

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

API NUMBER: 007 25652

Approval Date: 12/19/2013
Expiration Date: 06/19/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 1N Rge: 23ECM County: BEAVER

SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 215 1000

Lease Name: WINN Well No: 1-13H Well will be 215 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

WINN PROPERTIES, LLC
18 WASHINGTON TERRACE
ST LOUIS MO 63112-

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

	Name	Depth	Name	Depth
1	DOUGLAS	5500	6	
2	LANSING-KANSAS CITY	6035	7	
3	MARMATON	6922	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201308356
201308354

Special Orders:

Total Depth: 11662

Ground Elevation: 2815

Surface Casing: 1995

Depth to base of Treatable Water-Bearing FM: 400

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: 13-25008
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 13 Twp 1N Rge 23E County BEAVER

Spot Location of End Point: W2 NW NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1000

Depth of Deviation: 5500

Radius of Turn: 740

Direction: 360

Total Length: 4500

Measured Total Depth: 11662

True Vertical Depth: 7138

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

Notes:

Category	Description
DEEP SURFACE CASING	12/19/2013 - 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
PENDING CD - 201308354	12/19/2013 - G30 - (E.O.)(640 HOR) 13-1N-23ECM VAC 70395 MRMN (W2) VAC 70746 MRMN (E2) VAC 219982 LNSG, KSSC EXT 608083 DLGS, LGKC, MRMN POE TO BHL NLT 660' FB NO OP. NAMED REC 12/17/13 (MCKEOWN)
PENDING CD - 201308356	12/19/2013 - G30 - (E.O.) 13-1N-23ECM X201308354 DGLS, LGKC, MRMN SHL NCT 50 FSL, NCT 660 FEL COMP. INT. NCT 330 FSL, NCT 330 FNL, NCT 660 FEL NO OP. NAMED REC 12/17/13 (MCKEOWN)

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