

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

API NUMBER: 129 24040

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 15N Rge: 26W County: ROGER MILLS  
SPOT LOCATION:  NW  NW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 275 1000

Lease Name: WASHITA RIVER Well No: 1H-20 Well will be 275 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	10220	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 144205

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407687

Special Orders:

Total Depth: 15379

Ground Elevation: 2349

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 650

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28556

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 20 Twp 15N Rge 26W County ROGER MILLS

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 100

Feet From: EAST 1/4 Section Line: 1000

Depth of Deviation: 9640

Radius of Turn: 580

Direction: 180

Total Length: 4828

Measured Total Depth: 15379

True Vertical Depth: 10220

End Point Location from Lease,  
Unit, or Property Line: 100

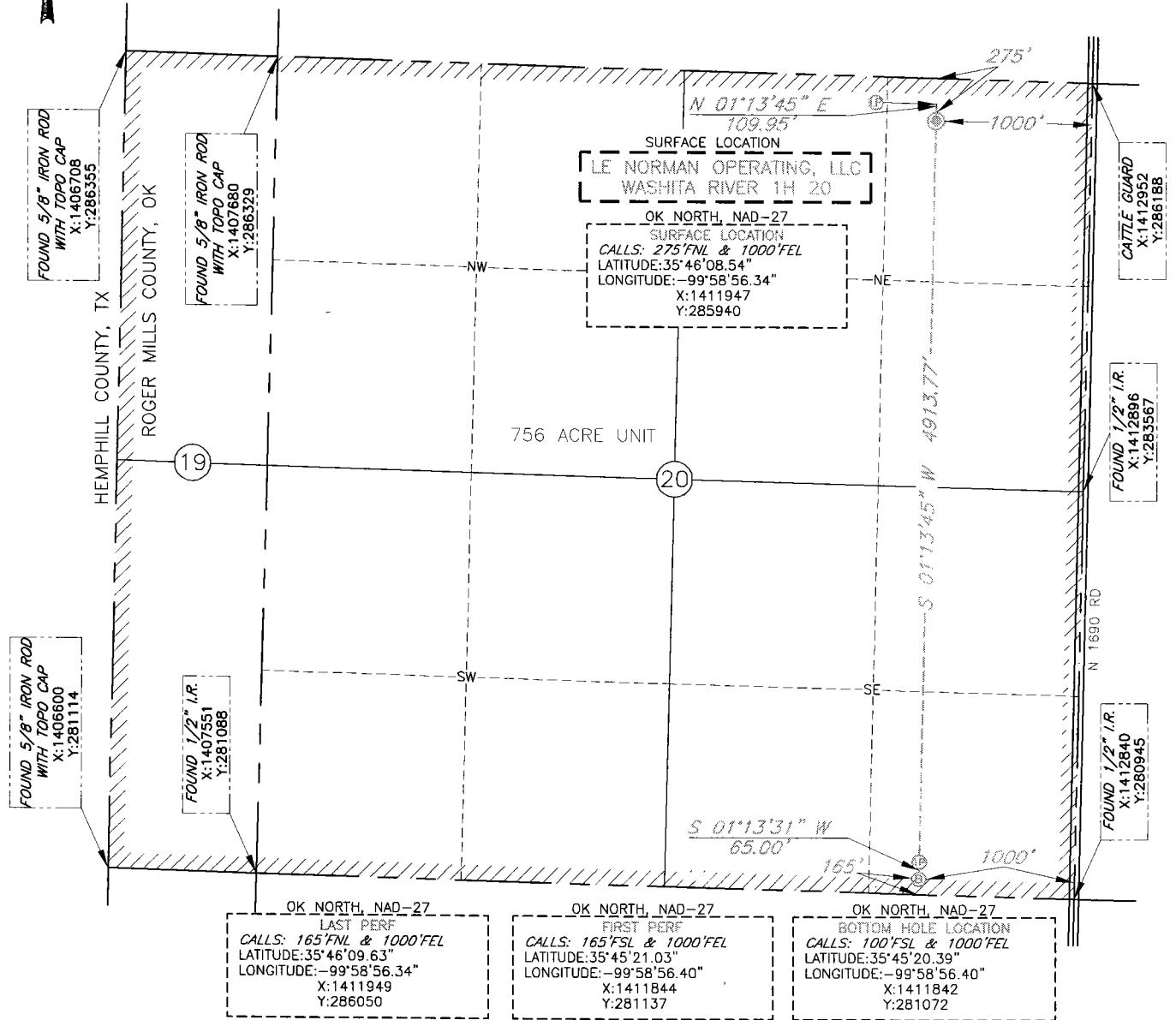
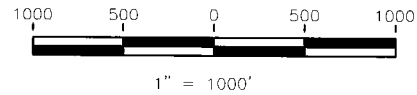
Notes:

