

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

API NUMBER: 125 23949

Approval Date: 09/13/2019

Expiration Date: 03/13/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 8N Rge: 4E

County: POTTAWATOMIE

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ SW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 165 165

Lease Name: JOE SMITH TRUST

Well No: 2

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: GILLHAM PAUL OIL COMPANY

Telephone: 4059978549

OTC/OCC Number: 18920 0

GILLHAM PAUL OIL COMPANY
PO BOX 699

MAUD, OK 74854-0699

JOE SMITH TRUST

34100 HWY 9

TECUMSEH OK 74873

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

	Name	Depth		Name	Depth
1	CALVIN	3550	6	MISENER	3966
2	SENORA	3648	7	HUNTON	3970
3	EARLSBORO	3840	8	VIOLA	4338
4	BARTLESVILLE	3900	9	WILCOX	4480
5	WOODFORD	3930	10		

Spacing Orders: 684806

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903726

Special Orders:

Total Depth: 4650 Ground Elevation: 938

Surface Casing: 260

Depth to base of Treatable Water-Bearing FM: 210

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: 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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

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 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.

Category	Description
HYDRAULIC FRACTURING	<p>8/13/2019 - 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>
PENDING CD - 201903726	<p>9/12/2019 - GC3 - SW4 28-8N-4E X684806 CLVN, SNOR, ERLB, BRVL, WDFD, MSNR, HNTN, VIOL, WLCX NCT 165' FNL, NCT 165' FWL SW4 28-8N-4E NO OP NAMED REC. 8-5-2019 (P. PORTER)</p>
SPACING - 684806	<p>9/12/2019 - GC3 - (160) SW4 28-8N-4E VAC 164863/166653 MSNR, HNTN, ERLB, VIOL, WLCX SW4 VAC 262289 WDFD SW4 EST CLVN, SNOR, ERLB, BRVL, WDFD, MSNR, HNTN, VIOL, WLCX</p>