

API NUMBER: 133 25384

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

Approval Date: 09/14/2022  
Expiration Date: 03/14/2024

Directional Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 27 Township: 8N Range: 5E County: SEMINOLE

SPOT LOCATION: SE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 270 278

Lease Name: HUDSON Well No: 2-27 Well will be 270 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

MARTIN RANCH, LLC  
34285 SACRED HEART RD  
KONAWA OK 74849

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

	Name	Code	Depth
1	HUNTON	269HNTN	4307
2	VIOLA	202VIOL	4463
3	SIMPSON DOLOMITE	202SMPSD	4569
4	1ST WILCOX	202WLCX1	4611
5	2ND WILCOX	202WLCX2	4719

Spacing Orders: 699796

Location Exception Orders: 728025

Increased Density Orders: 727310

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 4820

Ground Elevation: 942

Surface Casing: 850

Depth to base of Treatable Water-Bearing FM: 800

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 GROUP

**DIRECTIONAL HOLE 1**

Section: 27 Township: 8N Range: 5E Meridian: IM  
County: SEMINOLE

Measured Total Depth: 4820

Spot Location of End Point: SE NW SE SE

True Vertical Depth: 4750

Feet From: SOUTH 1/4 Section Line: 729

End Point Location from

Feet From: EAST 1/4 Section Line: 745

Lease, Unit, or Property Line: 729

**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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 727310	<p>[8/24/2022 - GB7] - E2 SE4 27-8N-5E X699796 HNTN 1 WELL NO OP. NAMED 8/1/2022</p>
LOCATION EXCEPTION - 728025 (CD2022-002440)	<p>[9/7/2022 - GB7] - (I.O.) E2 SE4 27-8N-5E X699796 HNTN, VIOL, SMPSD, WLCX1, WLCX2, OTHERS PROP SHL 2418' FSL, 236' FWL 26-8N-5E** ENTRY/EXIT (OTHERS) ENTRY/EXIT (HNTN, VIOL, SMPSD, WLCX1, WLCX2) NCT 600' FEL 600' FSL NO OP. NAMED 8/31/2022 **SHL 270' FSL 278' FEL 27-8N-5E; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR</p>
SPACING - 699796	<p>[8/24/2022 - GB7] - (80) SE4 27-8N-5E SU NE/SW VAC 212488 HNTN, VIOL, SMPSD, WLCX1, WLCX2, OTHER N2 SE4 27-8N-5E VAC OTHER EXT 560241 VIOL, SMPSD, WLCX1, WLCX2, OTHERS EXT 694320 HNTN EST OTHERS (VAC BY 723407 FOR HNTN, VIOL, SMPSD, WLCX1, WLCX2, OTHERS IN W2 SE4 27-8N-5E)</p>