

API NUMBER: 037 29421 A

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

Approval Date: 01/14/2019

Expiration Date: 07/14/2020

Straight Hole Oil & Gas

Amend reason: ADD RED FORK FORMATION

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 32 Township: 19N Range: 7E County: CREEK

SPOT LOCATION: S2 NW SW NE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 678 330

Lease Name: TERRAIN Well No: 1-32 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: LITTLE RIVER ENERGY COMPANY Telephone: 9183524444 OTC/OCC Number: 10148 0

LITTLE RIVER ENERGY COMPANY  
PO BOX 1113  
DRUMRIGHT, OK 74030-1113

US TANK TRUCKS INC  
PO BOX 1155  
DRUMRIGHT OK 74030

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

Name	Code	Depth	Name	Code	Depth
1 LAYTON	405LYTN	1500	6 PRUE	404PRUE	2487
2 CLEVELAND	405CLVD	1900	7 BARTLESVILLE	404BRVL	2591
3 BIG LIME-OSWEGO	404BGLO	2197	8 RED FORK	404RDFK	2677
4 SKINNER UP	404SKNRU	2225	9 1ST WILCOX	202WLCX1	2894
5 SKINNER LOW	404SKNRL	2250	10 2ND WILCOX	202WLCX2	2919

Spacing Orders: 182989

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 3300

Ground Elevation: 845

Surface Casing: 610

Depth to base of Treatable Water-Bearing FM: 560

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: No

**Approved Method for disposal of Drilling Fluids:**

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

PERMIT NO: 19-36093

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR  
REQUEST

**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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

**NOTES:**

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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
HYDRAULIC FRACTURING	<p>1/11/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PUBLIC WATER SUPPLY WELL	1/11/2019 - G71 - OILTON - 1 PWS/WPA, SE/4 32-19N-7E
SPACING - 182989	<p>2/17/2021 - G56 - (40) N2, N2 S2 32-19N-7E</p> <p>MOD OTHERS</p> <p>VAC 28933 SKNR, RDFK</p> <p>EXT 54067/176079 SKNRL, RDFK</p> <p>EXT 179220 LYTN, CLVD, BGLO, PRUE, BRVL, WLCX1, WLCX2, SKNRU, OTHERS</p>