

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

API NUMBER: 125 23945

Approval Date: 03/15/2019

Expiration Date: 09/15/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 6N Rge: 4E

County: POTTAWATOMIE

SPOT LOCATION: SW SW NE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1485 1155

Lease Name: TURKEY HILL

Well No: 1-10

Well will be 165 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

SANDRA LOIS HILL 2002 REVOCABLE TRUST
43745 TURKEY HILL ROAD
ASHER OK 74826

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

	Name	Depth	Name	Depth
1	EARLSBORO	3650	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 167170

Location Exception Orders: 689945

Increased Density Orders:

691100

Pending CD Numbers: 201901727

Special Orders:

Total Depth: 4000

Ground Elevation: 1078

Surface Casing: 670

Depth to base of Treatable Water-Bearing FM: 620

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 BED AQUIFER

Pit Location Formation: OSCAR

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

PERMIT NO: 19-36141

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: 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>
LOCATION EXCEPTION - 689945	<p>3/11/2019 - G75 - NE4 SE4 10-6N-4E X167170 ERLB, OTHERS 165' FSL, 165' FWL NO OP. NAMED 1-17-2019</p>
LOCATION EXCEPTION - 691100	<p>3/11/2019 - G75 - NPT 689945 TO DELETE PARAGRAPH 10 CONCERNING LATERAL & RENUMBER SUBSEQUENT PARAGRAPHS</p>
PENDING CD - 201901727	<p>3/15/2019 - G75 - NE4 SE4 10-6N-4E X167170 ERLB 1 WELL NO OP. NAMED HEARING 4-9-2019</p>
SPACING - 167170	<p>3/11/2019 - G75 - (40) SE4 10-6N-4E EST ERLB, OTHERS</p>

API 125-23945

Gulf Exploration LLC

Turkey Hill #1-10

Surface Location: 165' FSL 165' FWL NE/4 SE/4 of Section 10 Township 6N Range 4E

Pottawatomie County, Oklahoma