Category	Description
DEEP SURFACE CASING	9/30/2014 - G76 - 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 - 201407687	1/6/2015 - G76 - (I.O.) FRAC SEC 19 & 20-15N-26W X144205 CLVD, OTHERS SHL 250 FNL, 1000 FEL** COMPL. INT. 165 FNL, 165 FSL, 660 FEL NO OP. NAMED REC. 11/10/2014 (NORRIS)  ****SHL TO BE AMENDED AT FINAL HEARING PER OPERATOR**
SPACING - 144205	1/5/2015 - G76 - (640)(IRR UNIT) FRAC SEC 19 & 20-15N-26W EXT 98946/133632 CLVD, OTHERS EXT OTHERS

PROPOSED LOCATION PLAT

API-129-24040

COMPANY: LE NORMAN OPERATING, LLC LEASE NAME: WASHITA RIVER 1H 20  
 SECTION: 20 TOWNSHIP: 15N RANGE: 26W ELEVATION: 2306'GR.  
 COUNTY: ROGER MILLS STATE: OKLAHOMA FOOTAGES: 275'FNL & 1000'FEL  
 DIRECTION: ±5 MILES SOUTHWEST OF DURHAM, OK.  
 TOPOGRAPHY & VEGETATION: PASTURE  
 BEST ACCESSIBILITY: FROM COUNTY ROAD EAST OF LOCATION



OK NORTH, NAD-27  
 LAST PERF  
 CALLS: 165'FNL & 1000'FEL  
 LATITUDE: 35°46'09.63"  
 LONGITUDE: -99°58'56.34"  
 X: 1411949  
 Y: 286050

OK NORTH, NAD-27  
 FIRST PERF  
 CALLS: 165'FSL & 1000'FEL  
 LATITUDE: 35°45'21.03"  
 LONGITUDE: -99°58'56.40"  
 X: 1411844  
 Y: 281137

OK NORTH, NAD-27  
 BOTTOM HOLE LOCATION  
 CALLS: 100'FSL & 1000'FEL  
 LATITUDE: 35°45'20.39"  
 LONGITUDE: -99°58'56.40"  
 X: 1411842  
 Y: 281072

W:\ORFS\COMPANY LOGS\LENorman.png

FILE: ORFS-700-08

DATE: 7-1-14

SURVEYED BY: S. MAXWELL

DRAWN BY: K. WHINERY

CHECKED BY: C. DOWNS

REVISION:

1	JW	MOVE WELL 10/15/14
2	JW	DRAW ALT. 10/16/14
3	XX	XXXXX
4	XX	XXXXX
5	XX	XXXXX

- LEGEND**
- ⊙ SURFACE
  - ⊙ 1ST PERF
  - ⊙ LAST PERF
  - ⊙ BOTTOM HOLE
  - EXISTING WELLS
  - PROPOSED WELLS

NOTE:  
 BEARINGS, DISTANCES & COORDINATES BASED ON OKLAHOMA  
 STATE PLANE COORDINATE SYSTEM  
 GPS OBSERVATION, OK NORTH ZONE, NAD-27  
 GRID, US SURVEY FEET

OPEN RANGE FIELD SERVICES LLC  
 217 N. CUYLER PAMPA, TX 79065  
 PH: (806)665-0770 FAX: (806)669-2990



I JACKSON MILLER, HEREBY STATE THAT THE LOCATION PLAT SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED BY ME OR UNDER MY DIRECT SUPERVISION.

*Jackson Miller*  
 JACKSON MILLER 10/17/14  
 OK RLS #1309

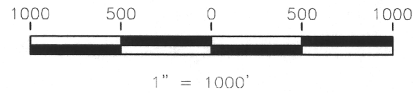


SURVEY & MAPPING BY  
**ENER-TRANS Inc.**  
 4405 NW 4th Str. Suite 133 Phone: (405) 947-1340  
 Oklahoma City, Oklahoma Fax: (405) 947-2923  
 73107 (CA-1114 LS 6/30/2016)

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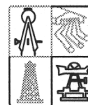
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