

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

API NUMBER: 129 24016

Approval Date: 10/16/2014

Expiration Date: 04/16/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 11N Rge: 25W

County: ROGER MILLS

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 260 760

Lease Name: WHITE 17-11-25

Well No: 10H

Well will be 260 feet from nearest unit or lease boundary.

Operator Name: LINN OPERATING INC

Telephone: 4052412200; 4052412

OTC/OCC Number: 22182 0

LINN OPERATING INC
14000 QUAIL SPRINGS PKWY STE 5000
OKLAHOMA CITY, OK 73134-2619

KENDRED DYKES & DANA C MISSILDINE, JT. TEN.
PO BOX 1144
PALASTINE TX 75802

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

Name	Depth	Name	Depth
1 MISSOURIAN	11700	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 207398

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406918

Special Orders:

Total Depth: 16700

Ground Elevation: 2130

Surface Casing: 720

Depth to base of Treatable Water-Bearing FM: 600

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

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: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

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

PERMIT NO: 14-28273

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: 300000 Average: 200000

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: OGALLALA

HORIZONTAL HOLE 1

Sec 17 Twp 11N Rge 25W County ROGER MILLS

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 230

Feet From: WEST 1/4 Section Line: 2000

Depth of Deviation: 11200

Radius of Turn: 600

Direction: 20

Total Length: 4557

Measured Total Depth: 16700

True Vertical Depth: 11800

End Point Location from Lease,
Unit, or Property Line: 230

Notes:

Category

Description

MEMO

10/16/2014 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM
RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201406918

10/16/2014 - G91 - (I.O.) 17-11N-25W
X 207398 MSRN
COMP. INT. NCT 300 FNL, NCT 300 FSL, NCT 500 FWL
NO OP. NAMED
REC. 10-14-2014 (CANDLER)

SPACING - 207398

10/16/2014 - G91 - (640) 17-11N-25W
EST MSRN, OTHER
EXT OTHERS

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Office of the Conservation Division as to when Surface Casing will be run.

129 24016 WHITE 17-11-25 10H