

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

API NUMBER: 029 21393

Approval Date: 08/07/2019

Expiration Date: 02/07/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 1N Rge: 8E

County: COAL

SPOT LOCATION: S2 NW NW NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 510 2310

Lease Name: YELLOW SPRINGS

Well No: 1-18

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
9701 N BROADWAY EXT
OKLAHOMA CITY, OK 73114-6316

THOMAS AND LISA GARRETT
36578 CR 1695
STONEWALL OK 74871

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

	Name	Depth		Name	Depth
1	HUNTON	4370	6	OIL CREEK	5585
2	VIOLA	4540	7	ARBUCKLE	5700
3	BROMIDE	5050	8		
4	TULIP CREEK	5135	9		
5	MCLISH	5350	10		

Spacing Orders: 685525

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903543
201904045

Special Orders:

Total Depth: 6200

Ground Elevation: 702

Surface Casing: 420

Depth to base of Treatable Water-Bearing FM: 370

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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: MCALESTER

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

PERMIT NO: 19-36815

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>7/15/2019 - 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>
PENDING CD - 201903543	<p>8/5/2019 - G56 - (E.O.) NE4 18-1N-8E X685525*** HNTN, VIOL, BRMD, TPCK, MCLS, OLCK, ABCK COMPL INT NCT 510' FNL, NCT 330' FWL GULF EXPLORATION, LLC REC 8/5/2019 (THOMAS)</p>
PENDING CD - 201904045	<p>***201904045 WILL BE ADDED AT HEARING PER ATTORNEY FOR OPERATOR</p> <p>8/7/2019 - G56 - (E.O.) NE4 18-1N-8E CLARIFY 685525 TO VAC NE4 9858 SMPSU HEARING 8/13/2019</p>
SPACING - 685525	<p>8/5/2019 - G56 - (160) NE4 18-1N-8E EST HNTN, VIOL, BRMD, TPCK, MCLS, OLCK, ABCK</p>

M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Topography



Bearings are GRID NORTH

SCALE 1" = 1000'

0' 1000'

Job # 19173

Date 5/30/2019

NAD 83 OK South
Surface Location

Latitude: 34.562241°

Longitude: 96.502264°

N= 450570'

E=2419404'

NAD 27 OK South
Surface Location

Latitude: 34.562150°

Longitude: 96.501983°

N= 450525'

E=2451000'

Best Accessibility to Location From the South

Distance & Direction From Highway or Town From the Jct SH #3 & SH #48, go 1.0 miles West on SH #3, then 3.5 miles South on Eubanks Road, then 3 miles West of County Road 1690 to the Northeast Corner of Section 18

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.

