

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

API NUMBER: 009 21933

Approval Date: 05/21/2014  
Expiration Date: 11/21/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 10N Rge: 25W County: BECKHAM  
SPOT LOCATION:  NW  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 260 1565

Lease Name: CARLSON 32-11-25 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

MATTHEW CARLSON & LEISHA CARLSON  
11353 NORTH 1750 ROAD  
SAYRE OK 73662

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

Name	Depth	Name	Depth
1 MISSOURIAN	11100	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 67733 Location Exception Orders: 625773 Increased Density Orders: 625525  
612937

Pending CD Numbers:

Special Orders:

Total Depth: 16600 Ground Elevation: 2074 Surface Casing: 430 Depth to base of Treatable Water-Bearing FM: 310

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 OTHER HSA

Pit Location Formation: DOXEY

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: 14-26572

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 OTHER HSA
Pit Location Formation: DOXEY

HORIZONTAL HOLE 1

Sec 32 Twp 11N Rge 25W County BECKHAM
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: 10397
Radius of Turn: 575
Direction: 350
Total Length: 5300
Measured Total Depth: 16600
True Vertical Depth: 11300
End Point Location from Lease,
Unit, or Property Line: 230

Notes:

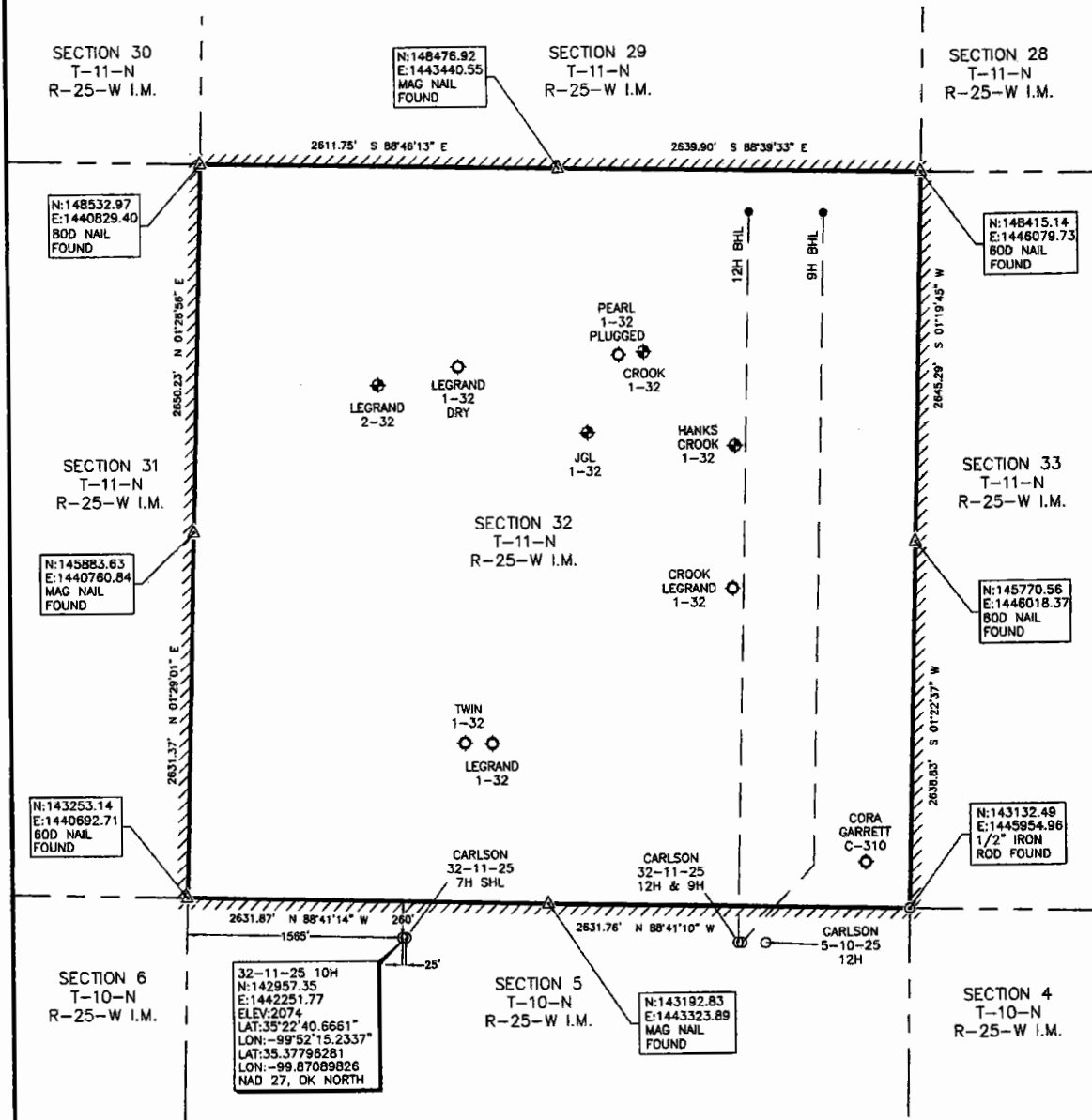
Table with 2 columns: Category, Description. Contains notes about increased density, location exceptions, and spacing for well G75.

