

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

API NUMBER: 045 23378

Approval Date: 07/25/2013  
Expiration Date: 01/25/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 18N Rge: 25W County: ELLIS  
SPOT LOCATION:  NE  NW  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 220 2095

Lease Name: TREIBER 21-18-25 Well No: 3H Well will be 220 feet from nearest unit or lease boundary.  
Operator Name: LINN OPERATING INC Telephone: 4052412200 OTC/OCC Number: 22182 0

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

WILBA LEE DUGGAN  
55 HORSESHOE CIRCLE WEST  
LAS CRUCES NM 88007

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

Name	Depth	Name	Depth
1 DOUGLAS	7600	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 78094

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201303991  
201303990

Special Orders:

Total Depth: 12400

Ground Elevation: 2227

**Surface Casing: 570**

Depth to base of Treatable Water-Bearing FM: 450

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: CLOUD CHIEF

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: 13-23764

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: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 21 Twp 18N Rge 25W County ELLIS
Spot Location of End Point: SE SW SW SE
Feet From: SOUTH 1/4 Section Line: 250
Feet From: EAST 1/4 Section Line: 2095
Depth of Deviation: 6697
Radius of Turn: 575
Direction: 180
Total Length: 4800
Measured Total Depth: 12400
True Vertical Depth: 7800
End Point Location from Lease,
Unit, or Property Line: 250

Table with 3 columns: Additional Surface Owner, Address, City, State, Zip. Rows include RANDALL L. TREIBER, F.H. TREIBER & N.J. TREIBER REVO, and FLOYD L TREIBER AND MILDRED J.

Notes:

Table with 2 columns: Category, Description. Rows include MEMO, PENDING CD - 201303990, PENDING CD - 201303991, and SPACING - 78094.

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.