

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

API NUMBER: 073 25884

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: 255 600

Lease Name: DONALD

Well No: 29-M4BH

Well will be 255 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	6234	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 660158

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201702242

Special Orders:

Total Depth: 11950

Ground Elevation: 1060

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: 17-33651

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 29 Twp 19N Rge 5W County KINGFISHER

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 6108

Radius of Turn: 573

Direction: 5

Total Length: 4942

Measured Total Depth: 11950

True Vertical Depth: 6694

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: 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

PENDING CD - 201702242

1/5/2018 - G75 - (I.O.)

X660158 MSSP

SHL (32-19N-5W) NCT 190' FNL, NCT 1300' FEL **

POE (29-19N-5W) NCT 165' FSL, NCT 330' FEL

BHL (29-19N-5W) NCT 165' FNL, NCT 330' FEL

NO OP. NAMED

REC 11-21-2017 (NORRIS)

** ITD HAS SHL AS 255' FSL, 600' FEL 29-19N-5W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR

SPACING - 660158

1/5/2018 - G75 - (640)(HOR) 29-19N-5W

VAC 44960/62761 MSSLM S2

VAC 188761 MSSLM NW4

EXT 654350 MSSP, OTHER

POE TO BHL NCT 660' FB

(COEXIST MSSLM NE4 LEASE BASIS)

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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.

073 25884 DONALD 29-M4BH



Well Location Plat

Sec. 29-19N-5W I.M.

API 073-25884

Operator: LONGFELLOW ENERGY, LP

Lease Name and No.: DONALD 29-M4BH

Footage: 255' FSL - 600' FEL Gr. Elevation: 1060'

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.



All bearings shown are grid bearings.

0' 500' 1000' 1500'

1" = 1000'

GPS DATUM

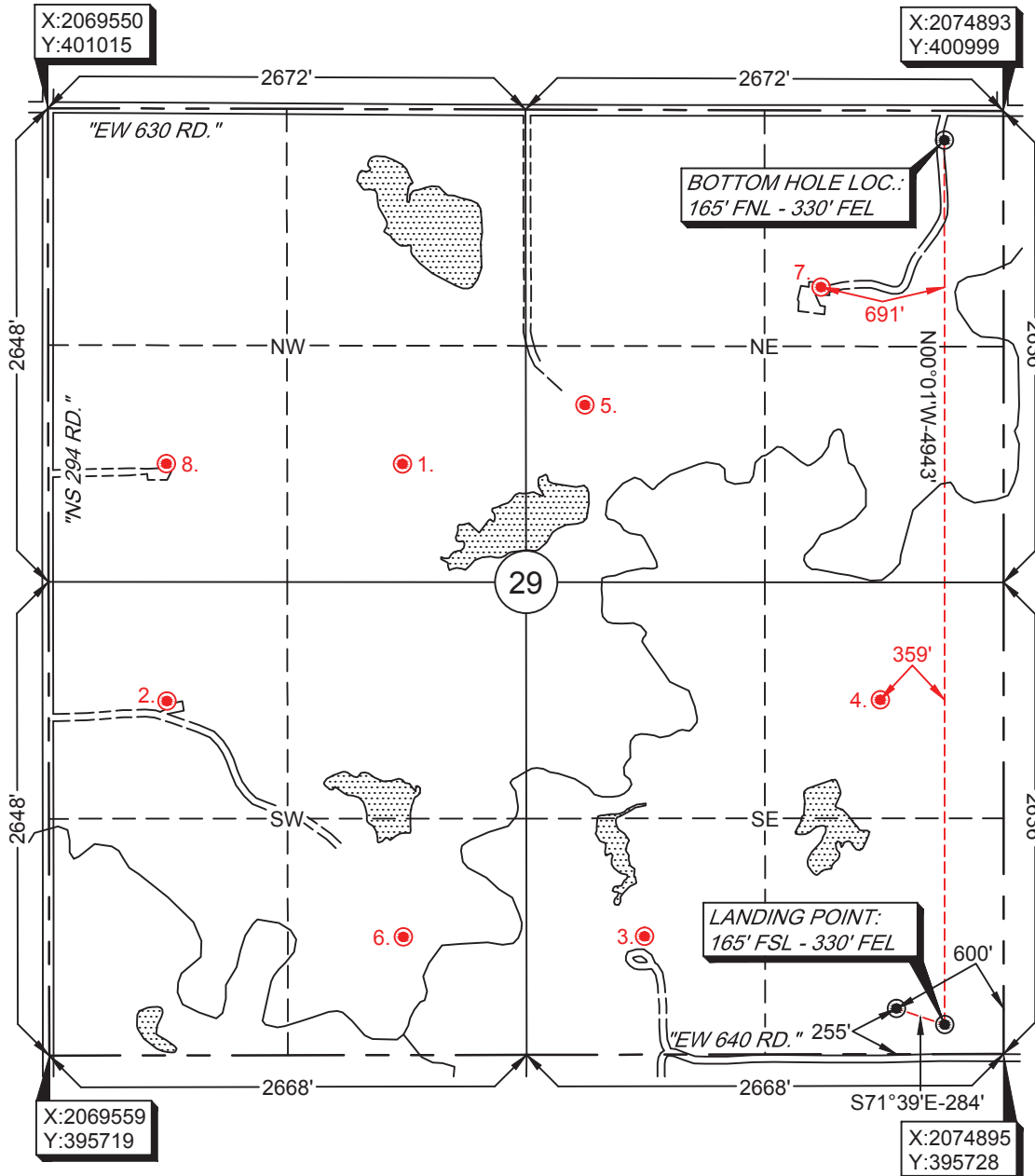
NAD 27

OK NORTH ZONE

Surface Hole Loc.:
Lat: 36°05'15.27"N
Lon: 97°44'54.81"W
X: 2074295
Y: 395982

Landing Point:
Lat: 36°05'14.38"N
Lon: 97°44'51.53"W
X: 2074565
Y: 395893

Bottom Hole Loc.:
Lat: 36°06'03.26"N
Lon: 97°44'51.39"W
X: 2074563
Y: 400835



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-A

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
LANCE G. MATHIS

12/11/17

OK LPLS 1664

