

API NUMBER: 045 23858

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

Approval Date: 03/28/2022

Expiration Date: 09/28/2023

Horizontal Hole

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 31 Township: 18N Range: 24W County: ELLIS

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 390 1160

Lease Name: WORD 31/30 PA

Well No: 1H

Well will be 390 feet from nearest unit or lease boundary.

Operator Name: MEWBOURNE OIL COMPANY

Telephone: 9035612900

OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY

3620 OLD BULLARD RD

TYLER, TX 75701-8644

WORD BROTHERS

P.O. BOX 443

ARNETT OK 73832

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

Name	Code	Depth
1 CHEROKEE	404CHRK	10080

Spacing Orders: 723900

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202200235

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 20172

Ground Elevation: 2109

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 440

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:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 22-38200

H. (Other)

SEE MEMO

### 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: rush springs

### 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: RUSH SPRINGS

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.

# HORIZONTAL HOLE 1

Section: 30      Township: 18N      Range: 24W      Meridian: 1M      Total Length: 9533  
County: ELLIS      Measured Total Depth: 20172  
Spot Location of End Point: W2      NW      NE      NE      True Vertical Depth: 10080  
Feet From: **NORTH**      1/4 Section Line: 330      End Point Location from  
Feet From: **EAST**      1/4 Section Line: 1160      Lease,Unit, or Property Line: 330

## NOTES:

Category	Description
DEEP SURFACE CASING	[3/24/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[3/24/2022 - 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>
MEMO	[3/24/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202200235	<p>[3/28/2022 - GB1] - (I.O.) 30 &amp; 31-18N-24W  X723900 CHRK  COMPL INT (31-18N-24W) NCT 330' FSL, NCT 660' FEL  COMPL INT (30-18N-24W) NCT 330' FNL, NCT 660' FEL  NO OP NAMED  REC 2/14/22 (THOMAS)</p>
SPACING - 723900	<p>[3/28/2022 - GB1] - (1280)(HOR) 30 &amp; 31-18N-24W  VAC 589515 CHRK 30-18N-24W  EST CHRK  COMPL INT NCT 660' FB  (COEXIST SP 131528 CHRK 31-18N-24W)</p>

