

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

API NUMBER: 073 25512

Approval Date: 02/09/2017

Expiration Date: 08/09/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 233 1300

Lease Name: PHYLLIS

Well No: 35-O4H

Well will be 233 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

PHYLLIS MIRKES
6807 N. 2890 RD
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 OSWEGO	6237	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603588
201604843

Special Orders:

Total Depth: 11372

Ground Elevation: 1154

Surface Casing: 410

Depth to base of Treatable Water-Bearing FM: 160

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: SALT PLAINS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31871
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 35 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: C SE SW SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1650

Depth of Deviation: 5500

Radius of Turn: 780

Direction: 182

Total Length: 4616

Measured Total Depth: 11372

True Vertical Depth: 6300

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

1/31/2017 - 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/](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

PENDING CD - 201603588

2/9/2017 - G60 - (640)(HOR) 35-19N-6W
VAC 46739 OSWG W2 NE4 & W2 SE4
EXT 645701 OSWG, OTHERS
(COEXIST WITH SP. ORDER 46739 W2, E2 NE4, AND E2 SE4)

PENDING CD - 201604843

2/9/2017 - G60 - (I.O.) 35-19N-6W
X201603588 OSWG
SHL NCT 240' FNL, NCT 1400' FEL
POE TO BHL NCT 330' FNL, NCT 330' FSL, NCT 1650' FEL
NO OP. NAMED
REC. 1/10/17 (NORRIS)

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

073 25512 PHYLLIS 35-O4H

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. 35-19N-6W I.M.

Operator : LONGFELLOW ENERGY, LP
Lease Name and No. : PHYLLIS 35-04H
Footage : 233' FNL - 1300' FEL GR. ELEVATION : 1154' Good Site? YES
Section : 35 Township : 19N Range : 6W I.M.
County : Kingfisher State of Oklahoma
Alternate Loc. : N/A

3507325512

Terrain at Loc. : Stake fell in a wheat field.
Accessibility : From the North.

Directions : From the junction of U.S. Highway 61 & Highway 51 in Hennessey, OK, go 5.5 miles East on Hwy. 51, then go 2.0 miles South on "NS 292 Rd." to the Northeast Corner of Section 35-19N-6W.



1" = 1000'

