

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

API NUMBER: 073 25437

Approval Date: 11/28/2016  
Expiration Date: 05/28/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 19N Rge: 5W County: KINGFISHER  
SPOT LOCATION:  SE  SE  SW  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 229 1400

Lease Name: PRISCILLA Well No: 19-M3H Well will be 229 feet from nearest unit or lease boundary.  
Operator Name: LONGFELLOW ENERGY LP Telephone: 9725909889 OTC/OCC Number: 22113 0

LONGFELLOW ENERGY LP  
PO BOX 1989  
ADDISON, TX 75001-1989

WILLIAM & PRISCILLA BARNES  
24012 E. 630 RD.  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	6	6456
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 632003

Location Exception Orders: 658204

Increased Density Orders:

Pending CD Numbers: 201605521

Special Orders:

Total Depth: 12564

Ground Elevation: 1075

**Surface Casing: 450**

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 16-31819

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 19 Twp 19N Rge 5W County KINGFISHER

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1400

Depth of Deviation: 6380

Radius of Turn: 850

Direction: 360

Total Length: 4849

Measured Total Depth: 12564

True Vertical Depth: 6921

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category	Description
HYDRAULIC FRACTURING	11/14/2016 - 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 <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> 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.
LOCATION EXCEPTION - 658204	11/28/2016 - G75 - (I.O.) 19-19N-5W X632003 MSSP SHL NCT 228' FSL, NCT 1350' FEL POE NCT 165' FSL, NCT 1320' FEL BHL NCT 165' FNL, NCT 1320' FEL LONGFELLOW ENERGY, LP 11-22-2016
PENDING CD - 201605521	11/23/2016 - G75 - AMD 632003 TO COEXIST SP. ORDER # 49517/62761 MSSLM NE4 INSTEAD OF VACATE HEARING 12-20-2016 (OK'D PER MCCOY)
SPACING - 632003	11/14/2016 - G75 - (640)(HOR) 19-19N-5W VAC OTHER VAC 49517/62761 MSSLM NE4 EXT 619021 MSSP, OTHERS POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 49517/62761 MSSLM W2, SE4)

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.



# Well Location Plat

Sec. 19-19N-5W I.M.

Operator : LONGFELLOW ENERGY, LP  
 Lease Name and No. : PRISCILLA 19-M3H  
 Footage : 229' FSL - 1400' FEL PAD ELEVATION : 1075' Good Site? YES  
 Section : 19 Township : 19N Range : 5W I.M.  
 County : Kingfisher State of Oklahoma  
 Alternate Loc. : N/A  
 Terrain at Loc. : Location fell on existing level pad site.

