

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

API NUMBER: 017 25208

Approval Date: 04/10/2018

Expiration Date: 10/10/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 10N Rge: 6W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 560 575

Lease Name: DORIS 12-13-10-6

Well No: 2XH

Well will be 560 feet from nearest unit or lease boundary.

Operator Name: LINN OPERATING LLC

Telephone: 2818404010; 4052412

OTC/OCC Number: 22182 0

LINN OPERATING LLC  
600 TRAVIS ST STE 1400  
HOUSTON, TX 77002-3005

PHILLIP F REIMERS AND DEBRA R REMIERS  
9911 WIND DANCER  
SAN ANTONIO TX 78251

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9150	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 658363  
653152

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802316  
201802311  
201802317  
201802315

Special Orders:

Total Depth: 19647

Ground Elevation: 1273

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 180

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? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

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: 18-34141

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: DUNCAN

HORIZONTAL HOLE 1

Sec 13 Twp 10N Rge 6W County CANADIAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 540

Depth of Deviation: 8184

Radius of Turn: 575

Direction: 179

Total Length: 10560

Measured Total Depth: 19647

True Vertical Depth: 9150

End Point Location from Lease,  
Unit, or Property Line: 65

Additional Surface Owner	Address	City, State, Zip
STANLEY E REIMERS AND JANICE L	5627 NW 37TH STREET	OKLAHOMA CITY, OK 73122
MARVIN D REIMERS REVOCABLE T	5313 NW 161ST TERRACE	EDMOND, OK 73013

Notes:

Category

Description

DEEP SURFACE CASING

3/28/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

3/28/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

MEMO

3/28/2018 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

017 25208 DORIS 12-13-10-6 2XH

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.

Category	Description
PENDING CD - 201802311	4/6/2018 - G56 - 12-10N-6W X658363 MSSP 1 WELL NO OP NAMED HEARING 4/10/18
PENDING CD - 201802315	4/6/2018 - G56 - (E.O.) 12 & 13-10N-6W EST MULTIUNIT HOR WELL X658363 MSSP, OTHER 12-10N-6W X653152 MSSP, OTHER 13-10N-6W 50% 12-10N-6W 50% 13-10N-6W NO OP NAMED REC 3/27/18 (JACKSON)
PENDING CD - 201802316	4/6/2018 - G56 - (E.O.) 12 & 13-10N-6W X658363 MSSP, OTHER 12-10N-6W X653152 MSSP, OTHER 13-10N-6W X165:10-3-28 (C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO THE DORIS 12-13-10N-6W 1XH COMPL INT 12-10N-6W NCT 165' FNL, NCT 0' FSL NCT 330' FEL COMPL INT 13-10N-6W NCT 0' FNL, NCT 165' FSL NCT 330' FEL NO OP NAMED REC 3/27/18 (JACKSON)
PENDING CD - 201802317	4/6/2018 - G56 - 13-10N-6W X653152 MSSP 1 WELL NO OP NAMED HEARING 4/10/18
SPACING - 653152	4/6/2018 - G56 - (640) (HOR) 13-10N-6W EXT 643197 MSSP, OTHER POE TO BHL NLT 660' FB (COEXIST WITH 242971 FOR MISS)
SPACING - 658363	4/6/2018 - G56 - (640) (HOR) 12-10N-6W EST MSSP, OTHER POE TO BHL NLT 660' FB

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.

PROFESSIONAL LAND SURVEYOR	SHEET
----------------------------	-------