

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

API NUMBER: 007 25675

Approval Date: 04/09/2014

Expiration Date: 10/09/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 2N Rge: 23ECM County: BEAVER

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 236 2370

Lease Name: FRANTZ Well No: 1-30H Well will be 236 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

HOWARD G. & SONJA K. FRANTZ
ROUTE 1, BOX 20
BALKO OK 73931

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

	Name	Depth	Name	Depth
1	DOUGLAS	5260	6	
2	LANSING-KANSAS CITY	5360	7	
3	MARMATON	6430	8	
4			9	
5			10	

Spacing Orders: 604777

Location Exception Orders: 608866

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11084

Ground Elevation: 2814

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 380

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: 14-26618
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 30 Twp 2N Rge 23E County BEAVER

Spot Location of End Point: E2 SE SE SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2370

Depth of Deviation: 5500

Radius of Turn: 740

Direction: 180

Total Length: 4421

Measured Total Depth: 11084

True Vertical Depth: 6540

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category

Description

DEEP SURFACE CASING

4/2/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

LOCATION EXCEPTION - 608866

4/8/2014 - G75 - (I.O.) 30-2N-23ECM
X604777 DGLS, LGKC, MRMN
COMPL. INT. NCT 330 FNL, NCT 330 FSL, NCT 500 FWL
CHAPARAL ENERGY, L.L.C. **
3-12-2013

** S/B UNIT PETRO. CO.; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

SPACING - 604777

4/8/2014 - G75 - (640)(HOR) 30-2N-23ECM
VAC 70371 MRMN
VAC 86409 MRMN
EST DGLS
EXT 580786 LGKC, MRMN
POE TO BHL NCT 660' FB

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007 25675 FRANTZ 1-30H