

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

API NUMBER: 129 23865 B

Approval Date: 08/26/2013
Expiration Date: 02/26/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGE PIT SYSTEM; ADD SOIL FARM PERMIT NUMBER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 14N Rge: 24W County: ROGER MILLS
SPOT LOCATION: SE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 525 600

Lease Name: BOSWELL FAMILY Well No: 12-1H Well will be 525 feet from nearest unit or lease boundary.
Operator Name: LE NORMAN OPERATING LLC Telephone: 4055481200 OTC/OCC Number: 22738 0

LE NORMAN OPERATING LLC
4727 GAILLARDIA PKWY STE 200
OKLAHOMA CITY, OK 73142-1881

THOMAS W. DAVIS
P.O. BOX 6185
YUMA AZ 85366

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

Name	Depth	Name	Depth
1 CLEVELAND	11205	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 153835

Location Exception Orders: 615322

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16451

Ground Elevation: 2143

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 540

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: 30000 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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-24943

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 12 Twp 14N Rge 24W County ROGER MILLS

Spot Location of End Point: E2 NW NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 600

Depth of Deviation: 10625

Radius of Turn: 580

Direction: 360

Total Length: 4915

Measured Total Depth: 16451

True Vertical Depth: 11205

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

Additional Surface Owner	Address	City, State, Zip
JAMES N. DAVIS	502 MELINA	DUMAS, TX 79029
LINDA D. JENKINS	4053 AKELA WAY	MCKINNEY, TX 75071

Notes:

Category	Description
DEEP SURFACE CASING	8/23/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 615322	9/19/2013 - G75 - (I.O.) X153835 CLVD SHL NCT 200 FNL, NCT 560 FWL 13-14N-24W FIRST PERF NCT 300 FSL, NCT 560 FWL 12-14N-24W LAST PERF NCT 330 FNL, NCT 560 FWL 12-14N-24W LE NORMAN OP. LLC 8-29-2013
SPACING - 153835	8/26/2013 - G75 - (640) 12-14N-24W EXT 128051 CLVD, OTHERS EST OTHERS

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