

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

API NUMBER: 147 28210

Approval Date: 11/15/2019
Expiration Date: 05/15/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 27N Rge: 12E County: WASHINGTON
SPOT LOCATION: SE SW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1020 825

Lease Name: BREWER Well No: 1 Well will be 165 feet from nearest unit or lease boundary.
Operator Name: GRIGGS JOSH Telephone: 9184402750 OTC/OCC Number: 23229 0

GRIGGS JOSH
430 STEADWAY AVE
DEWEY, OK 74029-2828

BILL BERRY
28 TRAIL RIDGE ROAD
SAPULPA OK 74066

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

	Name	Depth	Name	Depth
1	WAYSIDE	650	6	
2	BARTLESVILLE	1300	7	
3	MISSISSIPPI CHAT	1600	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 1700 Ground Elevation: 680 **Surface Casing: 100** 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

Type of Pit System: ON SITE
Type of Mud System: AIR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Notes:

Category	Description
FORMATION	11/18/2019 - GB1 - ADDED MISSISSIPPI CHAT PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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.

HYDRAULIC FRACTURING

10/16/2019 - 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

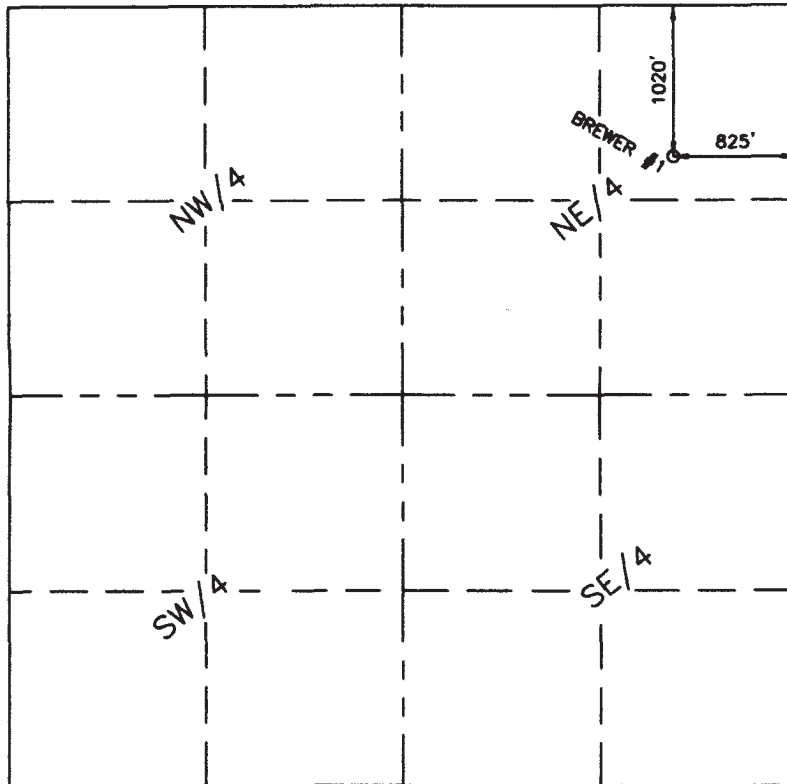
SPACING

11/18/2019 - GB1 - UNSPACED FORMATIONS; 35-ACRE LEASE W2 NE NE, NW SE NE, N2 SW SE NE

SURFACE LOCATION

11/18/2019 - GB1 - 1020' FNL, 825' FEL PER SURVEY PLAT

SECTION 13, TOWNSHIP 27 NORTH, RANGE 12 EAST
WASHINGTON COUNTY, OKLAHOMA.
(THIS DOES NOT CONSTITUTE A BOUNDARY SURVEY)



DATED: OCTOBER 1, 2019

SCALE: 1" = 1000'



BREWER #1: (SE/4 SW/4 NE/4 NE/4)
 1020 FEET FROM THE NORTH LINE AND 825 FEET FROM THE EAST LINE
 OF THE NE/4 OF SECTION 13, T27N, R12E, WASHINGTON COUNTY, OKLAHOMA.
 ELEVATION = 680'

LATITUDE = 36°49'36.5"
 LONGITUDE = 95°58'27.7"



CERTIFICATE OF AUTHORIZATION NO. 2434 EXPIRES 6/30/20

BUCKLAND SURVEYING COMPANY, INC.
 LAND SURVEYING SERVICES

1052 S.E. WASHINGTON BLVD. BARTLESVILLE, OKLAHOMA 74008 (918) 336-5071