

API NUMBER: 045 23894 A

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

Approval Date: 03/27/2023

Expiration Date: 09/27/2024

Horizontal Hole Oil & Gas

Amend reason: MOVED SHL & CHANGED PITS DISPOSAL
METHOD

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 18N Range: 24W County: ELLIS

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 50 1250

Lease Name: DAUGHTERS 4/33 MD Well No: 1H Well will be 50 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

DAVIS AND DAUGHTERS INVESTMENTS, LLC

131 COURTYARD LANE

HOHENWALD TN 38462

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

Name	Code	Depth
1 CHEROKEE	404CHRK	9650

Spacing Orders: 729975

Location Exception Orders: 730579

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 19858

Ground Elevation: 2317

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 610

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. (Other)

SEE MEMO

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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.

PIT 1 INFORMATION

Type of Pit System: ON SITE
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: 1B
Liner required for Category: 1B
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

PIT 3 INFORMATION

Type of Pit System: ON SITE
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: 3
Liner required for Category: 3
Pit Location is: AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Section: 33	Township: 19N	Range: 24W	Meridian: IM	Total Length: 9613
	County: ELLIS			Measured Total Depth: 19858
Spot Location of End Point: E2	NE	NW	NW	True Vertical Depth: 9650
Feet From: NORTH	1/4 Section Line:	330		End Point Location from
Feet From: WEST	1/4 Section Line:	1280		Lease, Unit, or Property Line: 330

NOTES:

Category	Description
DEEP SURFACE CASING	[3/24/2023 - GC2] - 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	<p>[3/24/2023 - 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 - 730579 (CD2021-003009)	<p>[3/24/2023 - GB7] - (I.O.) 4-18N-24W & 33-19N-24W X729975 CHRK COMPL INT NCT 330' FSL, NCT 660' FWL (4-18N-24W) COMPL INT NCT 330' FNL, NCT 660' FWL (33-19N-24W) MEWBOURNE OIL COMPANY 12/13/2022</p>
MEMO	[5/3/2023 - GC2] - PITS 1, 2, & 3 - PIT 1 - 1B MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER, PIT 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR FOR OBM FLUID, PIT 3 - 3 MIN. 20-MIL LINED BERM FOR OBM CUTTINGS, CUTTINGS PERMITTED PER DISTRICT VIA FORM 1014X
SPACING - 729975	<p>[3/24/2023 - GB7] - (1280)(HOR) 4-18N-24W & 33-19N-24W EST CHRK VAC 593851 CHRK (4-18N-24W) VAC 597343 CHRK (33-19N-24W) COMPL INT NCT 660' FB (COEXIST WITH SP# 400115 CHRK (4-18N-24W) & SP# 92369 CHSDS (33-19N-24W))</p>