

API NUMBER: 045 23880

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

Approval Date: 12/01/2022

Expiration Date: 06/01/2024

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 02 Township: 18N Range: 24W County: ELLIS

SPOT LOCATION: S2 S2 S2 SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 1320

Lease Name: ANNE 2/35 MD Well No: 1H 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
3620 OLD BULLARD RD
TYLER, TX 75701-8644ANNE PORTER BERRYMAN
PO BOX 97
MIDWAY KY 40347

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

Name	Code	Depth
1 CHEROKEE	404CHRK	9600

Spacing Orders: 727280

Location Exception Orders: 728252

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 19700 Ground Elevation: 2417

Surface Casing: 1010

Depth to base of Treatable Water-Bearing FM: 760

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: 22-38635

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

HORIZONTAL HOLE 1

Section: 35 Township: 19N Range: 24W Meridian: IM

Total Length: 9572

County: ELLIS

Measured Total Depth: 19700

Spot Location of End Point: C N2 N2 NW

True Vertical Depth: 9600

Feet From: NORTH 1/4 Section Line: 330

End Point Location from

Feet From: WEST 1/4 Section Line: 1320

Lease, Unit, or Property Line: 330

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.

Additional Surface Owner(s)	Address	City, State, Zip
GEORGE CHANDLER BERRYMAN	PO BOX 131	CASCADE, CO 80909
GEORGE CHANDLER BERRYMAN	PO BOX 131	ALEXANDRIA, VA 22314
GEORGE CHANDLER BERRYMAN	PO BOX 131	TULSA, OK 74119
GEORGE CHANDLER BERRYMAN	PO BOX 131	TULSA, OK 74119

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[11/14/2022 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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 - 728252 (CD2022-002489)	<p>[12/1/2022 - GB6] - (I.O.) 2-18N-24W & 35-19N-24W X727280 CHRK COMPL. INT. (2-18N-24W) NCT 330' FSL, NCT 660' FWL COMPL. INT. (35-19N-24W) NCT 330' FNL, NCT 660' FWL MEWBOURNE OIL COMPANY 09/08/2022</p>
MEMO	[11/14/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 727280 (CD2022-002488)	<p>[12/1/2022 - GB6] - (1280)(HOR) 2-18N-24W & 35-19N-24W EST CHRK COMPL. INT. NCT 660' FB</p>
SURFACE CASING	[11/14/2022 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 11-18N-24W