

API NUMBER: 133 25187 B

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

Approval Date: 09/26/2022

Expiration Date: 03/26/2024

Horizontal Hole Injection

Amend reason: OCC CORRECTION - CHANGE SHL

**AMEND PERMIT TO DRILL**

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

SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 200 893

Lease Name: GWIN SWD Well No: 1 Well will be 200 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

BOONE OPERATING

709 NW 54TH ST

OKLAHOMA CITY OK 73118

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

Name	Code	Depth
1 CALVIN	404CLVN	2602

Spacing Orders: No Spacing

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: 6874

Ground Elevation: 903

Surface Casing: 632 IP

Depth to base of Treatable Water-Bearing FM: 500

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)	1B MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

**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: VANOSS

**HORIZONTAL HOLE 1**

Section: 11 Township: 7N Range: 5E Meridian: IM Total Length: 1733  
County: SEMINOLE Measured Total Depth: 6874  
Spot Location of End Point: NE NW NE SE True Vertical Depth: 4367  
Feet From: SOUTH 1/4 Section Line: 2439 End Point Location from  
Feet From: WEST 1/4 Section Line: 1773 Lease, Unit, or Property Line: 867

**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>[9/22/2022 - 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://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	[9/22/2022 - GC2] - N/A - DISPOSAL WELL