

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

API NUMBER: 073 25885

Approval Date: 01/08/2018

Expiration Date: 07/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 19N Rge: 5W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 215 600

Lease Name: DONALD

Well No: 32-M4BH

Well will be 215 feet from nearest unit or lease boundary.

Operator Name: LONGFELLOW ENERGY LP

Telephone: 9725909942

OTC/OCC Number: 22113 0

LONGFELLOW ENERGY LP

PO BOX 1989

ADDISON, TX 75001-1989

KACI R. & LINDSAY N. CROKA REVOCABLE TRUST

13823 W. REED RD.

DRUMMOND OK 73735

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6244	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 654350

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201702244

Special Orders:

Total Depth: 11928

Ground Elevation: 1066

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 140

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

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

PERMIT NO: 17-33652

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 32 Twp 19N Rge 5W County KINGFISHER

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 6098

Radius of Turn: 573

Direction: 175

Total Length: 4930

Measured Total Depth: 11928

True Vertical Depth: 6684

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/4/2018 - 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: OCCWEB.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

PENDING CD - 201702244

1/5/2018 - G75 - (I.O.) 32-19N-5W
X654350 MSSP
SHL NCT 160' FNL, NCT 1315' FEL ++
POE NCT 165' FNL, NCT 330' FEL
BHL NCT 165' FSL, NCT 330' FEL
NO OP. NAMED
REC 11-21-2017 (NORRIS)

++ ITD HAS SHL AS 215' FSL, 600' FEL 29-19N-5W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR

SPACING - 654350

1/5/2018 - G75 - (640)(HOR) 32-19N-5W
VAC 43828/62761 MSSLM NE4, SE4, SW4 **
EXT 648238 MSSP, OTHER
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 44960/62761 MSSLM NW4)

** S/B VAC 44960/62761 MSSLM NE4, SE4, SW4; NUNC PRO TUNC HAS BEEN PREPARED BY ATTORNEY FOR OPERATOR AND A COPY REVIEWED BY OCC



Well Location Plat

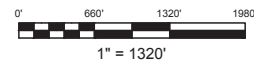
S.H.L. Sec. 29-19N-5W I.M.
B.H.L. Sec. 32-19N-5W I.M.

Operator: LONGFELLOW ENERGY, LP
Lease Name and No.: DONALD 32-M4BH
Footage: 215' FSL - 600' FEL Gr. Elevation: 1066'
Section: 29 Township: 19N Range: 5W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in open field with hills, North of an existing fence and county road.

API 073-25885



All bearings shown
are grid bearings.



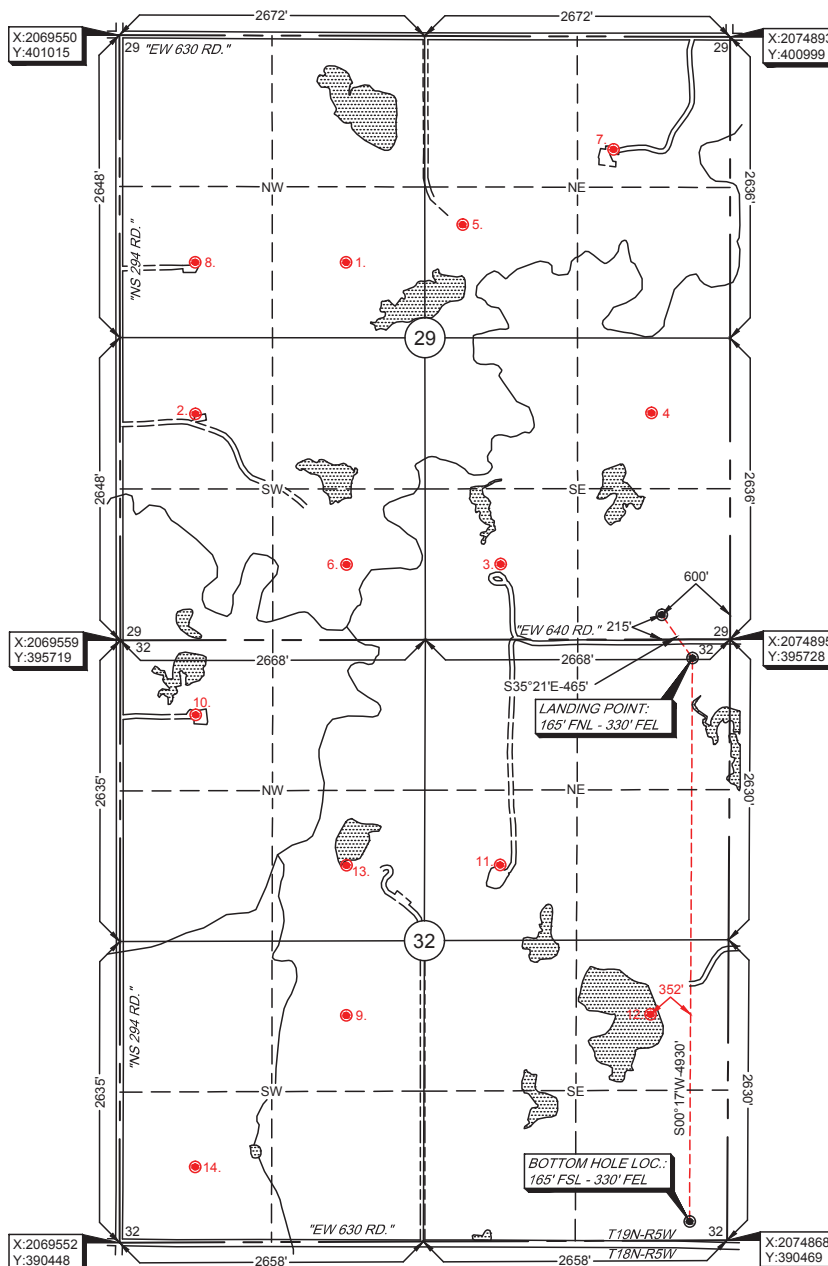
GPS DATUM
NAD 27
OK NORTH ZONE

Surface Hole Loc.:
Lat: 36°05'14.88"N
Lon: 97°44'54.81"W
X: 2074295
Y: 395942

Landing Point:
Lat: 36°05'11.12"N
Lon: 97°44'51.55"W
X: 2074564
Y: 395563

Bottom Hole Loc.:
Lat: 36°04'22.36"N
Lon: 97°44'52.01"W
X: 2074539
Y: 390633

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, PLLC for more information. This plat is for informational purposes only and does not constitute a contract. NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed as a proportion of distances from adjoining section corners, or calculated from the corner coordinates. All distances are assumed to be as shown and do not represent a true boundary survey.



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 #7498-B
Date Staked: 11/15/17 By: J.W.
Date Drawn: 11/17/17 By: C.K.
Rev. Lease Name: 12/11/17 By: R.S.

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

12/11/17

OK LPLS 1664

