

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

API NUMBER: 103 24766

Approval Date: 10/11/2019  
Expiration Date: 04/11/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 23N Rge: 1W

County: NOBLE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 165 165

Lease Name: RUTH WILLIAMS

Well No: 1-24

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: RUFFEL LANCE OIL & GAS LLC

Telephone: 4052397036

OTC/OCC Number: 15459 0

RUFFEL LANCE OIL & GAS LLC  
210 PARK AVE STE 2150  
OKLAHOMA CITY, OK 73102-5632

RUTH WILLIAMS  
8700 COUNTRY ROAD 100  
RED ROCK OK 74651-

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

	Name	Depth	Name	Depth
1	PINK LIME	4340	6	
2	RED FORK UP	4400	7	
3	RED FORK LOW	4550	8	
4	MISSISSIPPIAN	4590	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904670

Special Orders:

Total Depth: 4900 Ground Elevation: 914

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 19-37019

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - RED ROCK CREEK)

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>10/11/2019 - GC2 - 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://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 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>
PENDING CD - 201904670	<p>10/11/2019 - GB1 - (E.O.) N2 NE4 24-23N-1W  X165:10-1-21 PKLM, RDFKU, RDFKL, MSSP  NCT 150' FNL, NCT 150' FWL OF N2 NE4  NO OP. NAMED  REC. 10/11/2019 (THOMAS)</p>
SPACING	10/11/2019 - GB1 - FORMATIONS UNSPACED; 80- ACRE LEASE N2 NE4
WATERSHED STRUCTURE	10/11/2019 - GC2 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 336-2003 PRIOR TO DRILLING