

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

API NUMBER: 129 24039

Approval Date: 01/06/2015  
Expiration Date: 07/06/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 15N Rge: 26W

County: ROGER MILLS

SPOT LOCATION:  SW  NE  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 350 850

Lease Name: WASHITA RIVER

Well No: 3H-16

Well will be 350 feet from nearest unit or lease boundary.

Operator Name: LE NORMAN OPERATING LLC

Telephone: 4055481200

OTC/OCC Number: 22738 0

LE NORMAN OPERATING LLC  
4700 GAILLARDIA PKWY STE 200  
OKLAHOMA CITY, OK 73142-1839

WASHITA RIVER ENTERPRISES, LLC  
P.O. BOX 3417  
LITTLE ROCK AR 72203

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

Name	Depth	Name	Depth
1 CLEVELAND	10200	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 135140

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408630  
201408629

Special Orders:

Total Depth: 15447

Ground Elevation: 2346

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 130

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

**PIT 1 INFORMATION**

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 35000 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:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 16 Twp 15N Rge 26W County ROGER MILLS

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 9620

Radius of Turn: 580

Direction: 359

Total Length: 4916

Measured Total Depth: 15447

True Vertical Depth: 10200

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

Notes:

Category	Description
DEEP SURFACE CASING	1/6/2015 - 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 - 201408629	1/6/2015 - G91 - 16-15N-26W X135140 CLVD 1 WELL NO OP. NAMED REC. 12-18-2014 (P. PORTER)
PENDING CD - 201408630	1/6/2015 - G91 - (I.O.) 16-15N-26W X135140 CLVD SHL 350 FNL 700 FWL ** (21-15N-26W) COMPL INT. NCT 165 FSL, NCT 165 FNL, NCT 700 FEL NO OP. NAMED REC. 12-18-2014 (P.PORTER)
	** SHL TO BE CORRECTED AT FINAL HEARING PER OPERATOR**
SPACING - 135140	1/6/2015 - G91 - (640) 16-15N-26W EXT 100037 CLVD EXT OTHERS EST OTHERS
WATERSHED STRUCTURE	1/6/2015 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 497-3413 PRIOR TO DRILLING

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