

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

API NUMBER: 007 25599

Approval Date: 03/21/2013  
Expiration Date: 09/21/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 1N Rge: 23ECM County: BEAVER

SPOT LOCATION:  SE  SE  SW  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 208 1443

Lease Name: BENEDICT Well No: 1-11H Well will be 200 feet from nearest unit or lease boundary.

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

UNIT PETROLEUM COMPANY  
P.O. Box 702500  
TULSA, OK 74170-2500

JOHN L. BENEDICT  
RR 2, BOX 73  
BALCO OK 73931-

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

	Name	Depth	Name	Depth
1	DOUGLAS	5930	6	
2	LANSING-KANSAS CITY	6030	7	
3	MARMATON	6825	8	
4			9	
5			10	

Spacing Orders: 608083

Location Exception Orders: 608777

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11516

Ground Elevation: 2792

**Surface Casing: 1995**

Depth to base of Treatable Water-Bearing FM: 520

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 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.

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

PERMIT NO: 13-22679

H. SEE MEMO

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 11 Twp 1N Rge 23E County BEAVER

Spot Location of End Point: C S2 S2 SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 5500

Radius of Turn: 740

Direction: 360

Total Length: 4500

Measured Total Depth: 11516

True Vertical Depth: 6938

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

Notes:

Category	Description
DEEP SURFACE CASING	3/21/2013 - 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 - 608777	3/21/2013 - G30 - (I.O.) 11-1N-23ECM X608083 DGLS, LGKC, MRMN COMP. INT. NCT 330 FNL, NCT 330 FSL, NCT 1320 FEL 3/11/13
MEMO	3/21/2013 - G71 - SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER, 20 MIL LINED GEOMEMBRANE TRENCH PIT FOR SOIL FARMING
SPACING - 608083	3/21/2013 - G30 - (640 HOR) 11-1N-23ECM VAC 70395 MRMN VAC 261319 MRMN VAC 219982 TNKW, LNSG, KSSC EXT 586088 DGLS, LGKC, MRMN POE TO BHL: NCT 660' FB

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