

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

API NUMBER: 119 24469

Approval Date: 06/13/2023

Expiration Date: 12/13/2024

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 19N Range: 3E County: PAYNE

SPOT LOCATION: NW SW NE NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**
SECTION LINES: **978** **1425**

Lease Name: **HEIRS** Well No: **#1-11** Well will be **978** feet from nearest unit or lease boundary.

Operator Name: **LANCE RUFFEL OIL & GAS LLC** Telephone: 4052397036 OTC/OCC Number: 15459 0

LANCE RUFFEL OIL & GAS LLC

OKLAHOMA CITY, OK 73102-5632

NELLIE D ALDERSON, AS SOLE SUCCESSOR TRUSTEE OF THE
ALDERSON REVOCABLE TRUST, DATED MAY 18, 1995
1412 N. COUNTRY CLUB ROAD
STILLWATER OK 74075

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

Name	Code	Depth
1 CLEVELAND	405CLVD	3500
2 OSWEGO	404OSWG	3600
3 PRUE	404PRUE	3750
4 SKINNER	404SKNR	3800
5 RED FORK	404RDFK	3900

Spacing Orders: 102315

Location Exception Orders: **No Exceptions**

Increased Density Orders: **No Density**

Pending CD Numbers: 202301675

Working interest owners' notified: DNA

Special Orders: **No Special**

Total Depth: 4079

Ground Elevation: 964

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 340

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: 23-39066
H. (Other)	CLOSED SYSTEM=STEEL PITS (REQUIRED - LITTLE STILLWATER CREEK)

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? **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: **oscar**

DIRECTIONAL HOLE 1

Section: 11 Township: 19N Range: 3E Meridian: IM

County: **PAYNE**

Measured Total Depth: 4079

Spot Location of End Point: **NW SE NW NW**

True Vertical Depth: 4050

Feet From: **NORTH** 1/4 Section Line: 969

End Point Location from

Feet From: **WEST** 1/4 Section Line: 967

Lease, Unit, or Property Line: 210

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>[6/6/2023 - GC2] - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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 FRACFOCUS.ORG</p>
PENDING - CD2023-001675	<p>[6/8/2023 - GB7] - (I.O.) NW4 NW4 11-19N-3E X102315 CLVD, OSWG, PRUE, SKNR, RDFK, OTHERS BHL NCT 220' FSL, NCT 220' FEL (NW4 NW4) LANCE RUFFEL OIL & GAS LLC REC 06/12/2023 (THOMAS)</p>
SPACING - 102315	<p>[6/8/2023 - GB7] - (40) NW4 11-19N-3E EST CLVD, OSWG, PRUE, SKNR, RDFK, OTHERS</p>

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