

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

API NUMBER: 129 24044

Approval Date: 02/04/2015
Expiration Date: 08/04/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 15N Rge: 25W County: ROGER MILLS
SPOT LOCATION: SE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 996

Lease Name: WASH RIV Well No: 1H-27 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 73142-1839

DARLENE JOHNSON, TRUSTEE
8661 N. 1760
CHEYENNE OK 73628

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

Name	Depth	Name	Depth
1 CLEVELAND	10000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 144218

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500113

Special Orders:

Total Depth: 15128

Ground Elevation: 2152

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 640

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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: C

Liner not required for Category: C

Pit Location is OTHER HSA

Pit Location Formation: DOXEY

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

PERMIT NO: 15-29498

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER)

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 27 Twp 15N Rge 25W County ROGER MILLS

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 600

Depth of Deviation: 9420

Radius of Turn: 580

Direction: 190

Total Length: 4797

Measured Total Depth: 15128

True Vertical Depth: 10000

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

Notes:

Category	Description
DEEP SURFACE CASING	1/27/2015 - 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 - 201500113	2/2/2015 - G76 - 27-15N-25W X144218 CLVD SHL 250 FSL, 850 FWL 22-15N-25W ** COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 560 FWL NO OP. NAMED REC. 2/2/2015 (LEAVITT) **ITD HAS SHL AT 250 FSL, 996 FWL 22-15N-25W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
SPACING - 144218	2/2/2015 - G76 - (640) 27-15N-25W EXT OTHERS EXT 100037/135140 CLVD EST OTHER

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.

API- 129-24044

WASH RIV 1H-27

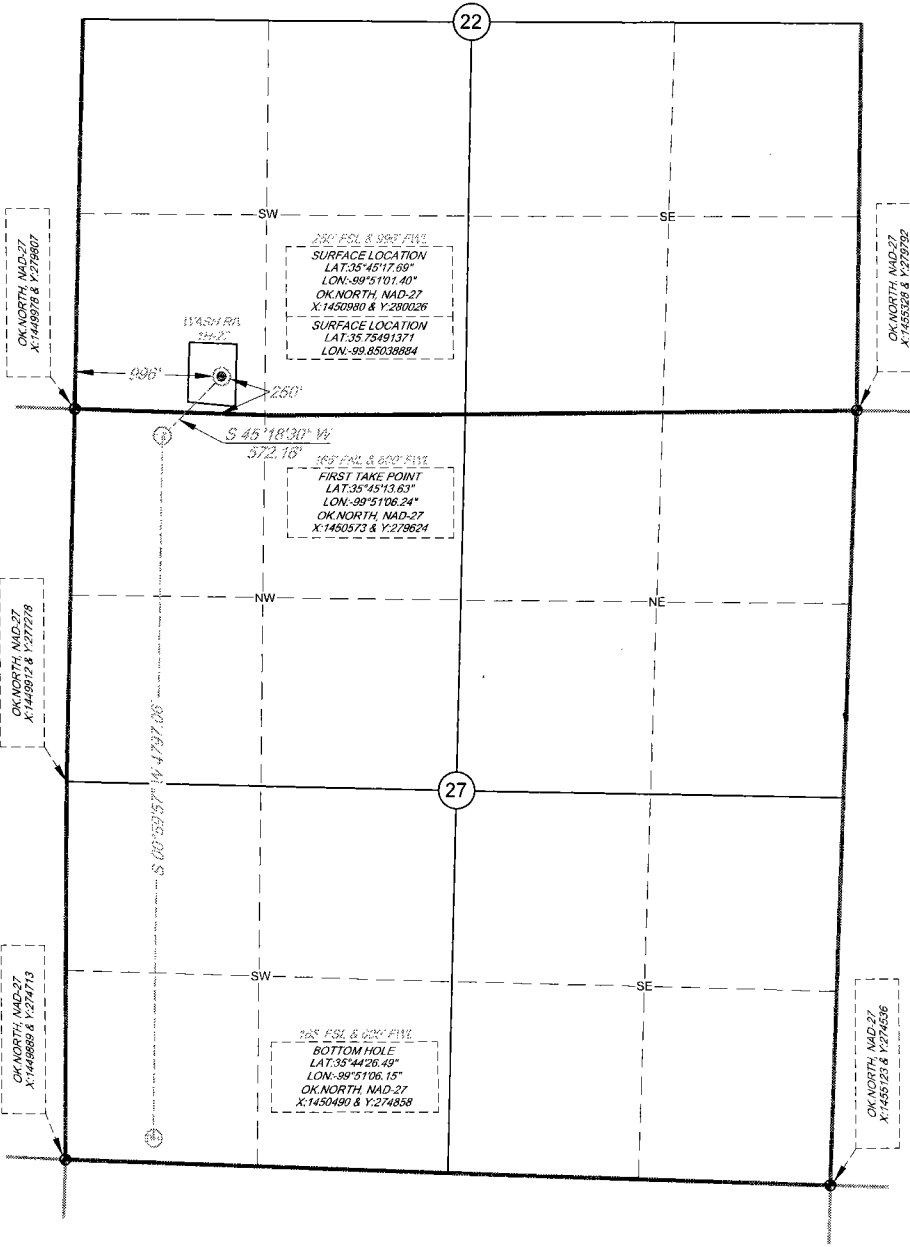


SECTION 22
T-15-N, R-25-WIM
ROGER MILLS COUNTY, OKLAHOMA
LOCATION PLAT

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



SCALE: 1" = 1000'
0' 500' 1000'



LEGEND

- = PREVIOUSLY PLATTED WELL
- = EXISTING WELL
- ⊙ = PROPOSED WELL
- ⊕ = PENETRATION POINT
- 1T = FIRST TAKE POINT
- BH = BOTTOM HOLE LOC.
- ⊙ = SECTION CORNER

Footages: 250' FSL & 996' FWL Elevation: 2152'GR.
 Topography & Vegetation: PASTURE
 Reference or Alternate Stakes Set: ALT. 250' FSL & 896' FWL
 Best Accessibility to Location: FROM TRAIL ROAD TO THE SOUTH
 Distance & Direction: ±9 MILES SOUTHWEST OF CRAWFORD, OKLAHOMA

NOTE:
BEARINGS AND DISTANCES ARE NAD-27 GRID OK.
NORTH ZONE AND WERE DETERMINED BY GPS
OBSERVATION
ORIGINAL DOCUMENT SIZE: 14" X 8.5"

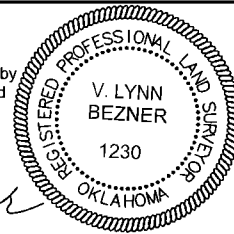


This plat DOES NOT represent a true Boundary Survey. The footages and ties shown are from lines of occupation, which may not be actual Property Lines.

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



LE NORMAN OPERATING, LLC.	
DATE: JANUARY 13, 2015	REVISION:
FILE: LO_WASH_RIV_1H_27	
DRAWN BY: COLE ENGLE	