

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

API NUMBER: 125 23953

Approval Date: 12/04/2019
Expiration Date: 06/04/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 10N Rge: 2E County: POTTAWATOMIE
SPOT LOCATION: NE SE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 896 1120

Lease Name: LADON Well No: 1-36 Well will be 896 feet from nearest unit or lease boundary.

Operator Name: WESTERN OIL AND GAS DEVELOPMENT CORP Telephone: 4052354590 OTC/OCC Number: 14635 0

WESTERN OIL AND GAS DEVELOPMENT CORP
420 NW 13TH ST
OKLAHOMA CITY, OK 73103-3735

COMMISSIONERS OF THE LAND OFFICE
204 NORTH ROBINSON, SUITE 900
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 RED FORK	5120	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 221243

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905649

Special Orders:

Total Depth: 5350

Ground Elevation: 1152

Surface Casing: 750

Depth to base of Treatable Water-Bearing FM: 550

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-37050

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 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>10/9/2019 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG</p>
PENDING CD - 201905649	<p>12/4/2019 - GC2 - (E.O.) NW4 NW4 36-10N-2E X221243 RDFK 424' FSL, 200' FEL NO OP. NAMED REC. 12-4-2019 (PRESLAR)</p>
SPACING - 221243	<p>11/26/2019 - GC2 - (40) 36-10N-2E EXT 185708 RDFK, OTHERS</p>