

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

API NUMBER: 007 25696

Approval Date: 09/05/2014  
Expiration Date: 03/05/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 1N Rge: 21ECM County: BEAVER

SPOT LOCATION:  SW  SW  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 200 1000

Lease Name: NORRIS Well No: 1-34H Well will be 200 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

GINA & KELLY NORRIS, C/O J. NORRIS  
P.O. BOX 1106  
PERRYTON TX 79070

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

Name	Depth	Name	Depth
1 MARMATON	6501	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406457  
201406456

Special Orders:

Total Depth: 11591 Ground Elevation: 2928 Surface Casing: 1995 Depth to base of Treatable Water-Bearing FM: 450

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: 14-28300  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 34 Twp 1N Rge 21E County BEAVER

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1000

Depth of Deviation: 5874

Radius of Turn: 740

Direction: 180

Total Length: 4554

Measured Total Depth: 11591

True Vertical Depth: 6614

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category	Description
DEEP SURFACE CASING	9/5/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
PENDING CD - 201406456	9/5/2014 - G75 - (E.O.)(HOR)(IRR UNIT) FRAC SEC 3-1S-21ECM & 34-1N-21ECM EXT 601190 MRMN COMPL. INT. NLT 330' FB (COEXIST WITH NON-HORIZONTAL SPACING UNITS) UNIT PETRO. CO. REC 9-5-2014 (MCKEOWN)
PENDING CD - 201406457	9/5/2014 - G75 - (E.O.)(IRR UNIT) X201406456 MRMN SHL NCT 200 FSL, NCT 1000 FEL 27-1N-21ECM COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 660 FEL FRAC SEC 3-1S-21ECM & 34-1N-21ECM UNIT PETRO. CO. REC 9-5-2014 (MCKEOWN)

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