

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

API NUMBER: 145 23430

Approval Date: 02/27/2020

Expiration Date: 08/27/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 06 Township: 18N Range: 17E County: WAGONER

SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 200

Lease Name: MARTIN Well No: 2019-1 Well will be 200 feet from nearest unit or lease boundary.

Operator Name: NDR Telephone: 9187987071 OTC/OCC Number: 23959 0

NDR
1120 E 34TH ST
BROKEN ARROW, OK 74014-2937

DAVID L MANN
16080 E 640 ROAD
INOLA OK 74036

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

Name	Code	Depth
1 DUTCHER	403DTCR	170
2 MISENER	319MSNR	810

Spacing Orders: No Spacing Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending Special Orders: No Special Orders

Total Depth: 830 Ground Elevation: 552 **Surface Casing: 0** Depth to base of Treatable Water-Bearing FM: 70

Alternate Casing Program

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

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.
- H. CBL REQUIRED

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: AIR

Category of Pit: 4
Liner not required for Category: 4
Pit Location is: ALLUVIAL
Pit Location Formation: ALLUVIUM

Is depth to top of ground water greater than 10ft below base of pit? Y

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

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

NOTES:

Category	Description
ALTERNATE CASING	12/20/2019 - G71 - APPROVED; COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)

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	<p>12/16/2019 - G71 - 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>
SPACING	<p>2/26/2020 - GC2 - FORMATION UNSPACED 320-ACRE LEASE N2</p>

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