

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

API NUMBER: 129 24008

Approval Date: 09/22/2014

Expiration Date: 03/22/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 17N Rge: 25W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 2180

Lease Name: TWO D RANCH

Well No: 1H-25

Well will be 250 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 73142-1881

TWO D RANCH LLC  
5001 GAILLARDIA CORP PLACE  
OKLAHOMA CITY OK 73142

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

Name	Depth	Name	Depth
1 CLEVELAND	9650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 629333

Location Exception Orders: 630030

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14961

Ground Elevation: 2096

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 470

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: 8000 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-28271

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 25 Twp 17N Rge 25W County ROGER MILLS

Spot Location of End Point: S2 S2 SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 9150

Radius of Turn: 550

Direction: 179

Total Length: 4947

Measured Total Depth: 14961

True Vertical Depth: 9700

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

## Notes:

### Category

### Description

DEEP SURFACE CASING

9/22/2014 - 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

LOCATION EXCEPTION - 630030

9/22/2014 - G91 - (I.O.)(640)(HOR)  
X 629333 CLVD  
SHL 250 FSL, 2180 FEL 24-17N-25W  
COMP. INT. NCT 165 FNL, NCT 165 FSL, NCT 1320 FEL 25-17N-25W  
9-3-2014

SPACING - 629333

9/22/2014 - G91 - (640)(HOR) 25-17N-25W  
EXT 606800 CLVD  
POE TO BHL NCT 660' FB  
(SUPERCEDE NON-DEVELOP NON-HORIZONTAL) SPACING UNITS; COEXIST PRODUCING NON-HORIZONTAL SPACING UNITS)

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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.

129 24008 TWO D RANCH 1H-25

129-24008

Oklahoma Certificate of Authorization No.1292, Exp. June 30, 2015

SCALE: 1" = 1000'

0' 500' 1000'

OK NORTH, NAD-27  
X:1459362 & Y:347878

OK NORTH, NAD-27  
X:1464664 & Y:347815

S 89°19'02" E 5301.58'

ROGER MILLS CO  
ELLIS CO.

LEGEND

- = PREVIOUSLY PLATTED WELL
- = EXISTING WELL
- ⊙ = PROPOSED WELL
- ⊕ = PENETRATION POINT
- ⊖ = TERMINUS POINT
- ⊗ = BOTTOM HOLE LOC.
- ⊘ = SECTION CORNER

N 00°42'03" E 5274.75'

OK NORTH, NAD-27  
X:1459298 & Y:342603

N 00°43'36" E 5274.99'

OK NORTH, NAD-27  
X:1459231 & Y:337129

N 88°42'24" W 5328.75'

TWO D RANCH 1H-25

SECTION 24

T-17-N, R-25-WIM

ROGER MILLS COUNTY, OKLAHOMA  
LOCATION PLAT

NOTE:

BEARINGS AND DISTANCES ARE NAD-27  
GRID OK. NORTH ZONE AND WERE  
DETERMINED BY GPS OBSERVATION

This plat DOES NOT represent a  
true Boundary Survey. The  
footages and ties shown are  
from lines of occupation, which  
may not be actual Property Lines.

Footages: 250' FSL & 2180' FEL Elevation: 2096'GR.

Topography & Vegetation: PASTURE

Reference or Alternate Stakes Set: NONE SET

Best Accessibility to Location: FROM TRAIL ROAD EAST OF LOCATION

Distance & Direction: ±6 MILES NORTHEAST OF DURHAM, OKLAHOMA



CERTIFICATE

I, V. Lynn Bezner, a Registered Land Surveyor and an  
authorized agent of Topographic Land Surveyors, do hereby  
certify that the above described well location was surveyed  
and staked on the ground as shown.

V. Lynn Bezner, R.L.S. No. 1230

ORIGINAL DOCUMENT SIZE: 14" X 8.5"

LE NORMAN  
OPERATING, LLC

REVISION:

DATE: MAY 16, 2014

FILE: LO\_TWO\_D\_RANCH\_1H\_25

DRAWN BY: K.YOUREE



TOPOGRAPHIC  
LOYALTY INNOVATION LEGACY

2225 PERRYTON PKWY • PAMPA, TEXAS 79065  
(806) 665-7218 • (800) 658-6382 • FAX (806) 665-7210