

API NUMBER: 139 24646 A

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

Approval Date: 05/31/2022  
Expiration Date: 11/30/2023

Directional Hole Oil & Gas

Amend reason: MOVED SURFACE HOLE LOCATION

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 34 Township: 5N Range: 13EC County: TEXAS

SPOT LOCATION: ☐ NW ☐ SE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 761 1678

Lease Name: WEST HOUGH MORROW UNIT Well No: 8 Well will be 801 feet from nearest unit or lease boundary.

Operator Name: BREITBURN OPERATING LP Telephone: 7134378000 OTC/OCC Number: 23249 0

BREITBURN OPERATING LP  
1111 BAGBY ST STE 1600  
HOUSTON, TX 77002-2547

ALLIE M MITCHELL HEIRS  
C/O MARVIN LUNSFORD  
1915 CHISHOLM DR.  
GUYMON OK 73942

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

Name	Code	Depth
1 MORROW	402MRRW	6155

Spacing Orders: 65740  
61971

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 6460 Ground Elevation: 3340

Surface Casing: 1650

Depth to base of Treatable Water-Bearing FM: 550

Deep surface casing has been approved

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 22-38314

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: PLEISTOCENE

**DIRECTIONAL HOLE 1**

Section: 34 Township: 5N Range: 13E Meridian: CM  
County: TEXAS

Measured Total Depth: 6460

Spot Location of End Point: NW SW NE NE

True Vertical Depth: 6400

Feet From: NORTH 1/4 Section Line: 939

Feet From: EAST 1/4 Section Line: 1112

End Point Location from  
Lease, Unit, or Property Line: 939

**NOTES:**

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.

Category	Description
DEEP SURFACE CASING	[5/13/2022 - 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>[5/13/2022 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 61971	[5/27/2022 - G56] - (UNIT) 34-5N-13ECM EST WEST HOUGH MORROW UNIT FOR MRRWA
SPACING - 65740	[5/27/2022 - G56] - (UNIT) 34-5N-13ECM X61971/VAR/61974 ALLOWS COMMINGLE OF 2 OR MORE MRRW CSS IN WEST HOUGH MORROW UNIT

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139 24646 WEST HOUGH MORROW UNIT 8