

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

API NUMBER: 015 23222 A

Approval Date: 04/08/2013  
Expiration Date: 10/08/2013

Directional Hole Oil & Gas

Amend reason: CHANGE SURFACE CASING DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 9N Rge: 11W County: CADDO  
SPOT LOCATION:  NW  NE  NE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2360 2275

Lease Name: HOUCK Well No: 3-17D Well will be 280 feet from nearest unit or lease boundary.  
Operator Name: LINN OPERATING INC Telephone: 2818404000; 2818404 OTC/OCC Number: 22182 0

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

JEFF & LORI CART  
407 S. THIRD ST.  
BINGER OK 73009

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

Name	Depth	Name	Depth
1 MARCHAND	10400	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 364289 Location Exception Orders: Increased Density Orders:  
Pending CD Numbers: 201302141 Special Orders:

Total Depth: 10567 Ground Elevation: 1508 **Surface Casing: 1000** Depth to base of Treatable Water-Bearing FM: 350

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: RUSH SPRINGS

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: 13-22940
- H. CONCRETE-LINED PIT PER OPERATOR REQUEST

**DIRECTIONAL HOLE 1**

Sec 17 Twp 9N Rge 11W County CADDO  
Spot Location of End Point: NE SW NE SW  
Feet From: SOUTH 1/4 Section Line: 1840  
Feet From: WEST 1/4 Section Line: 1840  
Measured Total Depth: 10567  
True Vertical Depth: 10487  
End Point Location from Lease,  
Unit, or Property Line: 800

<b>Additional Surface Owner</b>	<b>Address</b>	<b>City, State, Zip</b>
GUNTER PEANUT COMPANY, INC.	401 S. BROADWAY	BINGER, OK 73009

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.

Notes:

Category	Description
DEEP SURFACE CASING	4/17/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
PENDING CD - 201302141	4/23/2013 - G75 - SW4 17-9N-11W X364289 MRCD 1 WELL NO OP. NAMED HEARING 4-26-2013
POINT OF ENTRY	4/8/2013 - G75 - >660' FNL & >660' FEL SW4 17-9N-11W PER OPERATOR
SPACING - 364289	4/8/2013 - G75 - (160) 17-9N-11W VAC 90017 MRCD EXT 278865 MRCD (HOUCK 1-17, SW4 SW4, UNIT WELL FOR SW4)

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