

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

API NUMBER: 129 23936 A

Approval Date: 04/08/2014

Expiration Date: 10/08/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGE BOTTOM-HOLE LOCATION; UPDATE
LOCATION EXCEPTION ORDER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 14N Rge: 23W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 259 1997

Lease Name: MCGARRAUGH

Well No: 1H-35

Well will be 259 feet from nearest unit or lease boundary.

Operator LE NORMAN OPERATING LLC
Name:

Telephone: 4055481200

OTC/OCC Number: 22738 0

LE NORMAN OPERATING LLC
4700 GAILLARDIA PKWY STE 200
OKLAHOMA CITY, OK 73142-1881

RICHARD E. SMALLEY III
911 THISTLEWOOD
NORMAN OK 73072

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

	Name	Depth	Name	Depth
1	CLEVELAND	11225	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 226959

Location Exception Orders: 625509

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16300

Ground Elevation: 1952

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 440

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 BED AQUIFER

Pit Location Formation: CLOUD CHIEF

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 14-26876

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 40000 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: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 35 Twp 14N Rge 23W County ROGER MILLS

Spot Location of End Point: C SE SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 990

Depth of Deviation: 10720

Radius of Turn: 580

Direction: 195

Total Length: 4669

Measured Total Depth: 16300

True Vertical Depth: 11300

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

Additional Surface Owner	Address	City, State, Zip
ELIZABETH ANN WHITMIRE	316 CHALMETTE DRIVE, APT C	NORMAN, OK 73071

Notes:

Category

Description

DEEP SURFACE CASING

4/8/2014 - 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 - 625509

6/9/2014 - G75 -
X226959 CLVD
SHL 259 FSL, 1997 FWL 26-14N-23W
COMP. INT. NCT 330 FNL, NCT 330 FSL, NCT 660 FWL 35-14N-23W
LE NORMAN OP., LLC
5-16-2014

MEMO

4/8/2014 - G30 - PIT 1 - SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER; PIT 2 - 20-MIL LINER REQUIRED, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 226959

4/8/2014 - G30 - (640) 35-14N-23W
EXT 155066 CLVD, OTHERS

This permit does not address the right of entry or settlement of surface damages.

129 23936 MCGARRAUGH 1H-35

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