

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

API NUMBER: 045 23394 A

Approval Date: 09/17/2013
Expiration Date: 03/17/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGING WELL NAME FROM CHUCK 14-1H TO
CHUCK 1H-14

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 18N Rge: 25W County: ELLIS
SPOT LOCATION: SW SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 200 1830

Lease Name: CHUCK Well No: 1H-14 Well will be 200 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

CHARLES PARKER
ROUTE 2, BOX 88
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 CLEVELAND	9202	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 600318

Location Exception Orders: 615201

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13733

Ground Elevation: 2182

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 400

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: 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: 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: 13-24400

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 14 Twp 18N Rge 25W County ELLIS

Spot Location of End Point: N2 N2 N2 NE

Feet From: NORTH 1/4 Section Line: 300

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 8622

Radius of Turn: 580

Direction: 360

Total Length: 4200

Measured Total Depth: 13733

True Vertical Depth: 9202

End Point Location from Lease,
Unit, or Property Line: 300

Notes:

Category	Description
DEEP SURFACE CASING	9/17/2013 - 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 - 615201	9/17/2013 - G30 - (I.O.) 14-18N-25W X600318 CLVD, OTHER SHL NCT 200 FSL, NCT 1320 FEL POE NCT 300 FSL, NCT 1320 FEL BHL NCT 300 FNL, NCT 1320 FEL LE NORMAN OPERATING LLC 8/26/13
SPACING - 600318	9/17/2013 - G30 - (640 HOR) 14-18N-25W EST CLVD, OTHERS EXT OTHER POE TO BHL NCT 660' FB (COEXSIT WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SPERCEDE EXISTING NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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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.