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.

PRELIMINARY PLAT OF  
 LINN OPERATING, INC  
**CARLSON 32-11-25 10H**  
**SHL: 260' FNL & 1565' FWL**

API 009-21933

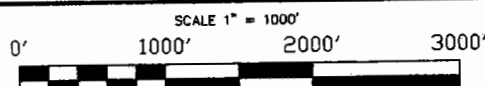
SECTION 5, TOWNSHIP 10 NORTH, RANGE 25 WEST  
 INDIAN MERIDIAN  
 BECKHAM COUNTY, OKLAHOMA



NOTE:  
 1. COMBINED SCALE FACTOR: 0.999940  
 2. SHL IS APPROXIMATELY 3.82 MILES N 74°38'55" W OF PRENTISS, OKLAHOMA.

FILE: S:\OK\BECKHAM\PROJECTS\T10N\_R25W\SEC 32 CARLSON\14-00360 CARLSON 32-11-25 10H 03-03-2014.dwg

STAKE DATE: 02-24-2014



REV: 1 AFE NO.: - JOB NO.: 14-00360 FIELD BOOK: 284/30 VER: 1 DRAWN BY: JTL

LEGEND		LEASE LINE	
SHL	SURFACE HOLE LOCATION	SHL	STACKED LATERAL
FFP	FIRST TRACE POINT	SP	LAST TRACE POINT
PP	PENETRATION POINT	SHL	BOTTOM HOLE LOCATION
○	PROPOSED WELL LOCATION SET	---	PROPOSED LATERAL
●	AS MARKED	---	SUBJECT LATERAL
○	SURFACE LOCATION OBTAINED FROM OGC	---	AS-DRIILLED LATERAL

NOTE:  
 1. BEARINGS, DISTANCES & ACRES ARE GRS, NAD 27 US OK NORTH ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.  
 2. ELEVATIONS ARE BASED ON NAVD 83.  
 3. THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND IS NOT A BOUNDARY SURVEY.  
 4. LOCATION OF ADJACENT WELLS OUTSIDE LEASE BOUNDARY ARE APPROPRIATED FROM OKLAHOMA CORPORATION COMMISSION DATA.  
 5. UNRECORDED INFORMATION PROVIDED BY THE CLIENT.  
 6. THIS SURVEY COMPLIES WITH THE US PUBLIC LAND SURVEY SYSTEM AND MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, EFFECTIVE MAY 17, 2010.  
 7. THE UNDERSIGNED DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PLAT WAS DERIVED FROM ACTUAL FIELD NOTES OF ON-THE-GROUND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



CA#5856 EXPIRATION 6-30-2014  
 7608 NW 39TH ST. 100 S MONROE AVE. #2  
 BETHANY, OK 73008 ELK CITY, OK 73644  
 (405) 388-4009 (325) 218-2976  
 www.crosstexaslandservices.com

**PRELIMINARY**  
 THIS DOCUMENT IS PRELIMINARY  
 IN NATURE, AND IS NOT A FINAL  
 SURVEY AND RELATED DOCUMENT  
 PROFESSIONAL LAND SURVEYOR  
 03-03-2014 SHEET 1 OF 1