

API NUMBER: 011 24318

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: 19 Township: 15N Range: 11W County: BLAINE

SPOT LOCATION: SW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 242 2345

Lease Name: ALTA BIA 1511 Well No: 3-31-30MXH Well will be 242 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

CLARA FRANCES HODGENS
P. O. BOX 686
STROUD OK 74709

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

Name	Code	Depth
1 MISSISSIPPI	351MISS	11787

Spacing Orders: 725312 Location Exception Orders: No Exceptions Increased Density Orders: No Density

Pending CD Numbers: 202101525 Working interest owners' notified: *** Special Orders: No Special
202101523

Total Depth: 22362 Ground Elevation: 1668 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: 22-38258
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: 10325	
	County: BLAINE			Measured Total Depth: 22362	
Spot Location of End Point: SW	SW	SW	SE	True Vertical Depth: 12327	
Feet From: SOUTH		1/4 Section Line: 50		End Point Location from	
Feet From: EAST		1/4 Section Line: 2530		Lease,Unit, or Property Line: 50	

Additional Surface Owner(s)	Address	City, State, Zip
CLARA FRANCES HODGENS	P. O. BOX 686	STROUD, OK 74709

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	[5/5/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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, 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
MEMO	[5/5/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202101525	[5/6/2022 - G56] - 30 & 31-15N-11W X725312 3 WELLS NO OP NAMED REC 4/12/2022 (HUBER)
PENDING CD - 202101527	[5/6/2022 - G56] - (I.O.) 30 & 31-15N-11W X725312 MISS*** COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 1320' FEL NO OP NAMED REC 4/12/2022 (HUBER) *** WILL BE ADDED IN SUBSEQUENT ORDER PER ATTORNEY FOR OPERATOR;
SPACING - 725312	[5/6/2022 - G56] - (1280)(HOR) 30 & 31-15N-11W EST MISS COMPL INT NLT 660' FB (COEXIST WITH SP # 579470 MISS, # 657613 MSSP)

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.

WELL LOCATION

ALTA BIA 1511 3-31-30 MXH
MARATHON OIL COMPANY
SECTION 19, TOWNSHIP 15N, RANGE 11W, I.M.
BLAINE COUNTY, OKLAHOMA

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- TOWNSHIP/RANGE LINE
- 16TH LINE
- PROPOSED WELL BORE



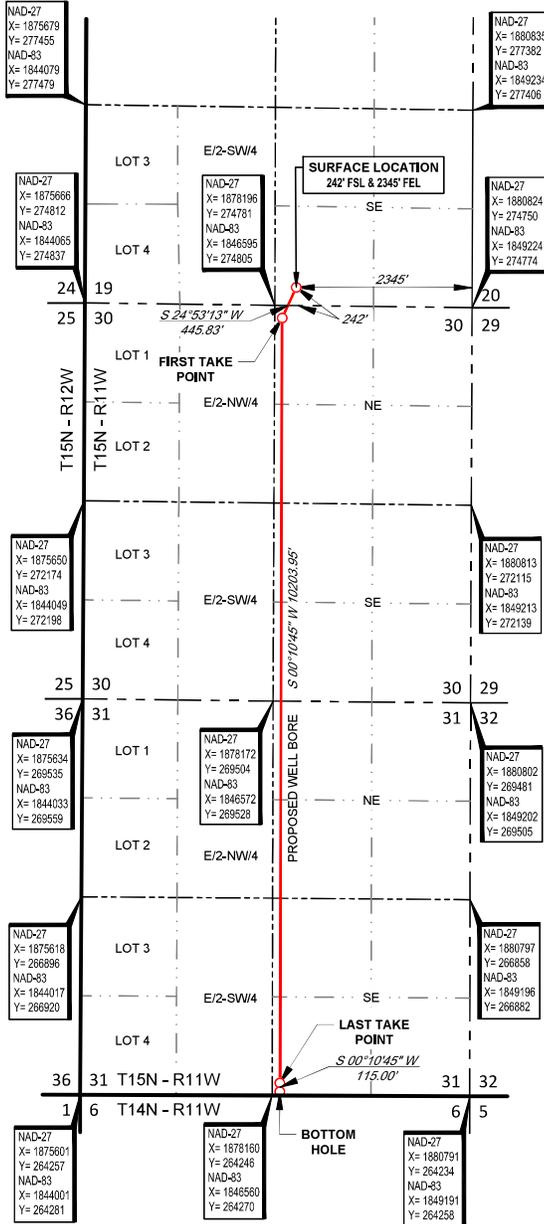
SCALE: 1" = 2000'
0' 1000' 2000'

SURFACE LOCATION
242' FSL & 2345' FEL
NAD-27
X= 1878481
Y= 275019
LAT.: 35°45'17.4"N
LONG.: 98°24'34.3"W
LAT.: 35.754827° N
LONG.: 98.409537° W
ELEV.: 1668' (NGVD29)
NAD-83
X= 1846881
Y= 275043
LAT.: 35°45'17.5" N
LONG.: 98°24'35.6" W
LAT.: 35.754872° N
LONG.: 98.409885° W
ELEV.: 1668' (NAVD88)

FIRST TAKE POINT
165' FNL & 2530' FEL
NAD-27
X= 1878293
Y= 274615
LAT.: 35°45'13.4"N
LONG.: 98°24'36.6"W
LAT.: 35.753713° N
LONG.: 98.410164° W
NAD-83
X= 1846693
Y= 274639
LAT.: 35°45'13.5" N
LONG.: 98°24'37.8" W
LAT.: 35.753759° N
LONG.: 98.410512° W

LAST TAKE POINT
165' FSL & 2530' FEL
NAD-27
X= 1878261
Y= 264411
LAT.: 35°43'32.5"N
LONG.: 98°24'36.5"W
LAT.: 35.725681° N
LONG.: 98.410127° W
NAD-83
X= 1846661
Y= 264435
LAT.: 35°43'32.6" N
LONG.: 98°24'37.7" W
LAT.: 35.725727° N
LONG.: 98.410474° W

BOTTOM HOLE
50' FSL & 2530' FEL
NAD-27
X= 1878261
Y= 264296
LAT.: 35°43'31.3"N
LONG.: 98°24'36.5"W
LAT.: 35.725365° N
LONG.: 98.410126° W
NAD-83
X= 1846661
Y= 264320
LAT.: 35°43'31.5" N
LONG.: 98°24'37.7" W
LAT.: 35.725411° N
LONG.: 98.410473° W



SURVEYOR'S CERTIFICATE:

I, T. WAYNE FISCH, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

T. Wayne Fisch, P.L.S. No. 1378

Authorized Agent of Topographic Land Surveyors

LEASE NAME & WELL NO. ALTA BIA 1511 3-31-30 MXH

SECTION 19 TWP 15N RGE 11W MERIDIAN I.M.
COUNTY BLAINE STATE OKLAHOMA
DESCRIPTION 242' FSL & 2345' FEL

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

DATE:	REVISION:		NOTES:
	INT	DATE	
05/24/2021			1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES, OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988. 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988. 4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MARATHON OIL COMPANY ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY. 5. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. 6. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
FILE:LO_ALTA_BIA_1511_3-31-30_MXH			
DRAWN BY: KEU			
SHEET: 1 OF 2			