

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

API NUMBER: 123 23870

Approval Date: 02/28/2017
Expiration Date: 08/28/2017

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 5N Rge: 4E County: PONTOTOC
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2310 330

Lease Name: BRAUM Well No: 2-10 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

WHB CATTLE, LP
3000 NE 63RD STREET
OKLAHOMA CITY OK 73125

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

Name	Depth	Name	Depth
1 WEWOKA 1	2100	6 VIOLA	2775
2 CALVIN	2360	7 SIMPSON DOLOMITE	2890
3 PENN BASAL UNCONF SAND	2500	8 1ST WILCOX	2950
4 HUNTON	2520	9 2ND WILCOX	3000
5 SYLVAN	2665	10	

Spacing Orders: 658736

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3200

Ground Elevation: 990

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: No

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: 4000

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

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

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

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 23870 BRAUM 2-10

Category	Description
HYDRAULIC FRACTURING	2/27/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
SPACING - 658736	2/28/2017 - G60 - (40) N2 SW4 10-5N-4E EXT 306701 WWOK1, CLVN, BPUNC, HNTN, SLVN, VIOL, SMPSD, WLCX1, WLCX2

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