

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

API NUMBER: 123 23888

Approval Date: 02/26/2019  
Expiration Date: 08/26/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 5N Rge: 4E County: PONTOTOC  
SPOT LOCATION:  E2  SE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 990 180

Lease Name: MOORE Well No: 1-28 Well will be 180 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

GARY MOORE REV. TRUST  
P.O. BOX 216  
STRATFORD OK 74872

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

	Name	Depth	Name	Depth
1	VIOLA	2830	6	
2	SIMPSON DOLOMITE	2960	7	
3	1ST WILCOX	3010	8	
4	2ND WILCOX	3050	9	
5	OIL CREEK	3300	10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901093

Special Orders:

Total Depth: 4000 Ground Elevation: 1039 **Surface Casing: 210** Depth to base of Treatable Water-Bearing FM: 160

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

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36263  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX 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>2/21/2019 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PENDING CD - 201901093	<p>2/26/2019 - G75 - (E.O.) NE4 NE4 28-5N-4E  X165:10-1-21 VIOL, SMPSD, WLCX1, WLCX2, OLCK, OTHERS  330' FSL, 180' FEL  GULF EXPLOR., LLC  REC 2-26-2019 (NORRIS)</p>
SPACING	<p>2/26/2019 - G75 - FORMATIONS UNSPACED; 40-ACRE LEASE (NE4 NE4)</p>

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