Notes:

Category	Description
DEEP SURFACE CASING	1/8/2015 - 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 - 630265	1/8/2015 - G91 - (I.O.) 10-18N-25W X629589 MRMN POE NCT 330 FNL OR FSL, NCT 600 FEL BHL NCT 330 FNL OR FSL, NCT 600 FEL MEWBOURNE OIL CO. 9-8-2014
SPACING - 629589	1/8/2015 - G91 - (640)(HOR) 10-18N-25W EST MRMN POE TO BHL NLT 660' FB (SUPERSEDE SP. ORDER # 153409 BGLM, OSWG)