API NUMBER: 051 24136

Oil & Gas

Horizontal Hole

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

Approval Date: 04/26/2017 10/26/2017 **Expiration Date** 

PERMIT TO DRILL

WELL LOCATION: Sec: 9N Rge: 5W County: GRADY Twp:

FEET FROM QUARTER: SPOT LOCATION: FROM NORTH FROM WEST NW NW INW INW SECTION LINES: 265 71

Lease Name: SKAGGS FARM 9-9-5 Well No: 1H Well will be feet from nearest unit or lease boundary.

LINN OPERATING INC Operator Telephone: 4052412237; 4052412 OTC/OCC Number: 22182 0 Name:

LINN OPERATING INC

14701 HERTZ QUAIL SPRINGS PKWY

OKLAHOMA CITY. OK 73134-2641 SKAGGS 3-D FARMS INC.

301 W. TYLER DR.

TUTTLE OK 73089

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

Name Depth Name Depth MISSISSIPPIAN 1 9846 6 2 WOODFORD 9976 7 3 8 4 9 5 10 Spacing Orders: Location Exception Orders: Increased Density Orders: No Spacing

Pending CD Numbers: 201601299 Special Orders:

201701981

201701982

Total Depth: 15206 Ground Elevation: 1356 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 170

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: 5000 Average: 3000

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?

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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: 17-32327

H. SEE MEMO

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 3
Liner required for Category: 3
Pit Location is NON HSA

Pit Location Formation: CHICKASHA

## **HORIZONTAL HOLE 1**

Rge 5W Sec 09 Twp 9N County **GRADY** NW Spot Location of End Point: ΝE NW NW Feet From: NORTH 1/4 Section Line: 65 Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9499 Radius of Turn: 477

Direction: 5

Total Length: 4958

Measured Total Depth: 15206
True Vertical Depth: 9976
End Point Location from Lease,
Unit, or Property Line: 65

Notes:

Category Description

COMPLETION INTERVAL 4/12/2017 - G75 - COMPLETION INTERVAL FOR WOODFORD WILL BE GREATER THAN 165' FNL

AND FSL, GREATER THAN 330' FEL AND FWL PER OPERATOR

DEEP SURFACE CASING 4/12/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS

OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR

SURFACE CASING

HYDRAULIC FRACTURING 4/12/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC

FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS

DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME

COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO 4/12/2017 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO

VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201601299 4/12/2017 - G75 - (640)(HOR) 9-9N-5W

EST MSSP, WDFD

POE TO BHL (MSSP) NLT 660' FB

POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

(COEXIST SP. ORDER # 151101 MSSLM)

REC 10-3-2016 (THOMAS)

PENDING CD - 201701981 4/12/2017 - G75 - (I.O.) 9-9N-5W

X201601299 MSSP

COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL

NO OP. NAMED

REC 4-25-2017 (NORRIS)

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.

051 24136 SKAGGS FARM 9-9-5 1H

Category

Description

PENDING CD - 201701982

4/12/2017 - G75 - (I.O.) 9-9N-5W X165:10-3-28(C)(2)(B) MSSP (SKAGGS FARM 9-9-5 1H) CLOSER THAN 600' TO SKAGGS RANCH 3-9 LINN OP., INC. REC 4-25-2017 (NORRIS)