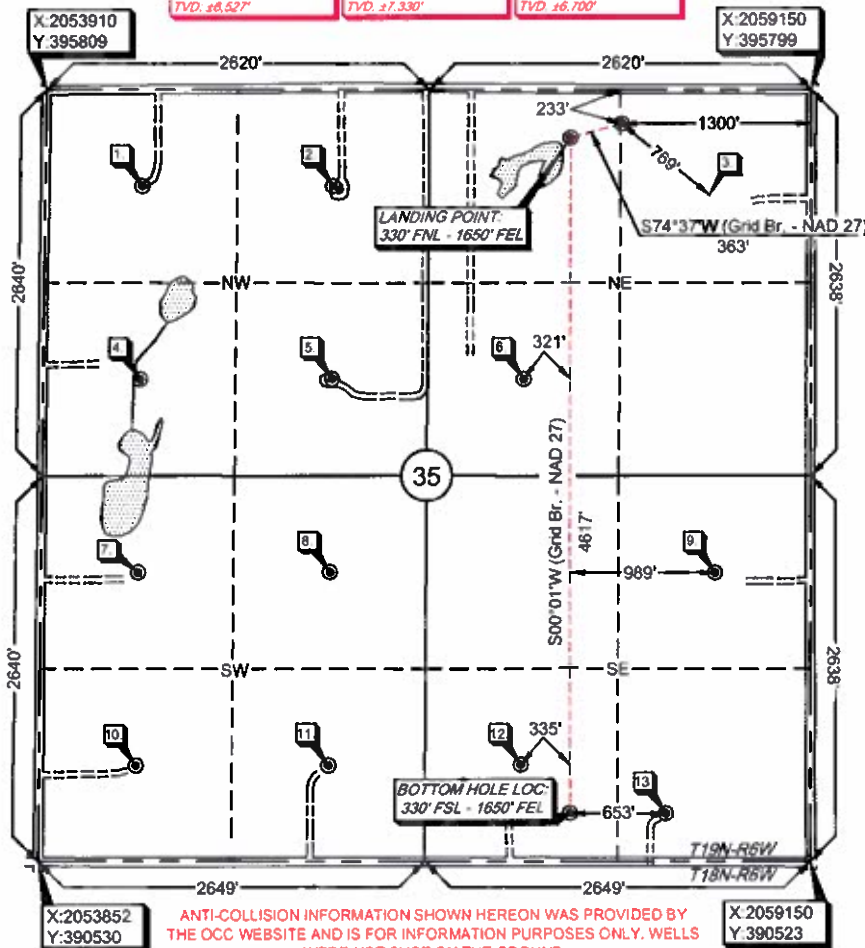
GPS DATUM
NAD - 27

1. FUKSA INVESTMENTS INC ATHEY TRUST 2-35 1880' FSL-660' FWL (NW/4) LAT: 36°05'07.48"N LON: 97°48'53.24"W X: 2054583 Y: 395148 OCC STATUS: AC TVD: ±6.800'	2. FUKSA INVESTMENTS INC G.K. SUTTON 2-35 C4-NE/4-NW/4 LAT: 36°05'07.41"N LON: 97°48'39.31"W X: 2055870 Y: 395145 OCC STATUS: AC TVD: ±6.875'	3. WLW OIL & GAS, LLC MIRKES 1 1820' FSL-1920' FWL (NE/4) LAT: 36°05'06.73"N LON: 97°48'07.83"W X: 2058448 Y: 395082 OCC STATUS: AC TVD: ±6.941'	4. FUKSA INVESTMENTS INC ATHEY TRUST 1-35 660' FSL-660' FWL (NW/4) LAT: 36°04'54.41"N LON: 97°48'53.45"W X: 2054548 Y: 393828 OCC STATUS: AC TVD: ±6.920'	5. FUKSA INVESTMENTS INC SUTTON 3-35 660' FSL-1880' FWL (NW/4) LAT: 36°04'54.36"N LON: 97°48'39.37"W X: 2055868 Y: 393826 OCC STATUS: AC TVD: ±6.800'
6. MIRKPATRICK OIL CO. MIRKES 1 660' FSL-660' FWL (NE/4) LAT: 36°04'54.32"N LON: 97°48'23.40"W X: 2057179 Y: 393824 OCC STATUS: PA TVD: ±6.776'	7. FUKSA INVESTMENTS INC JOHN FELDER 3-35 1880' FSL-660' FWL (SW/4) LAT: 36°04'41.35"N LON: 97°48'55.66"W X: 2054534 Y: 392509 OCC STATUS: AC TVD: ±7.200'	8. FUKSA INVESTMENTS INC JOHN FELDER 1 C4-NE/4-SW/4 LAT: 36°04'41.31"N LON: 97°48'39.59"W X: 2055852 Y: 392507 OCC STATUS: AC TVD: ±6.950'	9. TENNECO OIL COMPANY EMMA M LUDWIG 1-35 C4-NE/4-SE/4 LAT: 36°04'41.22"N LON: 97°48'07.47"W X: 2058489 Y: 392503 OCC STATUS: PA TVD: ±6.838'	10. FUKSA INVESTMENTS INC JOHN FELDER 2 C4-SW/4-SW/4 LAT: 36°04'28.31"N LON: 97°48'55.85"W X: 2054521 Y: 391189 OCC STATUS: AC TVD: ±6.880'
11. FUKSA INVESTMENTS INC JOHN FELDER 4-35 660' FSL-1880' FWL (SW/4) LAT: 36°04'28.27"N LON: 97°48'39.78"W X: 2055839 Y: 391187 OCC STATUS: AC TVD: ±6.527'	12. RANDY INC RODER 1 680' FSL-660' FWL (SE/4) LAT: 36°04'28.22"N LON: 97°48'23.64"W X: 2057164 Y: 391186 OCC STATUS: PA TVD: ±7.330'	13. FUKSA INVESTMENTS INC LUDWIG 2-35 330' FSL-1850' FWL (SE/4) LAT: 36°04'24.93"N LON: 97°48'11.61"W X: 2058153 Y: 390854 OCC STATUS: AC TVD: ±6.700'		

Surface Hole Loc.:
Lat: 36°05'11.56"N
Lon: 97°48'15.17"W
X: 2057850
Y: 395569

Landing Point:
Lat: 36°05'10.61"N
Lon: 97°48'19.44"W
X: 2057500
Y: 395472

Bottom Hole Loc.:
Lat: 36°04'24.95"N
Lon: 97°48'19.56"W
X: 2057500
Y: 390855



Please note that the 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 Arizona Surveying and Mapping, Inc. for more information. GPS data is obtained from RTK - GPS.

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. 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.

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 #6724
Date Staked : 10/28/16 By: D.A.
Date Drawn : 10/31/16 By: C.S.
Added Landing Point : 11/19/16 By: R.S.
Added Avoidance Wells : 11/22/16 By: R.S.
Revised BHL : 1/27/17 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

01/27/17
OK LPLS 1664

