

API NUMBER: 011 24319

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

Approval Date: 05/06/2022
Expiration Date: 11/06/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 30 Township: 15N Range: 11W County: BLAINE

SPOT LOCATION: SW NE NW NW
FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 415 672

Lease Name: ALTA BIA 1511 Well No: 4-31-30MXH Well will be 415 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 8666622378 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
990 TOWN & COUNTRY BLVD
HOUSTON, TX 77024-2217

DAVID ENNEN
ROUTE 1 BOX 24
GREEFIELD OK 73048

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

Name	Code	Depth
1 MISSISSIPPI	351MISS	11817

Spacing Orders: 725312

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202101523

Working interest owners' notified: ***

Special Orders: No Special

202101526

Total Depth: 23105

Ground Elevation: 1614

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 40

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: 22-38259

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 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: DOG CREEK

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 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: DOG CREEK

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.

HORIZONTAL HOLE 1

Section: 31	Township: 15N	Range: 11W	Meridian: IM	Total Length: 10326
	County: BLAINE			Measured Total Depth: 23105
Spot Location of End Point: SE	SW	SE	SW	True Vertical Depth: 12325
Feet From: SOUTH		1/4 Section Line: 50		End Point Location from
Feet From: WEST		1/4 Section Line: 1720		Lease, Unit, or Property Line: 50

NOTES:

Category	Description
DEEP SURFACE CASING	[5/5/2022 - 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>[5/5/2022 - 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>
MEMO	[5/5/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202101523	<p>[5/6/2022 - G56] - 30 & 31-15N-11W X725312 3 WELLS NO OP NAMED REC 4/12/2022 (HUBER)</p>
PENDING CD - 202101526	<p>[5/6/2022 - G56] - (I.O.) 30 & 31-15N-11W X725312 MISS*** COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 990' FWL NO OP NAMED REC 4/12/2022 (HUBER)</p> <p>*** WILL BE ADDED IN SUBSEQUENT ORDER PER ATTORNEY FOR OPERATOR;</p>
SPACING - 725312	<p>[5/6/2022 - G56] - (1280)(HOR) 30 & 31-15N-11W EST MISS COMPL INT NLT 660' FB (COEXIST WITH SP # 579470 MISS, # 657613 MSSP)</p>

