

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

API NUMBER: 007 25648

Approval Date: 11/25/2013  
Expiration Date: 05/25/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 1N Rge: 20ECM County: BEAVER

SPOT LOCATION:  SE  SE  SE  SW FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 233 160

Lease Name: STATE OF OKLAHOMA D Well No: 1-7H Well will be 233 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY Telephone: 9184937700; 9184937 OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY  
PO BOX 702500  
TULSA, OK 74170-2500

COMMISSIONERS OF THE LAND OFFICE  
120 N. ROBINSON, SUITE 1000W  
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 DOUGLAS	4950	6	
2 LANSING-KANSAS CITY	5047	7	
3 MARMATON	5867	8	
4		9	
5		10	

Spacing Orders: 616921

Location Exception Orders: 617769

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10607

Ground Elevation: 2843

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 500

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

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: 20000 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: 13-24875

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 07 Twp 1N Rge 20E County BEAVER

Spot Location of End Point: E2 SE SE SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 160

Depth of Deviation: 5500

Radius of Turn: 740

Direction: 360

Total Length: 4500

Measured Total Depth: 10607

True Vertical Depth: 5921

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

Notes:

Category	Description
DEEP SURFACE CASING	11/19/2013 - 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 - 617769	11/22/2013 - G30 - (I.O.) 7-1N-20ECM X616921 DGLS, LGKC, MRMN SHL NCT 50 FSL, NCT 660 FEL 6-1N-20ECM COMP. INT. NCT 330 FNL, NCT 330 FSL, NCT 660 FEL UNIT PETROLEUM COMPANY 11/4/13
SPACING - 616921	11/22/2013 - G30 - (640 HOR) 7-1N-20ECM EXT 613539 DGLS, LGKC, MRMN POE TO BHL NLT 660' FB

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