

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

API NUMBER: 037 29439

Approval Date: 09/18/2019

Expiration Date: 03/18/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 15N Rge: 9E

County: CREEK

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 2170 330

Lease Name: VANORSOL

Well No: 1-29

Well will be 330 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

FRANKLIN GENE VANORSOL & SHARON KAY FAMILY TRUST  
34140 W 281ST SOUTH  
BRISTOW OK 74010

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

|   | Name         | Depth | Name | Depth |
|---|--------------|-------|------|-------|
| 1 | SKINNER      | 2290  | 6    |       |
| 2 | RED FORK     | 2550  | 7    |       |
| 3 | BARTLESVILLE | 2715  | 8    |       |
| 4 | DUTCHER      | 3090  | 9    |       |
| 5 | 2ND WILCOX   | 3710  | 10   |       |

Spacing Orders: 264812

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3750

Ground Elevation: 877

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: BARNSDALL

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Notes:

Category

Description

FORMATION

9/18/2019 - GC2 - CHANGED WLCX TO WLCX2 PER OPERATOR REQUEST.

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.

HYDRAULIC FRACTURING

8/29/2019 - 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: [OCCWEB.COM/OG/OGFORMS.HTML](http://OCCWEB.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](http://FRACFOCUS.ORG)

SPACING - 264812

9/17/2019 - GC2 - (40) N2 NW4 & NE4 29-15N-9E  
EST SKNR, RDFK, BRVL, DTCR, WLCX2

SURFACE CASING

8/29/2019 - G71 - MIN. 390' PER ORDER 82644