

API NUMBER: 045 23864

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

Approval Date: 05/31/2022
Expiration Date: 11/30/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 05 Township: 18N Range: 24W County: ELLIS

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 650 1525

Lease Name: THELMA 8/17 DM Well No: 3H Well will be 650 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

PATRICIA KRIER AND GERALD KRIER, JOINT TENANTS
974 CR X
ASHLAND KS 67831

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

Name	Code	Depth
1 CHEROKEE	404CHRK	9880

Spacing Orders: 599494
585788

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202201901
202201903
202201904
202201905

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21605 Ground Elevation: 2268

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 560

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: 22-38329
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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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.

MULTI UNIT HOLE 1						
Section: 17	Township: 18N	Range: 24W	Meridian: IM		Total Length: 9945	
County: ELLIS				Measured Total Depth: 21605		
Spot Location of End Point:	E2	SW	SW	SW	True Vertical Depth: 9880	
Feet From: SOUTH		1/4 Section Line: 330			End Point Location from	
Feet From: WEST		1/4 Section Line: 490			Lease,Unit, or Property Line: 330	

NOTES:

Category	Description
DEEP SURFACE CASING	[5/20/2022 - 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>[5/20/2022 - 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: OCCWEB.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>
MEMO	[5/20/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - MOSQUITO CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202201901	<p>[5/31/2022 - G56] - (E.O.) 8 & 17-18N-24W EST MULTIUNIT HORIZONTAL WELL X599494 CHRK 8-18N-24W X585788 CHRK 17-18N-24W 50% 8-18N-24W 50% 17-18N-24W NO OP NAMED REC 5/26/2022 (HUBER)</p>
PENDING CD - 202201903	<p>[5/31/2022 - G56] - (E.O.) 8 & 17-18N-24W X599494 CHRK 8-18N-24W X585788 CHRK 17-18N-24W COMPL INT (8-18N-24W) NCT 330' FNL, NCT 0' FSL, NCT 440' FWL COMPL INT (17-18N-24W) NCT 0' FNL, NCT 330' FSL, NCT 440' FWL NO OP NAMED REC 5/26/2022 (HUBER)</p>
PENDING CD - 202201904	<p>[5/31/2022 - G56] - (E.O.) 8-18N-24W X599494 CHRK 2 WELLS NO OP NAMED REC 5/26/2022 (HUBER)</p>
PENDING CD - 202201905	<p>[5/31/2022 - G56] - (E.O.) 17-18N-24W X585788 CHRK 2 WELLS NO OP NAMED REC 5/26/2022 (HUBER)</p>
SPACING - 585788	<p>[5/31/2022 - G56] - (640)(HOR) 17-18N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB</p>
SPACING - 599494	<p>[5/31/2022 - G56] - (640)(HOR) 8-18N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB (COEXIST WITH PROD NON HOR DR & SP UNITS, SUPERCEDE NON DEVELOPED NON HOR DR & SP UNITS)</p>

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045 23864 THELMA 8/17 DM 3H

