

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

API NUMBER: 123 23879

Approval Date: 01/12/2018
Expiration Date: 07/12/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 5N Rge: 4E County: PONTOTOC
SPOT LOCATION: ☐ NW ☐ SE ☐ NE ☐ NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1725 2117

Lease Name: BRAUM Well No: 5-10 Well will be 405 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

WHB CATTLE, L.P.
3000 NE 63RD STREET
OKLAHOMA CITY OK 73125

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

Name	Depth	Name	Depth
1 WEWOKA UP	2300	6 VIOLA	2770
2 CALVIN	2360	7 SIMPSON DOLOMITE	2890
3 PENN BASAL UNCONF SAND	2500	8 1ST WILCOX	3000
4 HUNTON	2620	9 2ND WILCOX	3100
5 SYLVAN	2660	10	

Spacing Orders: 306701

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3400

Ground Elevation: 924

Surface Casing: 160

Depth to base of Treatable Water-Bearing FM: 40

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER)

F. Haul to Commercial soil farming facility: Sec. 27 Twn. 2N Rng. 9E Cnty. 29 Order No: 535467

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.

123 23879 BRAUM 5-10

Category	Description
HYDRAULIC FRACTURING	<p>12/22/2017 - 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>
SPACING - 306701	<p>1/8/2018 - G75 - (40) N2 10-5N-4E</p> <p>EST WWOKU, BPUNC, SLVN, WLCX1, OTHERS</p> <p>EXT 288152 CLVN, HNTN, VIOL, SMPSD, WLCX2, OTHERS</p>