

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

API NUMBER: 139 24607

Approval Date: 01/27/2014
Expiration Date: 07/27/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 2N Rge: 19ECM County: TEXAS

SPOT LOCATION: NE NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 240 969

Lease Name: HARRISON Well No: 1-24H Well will be 240 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

DAVID LESLIE HARRISON
ROUTE 1, BOX 76
TYRONE OK 73951-

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

Name	Depth	Name	Depth
1 DOUGLAS	4650	6	
2 LANSING-KANSAS CITY	4730	7	
3 MARMATON	5740	8	
4		9	
5		10	

Spacing Orders: 620677

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201308383

Special Orders:

Total Depth: 10825

Ground Elevation: 2700

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 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: 14-26214

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 24 Twp 2N Rge 19E County TEXAS

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 969

Depth of Deviation: 5500

Radius of Turn: 740

Direction: 360

Total Length: 4500

Measured Total Depth: 10825

True Vertical Depth: 5774

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category	Description
DEEP SURFACE CASING	1/23/2014 - 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 - 201308383	1/27/2014 - G30 - 24-2N-19ECM X201308380 DGLS, LGKC, MRMN SHL NCT 50 FNL, NCT 660 FEL 25-2N-19ECM COMP. INT. NCT 165 FSL, NCT 165 FNL, NCT 660 FEL 24-2N-19ECM NO OP. NAMED REC 1/6/14 (MCKEOWN)
SPACING - 620677	1/27/2014 - G30 - (640 HOR) 24-2N-19ECM VAC 83284 MRMN EST DGLS, LGKC, MRMN POE TO BHL NLT 660' FB

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