

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

API NUMBER: 009 21960

Approval Date: 10/16/2014

Expiration Date: 04/16/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 11N Rge: 25W County: BECKHAM

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 195 700

Lease Name: JOHNSON 20-11-25 Well No: 7H Well will be 195 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

LORITA F. JOHNSON, TRUSTEE
BOX 224
CARTER OK 73627

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

Name	Depth	Name	Depth
1 MISSOURIAN	11300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 249513

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407132
201407131

Special Orders:

Total Depth: 16500

Ground Elevation: 2115

Surface Casing: 540

Depth to base of Treatable Water-Bearing FM: 420

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: 14-28441

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 20 Twp 11N Rge 25W County BECKHAM

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 230

Feet From: WEST 1/4 Section Line: 600

Depth of Deviation: 10347

Radius of Turn: 575

Direction: 355

Total Length: 5250

Measured Total Depth: 16500

True Vertical Depth: 11400

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

Notes:

Category

Description

MEMO

10/15/2014 - G76 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201407131

10/16/2014 - G75 - 20-11N-25W
X249513 MSRN
1 WELL
NO OP. NAMED
HEARING 10-21-2014

PENDING CD - 201407132

10/16/2014 - G75 - (E.O.) 20-11N-25W
X249513 MSRN
COMPL. INT. NCT 300 FSL, NCT 300 FNL, NCT 600 FWL
NO OP. NAMED
REC 10-14-2014 (DECKER)

SPACING - 249513

10/16/2014 - G75 - (640) 20-11N-25W
EXT 207398 MSRN, OTHERS
EXT OTHER

This permit does not address the right of entry or settlement of surface damages.

009 21960 JOHNSON 20-11-25 7H

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