

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

API NUMBER: 029 21365 A

Approval Date: 08/17/2017

Expiration Date: 02/17/2018

Straight Hole Oil & Gas

Amend reason: CHANGE OPERATOR, SURFACE LOCATION,
WELL NUMBER, SURFACE OWNER ADDRESS, GROUND
ELEVATION, SURFACE CASING DEPTH, PIT TYPE & DISPOSAL
METHOD

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 1N Rge: 8E

County: COAL

SPOT LOCATION: W2 SE SE NW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 2050

Lease Name: HISAW

Well No: 2-17

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

COY DALE & PAMELA HISAW
P.O. BOX 252
STONEWALL OK 74871

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

	Name	Depth		Name	Depth
1	ATOKA	1900	6	BROMIDE	5200
2	WAPANUCKA	2880	7	MCLISH	5400
3	CROMWELL	3530	8	OIL CREEK	5600
4	HUNTON	4600	9	ARBUCKLE	5800
5	VIOLA	4800	10		

Spacing Orders: 659010

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5900

Ground Elevation: 703

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 170

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

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

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.

029 21365 HISAW 2-17

Category	Description
HYDRAULIC FRACTURING	<p>8/17/2017 - G58 - 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: OCCWEB.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 - 659010	<p>8/17/2017 - G64 - (40) NW4 17-1N-8E</p> <p>VAC 586647 ATOK, WPCK, CMWL, HNTN, VIOL, BRMD, MCLS, OLCK, ABCK</p> <p>EST ATOK, WPCK, CMWL, HNTN, VIOL, BRMD, MCLS, OLCK, ABCK</p>