## API 073-25437

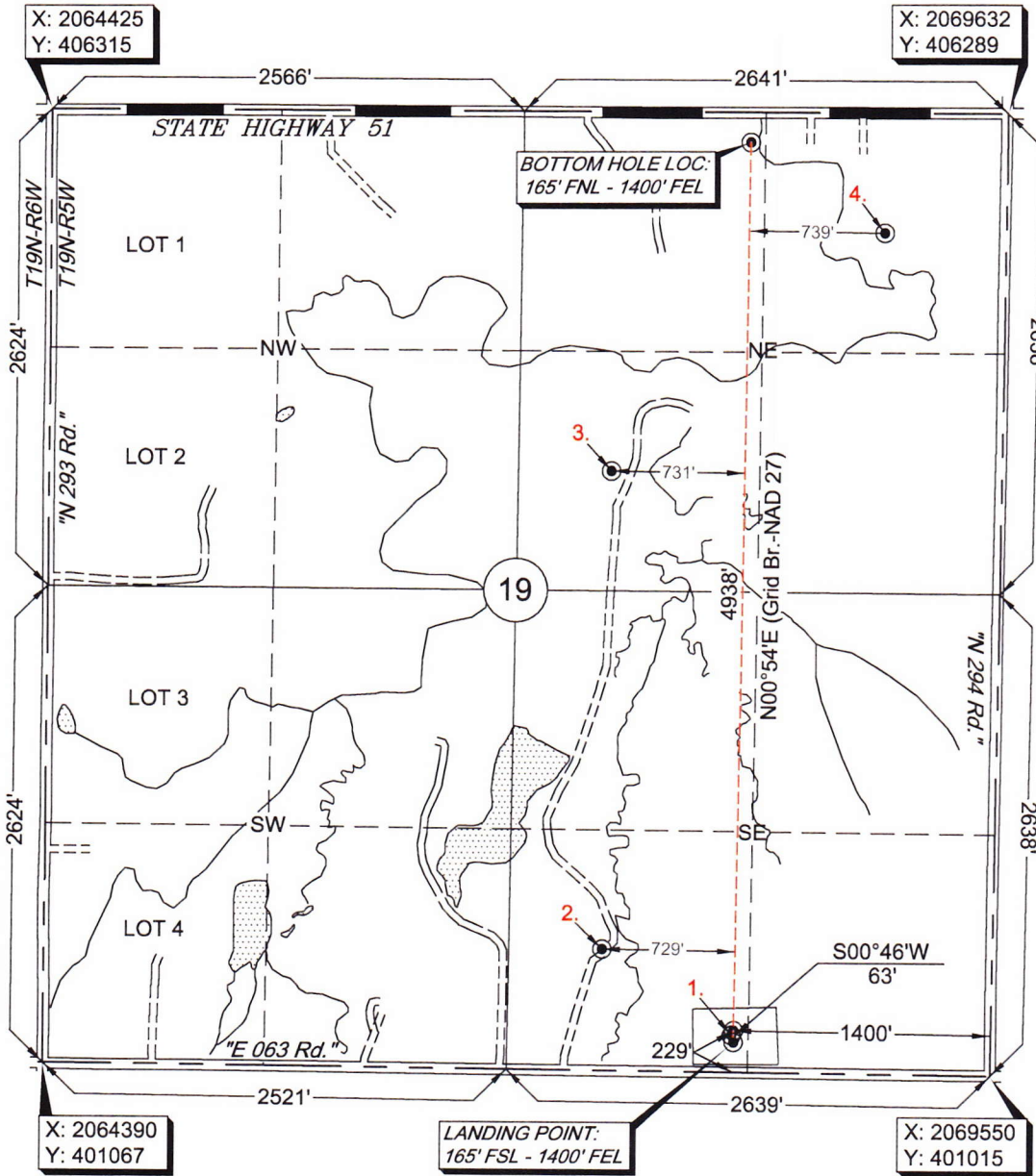


1" = 1000'

GPS DATUM  
 NAD - 27  
 OK NORTH ZONE

Accessibility : From the North.

Directions : From the junction of U.S. Highway 61 & Highway 51 in Hennessey, OK, go 7.5 miles East on Hwy. 51, then go 1.0 mile South on "NS 294 Rd." to the Southeast Corner of Section 19-19N-5W.



Surface Hole Loc.:  
 Lat: 36°06'07.59"N  
 Lon: 97°46'09.48"W  
 X: 2068153  
 Y: 401257

Landing Point:  
 Lat: 36°06'06.97"N  
 Lon: 97°46'09.49"W  
 X: 2068153  
 Y: 401194

Bottom Hole Loc.:  
 Lat: 36°06'55.79"N  
 Lon: 97°46'08.41"W  
 X: 2068229  
 Y: 406131

NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true boundary survey.

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

1. LONGFELLOW PRISCILLA 30-M3H  
 203' FSL-1412' FEL (SE/4)  
 LAT: 36°06'07.34"N  
 LON: 97°46'09.63"W  
 X: 2068141  
 Y: 401232  
 OCC STATUS: AC  
 TVD: 7150'

2. NELSON EXPL. RICHARDS A-2  
 662' FSL-510' FWL (SE/4)  
 LAT: 36°06'11.97"N  
 LON: 97°46'18.27"W  
 X: 2067431  
 Y: 401698  
 OCC STATUS: AC  
 TVD: 7190'

3. NELSON EXPL. RICHARDS A-3  
 660' FSL-510' FWL (NE/4)  
 LAT: 36°06'37.97"N  
 LON: 97°46'17.71"W  
 X: 2067471  
 Y: 404328  
 OCC STATUS: AC  
 TVD: 7169'

4. OTC/OCC RICHARDS 1-A  
 1980' FSL-1980' FWL (NE/4)  
 LAT: 36°06'50.88"N  
 LON: 97°45'59.52"W  
 X: 2068961  
 Y: 405637  
 OCC STATUS: AC  
 TVD: 6518'

ANTI-COLLISION INFORMATION SHOWN  
 HEREON WAS PROVIDED BY THE OCC  
 WEBSITE AND IS FOR INFORMATION  
 PURPOSES ONLY. WELLS WERE NOT SHOT  
 ON THE GROUND.

survey and plat by,  
**Arkoma Surveying and Mapping, PLLC**  
 P.O. Box 238 Wilburton, OK 74578  
 Ph. 918-465-5711 Fax 918-465-5030  
 Certificate of Authorization No. 5348  
 Expires June 30, 2018  
 Invoice #6742  
 Date Staked : 11/02/16 By : D.A.  
 Date Drawn : 11/09/16 By : C.S.  
 Add Landing Point : 11/15/16 By : R.M.

### Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

LANCE G. MATHIS

11/15/16

OK LPLS 1664

