

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 A

Approval Date: 10/16/2014  
Expiration Date: 04/16/2015

Horizontal Hole Oil & Gas

Amend reason: CHANGED BHL, UPDATE LE

AMEND 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: 632486 Increased Density Orders:

Pending CD Numbers: 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 NW NW

Feet From: NORTH 1/4 Section Line: 230

Feet From: WEST 1/4 Section Line: 700

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

LOCATION EXCEPTION - 632486

1/13/2015 - G72 - (I.O.) 17-11N-25W  
X 207398 MSRN  
COMP. INT. NCT 300 FNL, NCT 300 FSL, NCT 500 FWL  
LINN EXPLORATION MIDCONTINENT LLC,  
10/31/2014

MEMO

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

SPACING - 207398

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