

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

API NUMBER: 049 25221

Approval Date: 09/26/2018

Expiration Date: 03/26/2020

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 2N Rge: 1W

County: GARVIN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 2310

Lease Name: GOLDEN ROSE

Well No: 29-1

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: LONGFELLOW ENERGY LP

Telephone: 9725909900

OTC/OCC Number: 22113 0

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

GEARL & LIND PYLE  
RD. 1640  
30881 E. COUNTY  
ELMORE CITY OK 73433

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

	Name	Depth	Name	Depth
1	HUNTON	5160	6	
2	VIOLA	6665	7	
3			8	
4			9	
5			10	

Spacing Orders: 154316  
340786

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6915

Ground Elevation: 914

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 180

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: WELLINGTON

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

PERMIT NO: 18-35353

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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.

Category	Description
DEEP SURFACE CASING	9/21/2018 - 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	<p>9/19/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 154316	<p>9/26/2018 - G57 - (40) 29-2N-1W</p> <p>VAC OTHER</p> <p>EXT OTHERS</p> <p>EXT 103631 VIOL</p> <p>EXT 153344 HNTN</p> <p>EST OTHER</p>
SPACING - 340786	9/26/2018 - G57 - NPT 154316 TO CORRECT THE DESCRIPTION OF THE AREA EXTENDED BY SPACING ORDER 153344 WHICH ESTABLISHED THE HNTN



# Well Location Plat

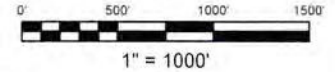
Sec. 29-2N-1W I.M.

Operator: LONGFELLOW ENERGY, LP  
 Lease Name and No.: GOLDEN ROSE 29-1  
 Footage: 330' FSL - 2310' FWL Gr. Elevation: 914'  
 Section: 29 Township: 2N Range: 1W I.M.  
 County: Garvin State of Oklahoma  
 Terrain at Loc.: Location fell in heavy timber.

API:049 25221



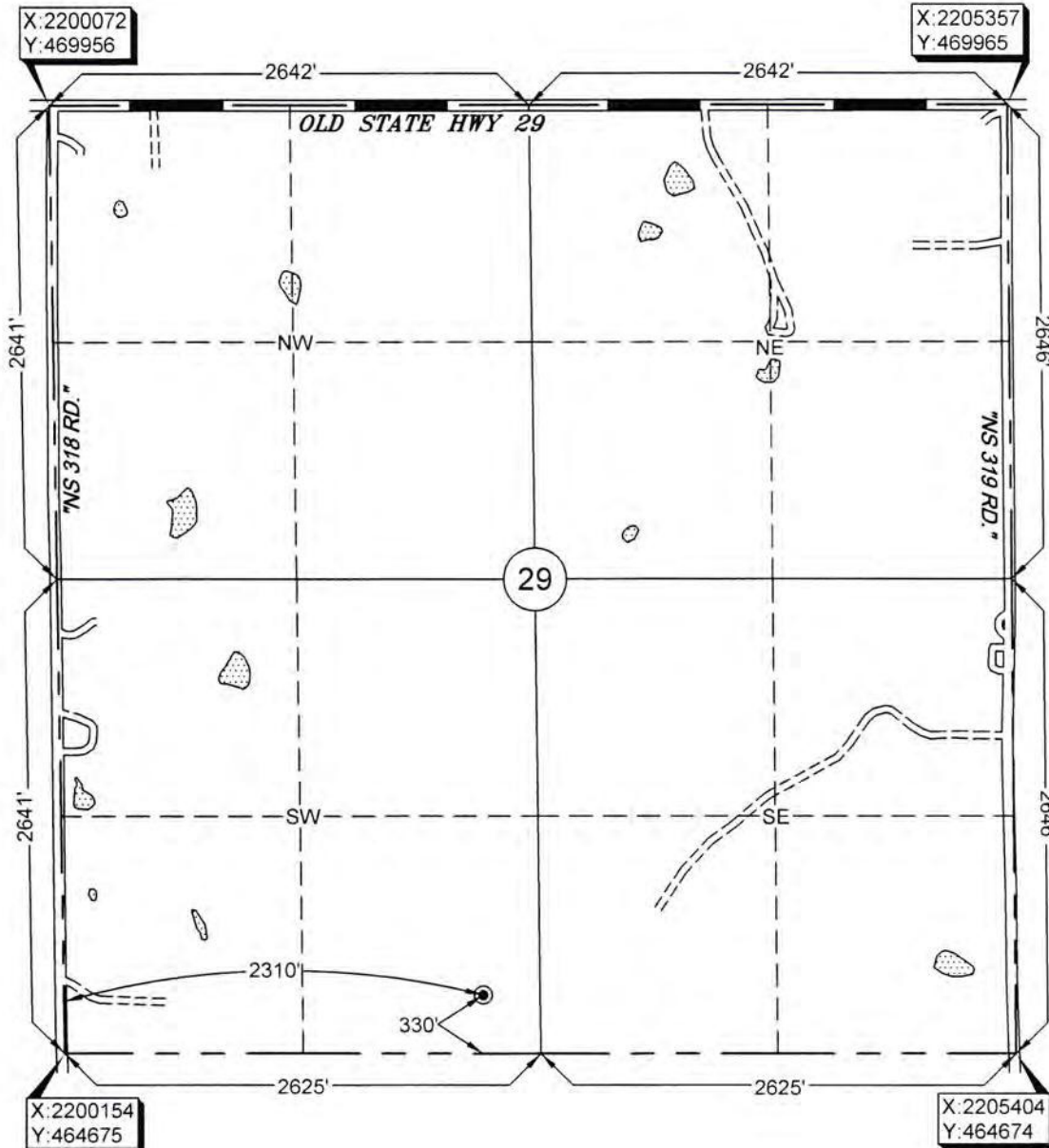
All bearings shown  
are grid bearings.



GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
 Lat: 34°36'33.40"N  
 Lon: 97°19'37.79"W  
 Lat: 34.60927839  
 Lon: -97.32716269  
 X: 2202459  
 Y: 465004

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. 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, 2020

## 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.

Invoice #8115

Date Staked: 08/29/18 By: R.L.  
 Date Drawn: 08/31/18 By: J.H.

*Lance G. Mathis*  
 LANCE G. MATHIS

09/04/18

OK LPLS 1664

