

API NUMBER: 133 25369 A

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

Approval Date: 09/15/2021  
Expiration Date: 03/15/2023

Directional Hole Oil & Gas

Amend reason: AMEND TO DIRECTIONAL, REMOVE FORMATIONS, TD

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 02 Township: 7N Range: 5E County: SEMINOLE

SPOT LOCATION: SW SW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 1185 1049

Lease Name: GWIN Well No: 1-2 Well will be 271 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  
6301 WATERFORD BLVD STE 120  
OKLAHOMA CITY, OK 73118-1100

GWIN & GWIN  
709 NW 54TH ST  
OKLAHOMA CITY OK 73118

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

	Name	Code	Depth
1	SENORA	404SNOR	3180
2	EARLSBORO	404ERLB	3340
3	BARTLESVILLE	404BRVL	3430
4	HUNTON	269HNTN	4340
5	VIOLA	202VIOL	4420

	Name	Code	Depth
6	SIMPSON DOLOMITE	202SMPSD	4470
7	1ST WILCOX	202WLCX1	4570
8	2ND WILCOX	202WLCX2	4620

Spacing Orders: 717151

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: 4630

Ground Elevation: 998

Surface Casing: 650

Depth to base of Treatable Water-Bearing FM: 600

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37831  
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

**DIRECTIONAL HOLE 1**

Section: 2 Township: 7N Range: 5E Meridian: IM  
County: SEMINOLE

Measured Total Depth: 4630

Spot Location of End Point: C SW NE NE

True Vertical Depth: 4620

Feet From: NORTH 1/4 Section Line: 990

End Point Location from

Feet From: EAST 1/4 Section Line: 990

Lease, Unit, or Property Line: 330

**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>[9/15/2021 - 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://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.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>
SPACING - 717151	<p>[9/15/2021 - G56] - (80) E2 NE4 2-7N-5E SU NE4 NE4 NCT 330' FB EST SNOR, ERLB, BRVL, HNTN, VIOL, SMPSD, WLCX1, WLCX2, OTHERS</p>