

API NUMBER: 117 23719

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

Approval Date: 06/07/2023

Expiration Date: 12/07/2024

Straight Hole

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 18 Township: 22N Range: 4E County: PAWNEE

SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 330 916

Lease Name: CAIN Well No: 2 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: EAGLE ROAD OIL LLC Telephone: 9189867611; 2153832433 OTC/OCC Number: 23778 0

EAGLE ROAD OIL LLC  
321 S BOSTON AVE STE 700  
TULSA, OK 74103-3312

TODD S. CASEY AND SANDRA CASEY  
448 E 47TH HWY  
GIRARD KS 66743

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

	Name	Code	Depth
1	BARTLESVILLE	404BRVL	3800
2	MISSISSIPPIAN	359MSSP	3830
3	WOODFORD	319WDFD	4080
4	MISENER	319MSNR	4170
5	SIMPSON	202SMPS	4200

	Name	Code	Depth
6	ARBUCKLE	169ABCK	4270

Spacing Orders: 609633

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 4350

Ground Elevation: 904

Surface Casing: 270

Depth to base of Treatable Water-Bearing FM: 220

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

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: OSCAR

**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: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING	[6/7/2023 - GB7] - BRVL, MSNR, ABCK UNSPACED, 160-ACRE LEASE (SE4 18-22N-4E)
SPACING - 609633	<p>[6/7/2023 - GB7] - (80 &amp; 640 HOR) 18-22N-4E  EXT 600151 OTHERS  EXT 298018 SMPSD, OTHERS (80 NW/SE LD NE4 &amp; S2)  EST MSSP, WDFD (640(HOR))  COMPL INT NCT 660' FB (MSSP)  COMPL INT NCT 330' FB (WDFD)  (SUPERCEDES EXISTING NON-HORIZONTAL SP# 298018 MSSLM)</p>
WATERSHED STRUCTURE	[6/6/2023 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (918) 762-2804 PRIOR TO DRILLING