

API NUMBER: 083 24465

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

Approval Date: 01/19/2023

Expiration Date: 07/19/2024

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 34 Township: 18N Range: 4W County: LOGAN

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1749 330

Lease Name: AUSBIE Well No: 1-34 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: GULF EXPLORATION LLC Telephone: 4058403371 OTC/OCC Number: 20983 0

GULF EXPLORATION LLC

OKLAHOMA CITY, OK 73114-6316

GALEN AND VERNA CARRIER

11260 NORTH MACARTHUR BLVD

CRESCENT OK 73028

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

	Name	Code	Depth
1	CARMICHAEL	406CMCL	3550
2	AVANT	405AVNT	4085
3	OSAGE LAYTON /MISSOURIAN/	405OSGL	4718
4	LAYTON	405LYTN	5106
5	CLEVELAND	405CLVD	5335

	Name	Code	Depth
6	OSWEGO	404OSWG	5435
7	SKINNER	404SKNR	5640
8	MISENER-HUNTON	319MSRH	5829
9	VIOLA	202VIOL	5905
10	SIMPSON	202SMPS	6005

Spacing Orders: 173873
729374

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202205066

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 6700

Ground Elevation: 1067

Surface Casing: 430

Depth to base of Treatable Water-Bearing FM: 380

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 22-38758

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: GARBER

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>[12/13/2022 - 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: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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 FRACFOCUS.ORG</p>
PENDING - CD2022-005066	<p>[1/3/2023 - GB7] - (I.O.) SW4 34-18N-4W X173873 CMCL, AVNT X729374 OSG, LYTN, CLVD, OSWG, SKNR, MSRH, VIOL, SMPS COMPL. INT. NCT 891' FNL, NCT 330' FWL GULF EXPLORATION LLC REC 01/10/2023 (MILLER)</p>
SPACING - 173873	<p>[12/13/2022 - GB7] - (160) SW4 34-18N-4W EXT 130147/156855 CMCL, AVNT VAC OTHERS EST OTHERS</p>
SPACING - 729374	<p>[12/13/2022 - GB7] - (160) SW4 34-18N-4W VAC 14134 SMPD, LYTNM, LYTNL VAC 17702 LYTN EST OSG, LYTN, CLVD, OSWG, SKNR, MSRH, VIOL, SMPS, OTHERS</p>