

API NUMBER: 045 23844

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

Approval Date: 09/14/2021
Expiration Date: 03/14/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 150 1150

Lease Name: THELMA 8/17 AP Well No: 1H Well will be 150 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

DAVIS AND DAUGHTERS INVESTMENTS, LLC
151 WINDWOOD LANE
HOHENWALD TN 38462

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

Name	Code	Depth
1 CHEROKEE	404CHRK	9880

Spacing Orders: 599494 Location Exception Orders: 719047 Increased Density Orders: No Density
585788
719046

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special

Total Depth: 20104 Ground Elevation: 2300 Surface Casing: 1999 Depth to base of Treatable Water-Bearing FM: 590

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: 21-37819
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: 9866		
County: ELLIS				Measured Total Depth: 20104		
Spot Location of End Point: C	S2	S2	SE	True Vertical Depth: 9880		
Feet From: SOUTH	1/4 Section Line: 330			End Point Location from		
Feet From: EAST	1/4 Section Line: 1320			Lease, Unit, or Property Line: 330		

NOTES:

Category	Description
DEEP SURFACE CASING	[9/10/2021 - 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>[9/10/2021 - 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 6000NH 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>
LOCATION EXCEPTION - 719047	<p>[9/14/2021 - GB1] - (I.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 900' FEL COMPL INT (17-18N-24W) NCT 0' FNL, NCT 330' FSL, NCT 900' FEL MEWBOURNE OIL COMPANY 6/22/21</p>
MEMO	[9/10/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - MOSQUITO CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 585788	<p>[9/14/2021 - GB1] - (640)(HOR) 17-18N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)</p>
SPACING - 599494	<p>[9/14/2021 - GB1] - (640)(HOR) 8-18N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)</p>
SPACING - 719046	<p>[9/14/2021 - GB1] - (I.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 MEWBOURNE OIL COMPANY 6/22/21</p>

