

API NUMBER: 045 23873

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

Approval Date: 09/20/2022

Expiration Date: 03/20/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 20N Range: 23W County: ELLIS

SPOT LOCATION: S2 N2 NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 400 1980

Lease Name: JEFFERY DALE 21/16 ND

Well No: 1HC

Well will be 400 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

JEFFERY DALE WAYLAND

68996 S. COUNTY ROAD 174

SHATTUCK OK 73858

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

Name	Code	Depth
1 CLEVELAND	405CLVD	8300

Spacing Orders: 726223
134675
70058

Location Exception Orders: 726224

Increased Density Orders: 725975
725976

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 19077

Ground Elevation: 2444

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 710

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: 22-38576

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: 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

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: 16	Township: 20N	Range: 23W	Meridian: IM	Total Length: 10272
County: ELLIS				Measured Total Depth: 19077
Spot Location of End Point: N2	N2	NW	NW	True Vertical Depth: 8300
Feet From: NORTH	1/4 Section Line: 165		End Point Location from	
Feet From: WEST	1/4 Section Line: 660		Lease, Unit, or Property Line: 165	

NOTES:

Category	Description
DEEP SURFACE CASING	[9/13/2022 - 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>[9/13/2022 - 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: OCCEWEB.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>
INCREASED DENSITY - 725975	<p>[9/20/2022 - GB1] - 21-20N-23W X70058 CLVD 1 WELL MEWBOURNE OIL COMPANY 6/6/2022</p>
INCREASED DENSITY - 725976	<p>[9/20/2022 - GB1] - 16-20N-23W X134675 CLVD 1 WELL MEWBOURNE OIL COMPANY 6/6/2022</p>
LOCATION EXCEPTION - 726224	<p>[9/20/2022 - GB1] - (I.O.) 16 & 21-20N-23W X134675 CLVD 16-20N-23W X70058 CLVD 21-20N-23W COMPL INT (21-20N-23W) NCT 165' FSL, NCT 0' FNL, NCT 600' FWL COMPL INT (16-20N-23W) NCT 0' FSL, NCT 165' FNL, NCT 600' FWL NO OP NAMED 6/16/2022</p>
MEMO	[9/13/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 134675	<p>[9/20/2022 - GB1] - (640) 16-20N-23W EXT OTHERS EXT 70058/131326 CLVD EST OTHERS</p>
SPACING - 70058	<p>[9/20/2022 - GB1] - (640) 21-20N-23W EXT OTHER EST CLVD, OTHERS</p>
SPACING - 726223	<p>[9/20/2022 - GB1] - (I.O.) 16 & 21-20N-23W EST MULTIUNIT HORIZONTAL WELL X134675 CLVD 16-20N-23W X70058 CLVD 21-20N-23W 50% 16-20N-23W 50% 21-20N-23W MEWBOURNE OIL COMPANY 6/16/2022</p>

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