

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

API NUMBER: 045 23476

Approval Date: 05/19/2014
Expiration Date: 05/19/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 17N Rge: 23W County: ELLIS
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 380 2640

Lease Name: JOHN DUNN Well No: 1H-30 Well will be 380 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

CRIPPLE BEAR LLC
#1012
19355 CYPRUS RIDGE TERRACE
LANDSDOWNE VA 20176

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

Name	Depth	Name	Depth
1 CLEVELAND	9675	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 575223

Location Exception Orders: 624371

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14829

Ground Elevation: 2311

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 660

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:

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

PERMIT NO: 14-27163

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 30 Twp 17N Rge 23W County ELLIS

Spot Location of End Point: E2 SE SE SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2636

Depth of Deviation: 8993

Radius of Turn: 580

Direction: 180

Total Length: 4925

Measured Total Depth: 14829

True Vertical Depth: 9675

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	5/14/2014 - 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 - 624371	5/19/2014 - G72 - 30-17N-23W (I.O.) X 575223 CLVD; SHL 250 FSL 2640 FEL (19-17N-23W) COMP INT. NCT 330 FNL NCT 330 FSL NCT 1320 FEL; LENORMAN OPERATING LLC; 4/23/2014
SPACING - 575223	5/19/2014 - G72 - (640) 30-17N-23W EST CLVD, OTHERS;

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.



Le Norman Operating LLC
4700 Gaillardia Parkway, Suite 200
Oklahoma City, OK 73142

November 19, 2014

Attn: Steve Vinje
Oklahoma Corporation Commission
Oil & Gas Conservation Division
P.O. Box 52000
Oklahoma City, OK 73152

Re: John Dunn 1H-30 ✓
Section 19-17N-23W ✓
Ellis County, Oklahoma ✓
API #045-23476 ✓

Dear Mr. Vinje:

Le Norman Operating LLC respectfully request a six month extension on the approved permit for the above referenced well, all information included on the permit remains the same. Le Norman Operating understands that the extension will be granted for only one six-month period and once that period has elapsed, the permit and fee must be re-filed.

If additional or further information is needed, please feel free to contact me at (405) 241-1862 or by e-mail at cmg@lenorman.net.

Sincerely,

Carla Gomez
Senior Engineering Analyst

