

API NUMBER: 045 23907

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

Approval Date: 06/23/2023

Expiration Date: 12/23/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 32 Township: 19N Range: 24W County: ELLIS

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 250 1060

Lease Name: MEMPHIS 32/5 DM

Well No: 2H

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

GEORGE MILLER

788 VENTANA RIDGE

PALM SPRINGS CA 92262

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

Name	Code	Depth
1 CHEROKEE	404CHRK	9700

Spacing Orders: 594268
593745
735188

Location Exception Orders: 735190

Increased Density Orders: 735192
735194

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 19603

Ground Elevation: 2351

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:

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

PERMIT NO: 23-39049

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST

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: 5	Township: 18N	Range: 24W	Meridian: IM	Total Length: 9502
County: ELLIS				Measured Total Depth: 19603
Spot Location of End Point: SE	SE	SW	SW	True Vertical Depth: 9990
Feet From: SOUTH	1/4 Section Line: 300			End Point Location from
Feet From: WEST	1/4 Section Line: 1060			Lease, Unit, or Property Line: 300

NOTES:

Category	Description
DEEP SURFACE CASING	[6/21/2023 - 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	[6/21/2023 - GE7] - OCC 165:10-3-10 REQUIRES: 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; 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, 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
INCREASED DENSITY - 735192	[6/23/2023 - G56] - 5-18N-24W X594268 CHRK 1 WELL MEWBOURNE OIL CO 6/21/2023
INCREASED DENSITY - 735194	[6/23/2023 - G56] - 32-19N-24W X593745 CHRK 1 WELL MEWBOURNE OIL CO 6/21/2023
LOCATION EXCEPTION - 735190	[6/23/2023 - G56] - (I.O.) 5-18N-24W & 32-19N-24W X594268 CHRK 5-18N-24W X593745 CHRK 32-19N-24W COMPL INT (5-18N-24W) NCT 330' FNL, NCT 0' FSL, NCT 660' FWL COMPL INT (32-19N-24W) NCT 0' FNL, NCT 330' FSL, NCT 660' FWL MEWBOURNE OIL CO 6/21/2023
SPACING - 593745	[6/22/2023 - G56] - (640)(HOR) 32-19N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB (COEXIST WITH PRODUCING NON HOR DR & SP UNITS, SUPERSEDE NON DEVELOPED NON HOR DR & SP UNITS)
SPACING - 594268	[6/22/2023 - G56] - (640)(HOR) 5-18N-24W EST CHRK, OTHERS COMPL INT NCT 660' FB (COEXIST WITH PRODUCING NON HOR DR & SP UNITS, SUPERSEDE NON DEVELOPED NON HOR DR & SP UNITS)
SPACING - 735188	[6/23/2023 - G56] - (I.O.) 5-18N-24W & 32-19N-24W EST MULTIUNIT HORIZONTAL WELL X594268 CHRK 5-18N-24W X593745 CHRK 32-19N-24W 50% 5-18N-24W 50% 32-19N-24W MEWBOURNE OIL CO 6/21/2023

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.

045 23907 MEMPHIS 32/5 DM 2H