

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

API NUMBER: 139 24596

Approval Date: 10/15/2013
Expiration Date: 04/15/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 2N Rge: 19ECM County: TEXAS

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

Lease Name: WILSON ESTATE Well No: 1-2H 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
P.O. Box 702500
TULSA, OK 74170-2500

SARAH WILSON & OLEN WILSON
7305 JAMESON
AMARILLO TX 79121

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

Name	Depth	Name	Depth
1 DOUGLAS	4650	6	
2 LANSING-KANSAS CITY	4800	7	
3 MARMATON	5750	8	
4		9	
5		10	

Spacing Orders: 616226

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201305485

Special Orders:

Total Depth: 10563

Ground Elevation: 2780

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

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: PERMIAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-24574
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 02 Twp 1N Rge 19E County TEXAS

Spot Location of End Point: W2 SW SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1000

Depth of Deviation: 5010

Radius of Turn: 740

Direction: 360

Total Length: 4390

Measured Total Depth: 10563

True Vertical Depth: 5804

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

Notes:

Category	Description
DEEP SURFACE CASING	10/8/2013 - 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 - 201305485	10/15/2013 - G75 - (I.O.) X616226 DGLS, LGKC, MRMN SHL NCT 50 FSL, NCT 50 FEL 35-2N-19ECM FIRST PERF NCT 330 FNL, NCT 660 FEL 2-1N-19ECM LAST PERF NCT 330 FSL, NCT 660 FEL 2-1N-19ECM UNIT PETRO. CO. REC 9-9-2013 (JOHNSON)
SPACING - 616226	10/15/2013 - G75 - (640)(HOR) 2-1N-19ECM VAC 83284 MRMN EST DGLS, LGKC, MRMN POE TO BHL NCT 660' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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