

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

API NUMBER: 037 29452

Approval Date: 05/19/2020
Expiration Date: 11/19/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 29 Township: 15N Range: 9E County: CREEK

SPOT LOCATION: C NE SW NE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 990 1650

Lease Name: MANNING Well No: 1-29 Well will be 990 feet from nearest unit or lease boundary.
Operator Name: WFD OIL CORPORATION Telephone: 4057153130 OTC/OCC Number: 17501 0

WFD OIL CORPORATION
16800 CONIFER LN
EDMOND, OK 73012-0619

JIM D MANNING AND SANDRA K MANNING
34595 WEST 291ST STREET S
BRISTOW OK 74010

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

	Name	Code	Depth
1	LAYTON	405LYTN	1300
2	SKINNER	404SKNR	2300

Spacing Orders: 264812

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 2475

Ground Elevation: 850

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 350

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is: BED AQUIFER

Pit Location Formation: BARNSDALL

NOTES:

Category	Description
HYDRAULIC FRACTURING	5/15/2020 - G71 - OCC 165:10-3-10 REQUIRES: 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; 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, 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

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.

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.