

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

API NUMBER: 143 24360

Approval Date: 04/21/2022
Expiration Date: 10/21/2023

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 03 Township: 17N Range: 12E County: TULSA

SPOT LOCATION: ☐ SW ☐ NW ☐ SW ☐ NW FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 710 50

Lease Name: HARJO Well No: 5 Well will be 50 feet from nearest unit or lease boundary.
Operator Name: WACHOB OIL & GAS LLC Telephone: 9182914459 OTC/OCC Number: 22840 0

WACHOB OIL & GAS LLC
3378 W HIGHWAY 117
SAPULPA, OK 74066-6987

WACHOB OIL AND GAS LLC
3378 W HWY 117
SAPULPA OK 74066

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

Name	Code	Depth
1 GLENN	404GLNN	1550

Spacing Orders: 31783

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: 1673

Ground Elevation: 755

Surface Casing: 0

Depth to base of Treatable Water-Bearing FM: 180

Alternate Casing Program

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. (Other)

CBL REQUIRED

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 not** located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is: NON HSA

Pit Location Formation: SEMINOLE

DIRECTIONAL HOLE 1

Section: 4 Township: 17N Range: 12E Meridian: 1M

County: CREEK

Measured Total Depth: 1673

Spot Location of End Point: C SE SE NE

True Vertical Depth: 1600

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 330

End Point Location from
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
ALTERNATE CASING	[4/19/2022 - GC2] - APPROVED; COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)
COMPLETION INTERVAL	[4/20/2022 - G56] - WILL BE NCT 165' FB PER OPERATOR;
HYDRAULIC FRACTURING	<p>[4/13/2022 - 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: OCCEWEB.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 - 31783	[4/20/2022 - G56] - (UNIT) N2 4-17N-12E EST MID-GLENN POOL, GLENN SAND UNIT NO. 1 FOR GLNN