

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

API NUMBER: 125 23968

Approval Date: 08/31/2022
Expiration Date: 02/29/2024

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 8N Range: 5E County: POTTAWATOMIE

SPOT LOCATION: SW NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 337 937

Lease Name: TILLIE Well No: 1A Well will be 337 feet from nearest unit or lease boundary.
Operator Name: REACH OIL AND GAS COMPANY INC Telephone: 4052545779 OTC/OCC Number: 24558 0

REACH OIL AND GAS COMPANY INC
OKLAHOMA CITY, OK 73118-1100

POTTAWATOMIE COUNTY
14101 ACME RD
SHAWNEE OK 74804

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

Name	Code	Depth
1 WEWOKA	404WWOK	2326
2 CALVIN	404CLVN	2820
3 SENORA	404SNOR	3263
4 EARLSBORO	404ERLB	3426
5 BARTLESVILLE	404BRVL	3530

Name	Code	Depth
6 HUNTON	269HNTN	4122
7 VIOLA	202VIOL	4236
8 SIMPSON DOLOMITE	202SMPSD	4339
9 1ST WILCOX	202WLCX1	4368
10 2ND WILCOX	202WLCX2	4473

Spacing Orders: 56297 Location Exception Orders: **No Exceptions** Increased Density Orders: **No Density**
Pending CD Numbers: **No Pending** Working interest owners' notified: *** Special Orders: **No Special**
Total Depth: 4500 Ground Elevation: 962 **Surface Casing: 820** Depth to base of Treatable Water-Bearing FM: 770

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:	
E. Haul to Commercial pit facility	Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874
H. (Other)	CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

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: VANOSS

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>[8/10/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
SPACING	[8/31/2022 - G56] - WWOK, CLVN, SNOR, ERLB, BRVL, VIOL, SMPSD, WLCX1, WLCX2 UNSPACED; 160-ACRE LEASE (NW4)
SPACING - 56297	[8/31/2022 - G56] - (40) NW4 28-8N-5E EST HNTN

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