

API NUMBER: 133 25393

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

Approval Date: 03/06/2023

Expiration Date: 09/06/2024

Directional Hole Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: W2 SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 330 1168

Lease Name: GWIN Well No: 3-2 Well will be 330 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

GWIN AND GWIN GP

709 NW 54TH ST

OKLAHOMA CITY OK 73118

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

Name	Code	Depth	Name	Code	Depth
1 WEWOKA	404WWOK	2326	6 HUNTON	269HNTN	4307
2 CALVIN	404CLVN	2820	7 VIOLA	202VIOL	4463
3 SENORA	404SNOR	3263	8 SIMPSON DOLOMITE	202SMPSD	4569
4 EARLSBORO	404ERLB	3426	9 1ST WILCOX	202WLCX1	4611
5 CROMWELL	402CMWL	3530	10 2ND WILCOX	202WLCX2	4719

Spacing Orders: 720022

Location Exception Orders: 731788

Increased Density Orders: 731703

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 4800

Ground Elevation: 907

Surface Casing: 550

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:

F. Haul to Commercial soil farming 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

DIRECTIONAL HOLE 1

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

Measured Total Depth: 4800

Spot Location of End Point: NW SW SE SE

True Vertical Depth: 4750

Feet From: SOUTH 1/4 Section Line: 587

End Point Location from

Feet From: EAST 1/4 Section Line: 1250

Lease, Unit, or Property Line: 587

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>[1/25/2023 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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>
INCREASED DENSITY - 731703	<p>[2/3/2023 - GB1] - S2 SE4 2-7N-5E X720022 WLCX1*** 2 WELLS REACH OIL AND GAS COMPANY, INC 1/26/2023</p> <p>*** HNTN LISTED AS FORMATION ALSO; WILL BE CORRECTED PER ATTORNEY</p>
PENDING CD - 202204889	<p>[2/3/2023 - GB1] - (I.O.) S2 SE4 2-7N-5E X720022 WWOK, CLVN, SNOR, ERLB, CMWL, HNTN, VIOL, SMPSD, WLCX1, WLCX2 SHL 330' FSL, 1168' FEL BHL 587' FSL, 1250' FEL*** NO OP NAMED REC 3/6/23 (THOMAS)</p> <p>*** ENTRY AND EXIT POINTS WILL BE ADDED AT HEARING PER ATTORNEY FOR OPR</p>
POE	<p>[3/6/2023 - GB1] - ENTRY (WWOK) NCT 417' FSL, NCT 1197' FEL ENTRY (CLVN) NCT 451' FSL, NCT 1208' FEL ENTRY (SNOR) NCT 483' FSL, NCT 1219' FEL ENTRY (ERLB) NCT 494' FSL, NCT 1222' FEL ENTRY (BRVL) NCT 502' FSL, NCT 1225' FEL*** ENTRY (HNTN) NCT 557' FSL, NCT 1243' FEL ENTRY (VIOL) NCT 568' FSL, NCT 1247' FEL ENTRY (SMPSD) NCT 575' FSL, NCT 1249' FEL ENTRY (WLCX1) NCT 587' FSL, NCT 1250' FEL ENTRY (WLCX2) NCT 587' FSL, NCT 1250' FEL</p> <p>***S/B CMWL; WILL BE CORRECTED PER ATTORNEY FOR OPR</p>
SPACING - 720022	<p>[2/3/2023 - GB1] - (80) S2 SE4 2-7N-5E LD SW EST WWOK, CLVN, SNOR, ERLB, CMWL, HNTN, VIOL, SMPSD, WLCX1, WLCX2</p>