

API NUMBER: 045 23908

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

Approval Date: 07/03/2023

Expiration Date: 01/03/2025

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 17N Range: 24W County: ELLIS

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 250 800

Lease Name: JACKIE 14/11 MD Well No: 1H Well will be 250 feet from nearest unit or lease boundary.

Operator Name: MEWBOURNE OIL COMPANY Telephone: 9035612900 OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY

TYLER, TX 75701-8644

TRC OKLAHOMA RANCH, LLC

PO BOX 787

ASHLAND KS 67831

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

Name	Code	Depth
1 CHEROKEE	404CHRK	10300

Spacing Orders: 727243

Location Exception Orders: 727883

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 20692

Ground Elevation: 2299

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 540

Deep surface casing has been approved

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)

PIT 1 - 1B SOIL COMPACTION - TO NOTIFY DISTRICT FOR TESTING. PIT 2 - CLOSED SYSTEM=STEEL PITS. OBM R

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.

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:** ogallala**PIT 2 INFORMATION****Type of Pit System:** CLOSED Closed System Means Steel Pits**Type of Mud System:** OIL BASED

Chlorides Max: 300000 Average: 200000

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:** ogallala**PIT 3 INFORMATION****Type of Pit System:** ON SITE**Type of Mud System:** OIL BASED

Chlorides Max: 300000 Average: 200000

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:** 3**Liner required for Category:** 3**Pit Location is:** BED AQUIFER**Pit Location Formation:** OGALLALA**HORIZONTAL HOLE 1**

Section: 11 Township: 17N Range: 24W Meridian: IM

Total Length: 9902

County: ELLIS

Measured Total Depth: 20692

Spot Location of End Point: W2 NE NW NW

True Vertical Depth: 10300

Feet From: **NORTH** 1/4 Section Line: 330End Point Location from
Lease, Unit, or Property Line: 330Feet From: **WEST** 1/4 Section Line: 800**NOTES:**

Category	Description
DEEP SURFACE CASING	[6/27/2023 - GE7] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	<p>[6/27/2023 - GE7] - 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>
LOCATION EXCEPTION - 727883 (2022-002308)	<p>[6/30/2023 - GE7] - (I.O.) 11 & 14-17N-24W X727243 CHRK COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 660' FWL MEWBOURNE OIL COMPANY 08/25/2022</p>
MEMO	<p>PITS 1, 2, & 3 - PIT 1 - 1B MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER, PIT 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR FOR OBM FLUID, PIT 3 - 3 MIN. 20-MIL LINED BERM FOR OBM CUTTINGS, CUTTINGS PERMITTED PER DISTRICT VIA FORM 1014X</p>
SPACING - 727243	<p>[6/30/2023 - GE7] - (1280)(HOR) 11 & 14-17N-24W VAC 192760 CHRK VAC 604203 CHRK VAC 579038/642726 CHRK EST CHRK COMPL. INT. NCT 660' FB</p>