

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

API NUMBER: 007 25616

Approval Date: 06/06/2013
Expiration Date: 12/06/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 1N Rge: 21ECM County: BEAVER

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 210 1320

Lease Name: WILSON Well No: 1-17H Well will be 210 feet from nearest unit or lease boundary.

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

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

BOBBY L. & WYONA WILSON
ROUTE 2, BOX 45
BALCO OK 73931

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

	Name	Depth	Name	Depth
1	DOUGLAS	5200	6	
2	LANSING-KANSAS CITY	5400	7	
3	MARMATON	6400	8	
4			9	
5			10	

Spacing Orders: 611191

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201302344

Special Orders:

Total Depth: 11097

Ground Elevation: 2925

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 510

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:

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

PERMIT NO: 13-23062

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 17 Twp 1N Rge 21E County BEAVER

Spot Location of End Point: C N2 N2 NE

Feet From: NORTH 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: 11097

True Vertical Depth: 6458

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

Notes:

Category	Description
DEEP SURFACE CASING	6/5/2013 - 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
MEMO	6/5/2013 - G71 - SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER, 20 MIL LINED GEOMEMBRANE TRENCH PIT FOR SOIL FARMING
PENDING CD - 201302344	6/6/2013 - G30 - 17-1N-21ECM X201302342 DGLS, LGKC, MRMN SHL NCT 200 FSL, NCT 200 FEL COMP. INT. NCT 330 FSL, NCT 330 FNL, NCT 660 FEL NO OP. NAMED REC 4/23/13 (JOHNSON)
SPACING - 611191	6/6/2013 - G30 - (640 HOR) 17-1N-21ECM EXT 599088 DGLS EXT 606752 LGKC, MRMN POE TO BHL: NLT 660' FB

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