

API NUMBER: 013 20171 A

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

Approval Date: 05/20/2020

Expiration Date: 11/20/2021

Directional Hole Oil & Gas

Amend reason: OCC CORRECTION ADD FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 12 Township: 6S Range: 7E County: BRYAN

SPOT LOCATION: ☐ NW ☐ NW ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1630 1130

Lease Name: LABOR Well No: 1-1ER Well will be 1130 feet from nearest unit or lease boundary.

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

GULF EXPLORATION LLC
9701 N BROADWAY EXT
OKLAHOMA CITY, OK 73114-6316

CHERYL ANN LABOR
3549 BIG VALLEY ROAD
MEAD OK 73449

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	4200
2	WOODFORD	319WDFD	4800
3	HUNTON	269HNTN	5050
4	VIOLA	202VIOL	5650
5	BROMIDE	202BRMD	6250

	Name	Code	Depth
6	TULIP CREEK	202TPCK	6610
7	MCLISH	202MCLS	7300
8	OIL CREEK	202OLCK	7750
9	ARBUCKLE	169ABCK	8100

Spacing Orders: 709325

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202001001

Special Orders: No Special Orders

Total Depth: 9600

Ground Elevation: 758

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 860

Deep surface casing has been approved

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: 20-37354
H. SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: BOKCHITO

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: BOKCHITO

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.

DIRECTIONAL HOLE 1

Section: 1	Township: 6S	Range: 7E	
County: BRYAN			Measured Total Depth: 9600
Spot Location of End Point: NE	SW	NE	SW
Feet From: NORTH			1/4 Section Line: 905
Feet From: EAST			1/4 Section Line: 987
			End Point Location from Lease, Unit, or Property Line: 905

NOTES:

Category	Description
DEEP SURFACE CASING	5/7/2020 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	5/7/2020 - 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
MEMO	5/7/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - LAKE TEXOMA), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202001001	5/12/2020 - GC2 - (I.O.) SE4 2, SW 1, NE4 11, & NW4 12-6S-7E X709325 HNTN, VIOL, BRMD, TPCK, MCLS, OLCK, ABCK, OTHER COMPL. INT. (HNTN, VIOL) NCL 660' FNL/FSL, NCT 165' FEL COMPL. INT. (BRMD, TPCK, MCLS, OLCK, ABCK) NCT 660' FNL/FSL, NCT 330' FEL NO OP. NAMED REC 5-18-2020 (MILLER)
SPACING - 709325	5/12/2020 - GC2 - (640)(IRR UNIT) SE4 2, SW 1, NE4 11, & NW4 12-6S-7E VAC OTHERS VAC 342729 SW4 1-6S-7E EST MSSP, WDFD, HNTN, VIOL, BRMD, TPCK, MSLS, OLCK, WBCK, OTHER

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.

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