

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

API NUMBER: 141 20521 A

Approval Date: 02/07/2019
Expiration Date: 08/07/2020

Straight Hole Oil & Gas

Amend reason: MOVE SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 3S Rge: 19W County: TILLMAN
SPOT LOCATION: SE SW NW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1450 2234

Lease Name: GAINES Well No: 3 Well will be 1645 feet from nearest unit or lease boundary.
Operator Name: AC OPERATING COMPANY LLC Telephone: 7138819030 OTC/OCC Number: 23061 0

AC OPERATING COMPANY LLC
952 ECHO LN STE 390
HOUSTON, TX 77024-2851

THOMAS AND MARSHA GAINES
21645 CR EW 191
DAVIDSON OK 73537

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

Name	Depth	Name	Depth
1 STRAWN	4600	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 658650

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5200

Ground Elevation: 1234

Surface Casing: 250

Depth to base of Treatable Water-Bearing FM: 110

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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.

141 20521 GAINES 3

Category

Description

HYDRAULIC FRACTURING

1/24/2019 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

SPACING - 658650

2/7/2019 - G58 - (UNIT) S2 2-3S-19W
EST SOUTH TRIMUE UNIT, STRN