

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No. **NMNM91071**
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **MARATHON OIL PERMIAN LLC**3a. Address **990 TOWN & COUNTRY BLVD, HOUSTON, TX** 3b. Phone No. (include area code) **(713) 296-2113**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 8/T23S/R27E/NMP

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
CROSSBOW WC FED COM/703H9. API Well No. **3001548714**10. Field and Pool or Exploratory Area
PURPLE SAGE/WOLFCAMP11. Country or Parish, State
EDDY/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Updated previously approved sundry ID 2738286
5/31/2023 Spud Well. Drilling 17.5" hole

DRILL OPS SUMMARY-SURFACE CASING

5/31/2023 TD 17.5" hole @ 570'. RIH w/ 13 jts 13.375", 54.5#, J55, BTC csg & set @ 547'. Mix & pump 795 sxs 1.32 yld, 14.8 ppg, Class C cmt. Displace w/ 200 BW. Circ 425 sxs cmt to surface. 5/31/2023 Test csg to 1500 for 30 mins. Held OK.

DRILL OPS SUMMARY-INTERMEDIATE I CASING

(6/10/2023-6/16/2023) TD 12.25" hole @ 8400'. RIH w/ 192 jts 9.625", 40#, P110HC, BTC csg & set @ 8385'. Mix & pump lead: 1265 sxs, 3.06 yld, 10.5 ppg, Class C cmt. Mix & pump tail: 785 sxs, 1.33 yld, 14.8 ppg, Class C cmt. Displace w/ 629 BW. Circ 715 sxs to surface.
6/16/2023 Test csg to 4000 for 30 mins. Held OK.

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
TERRI STATHEM / Ph: (713) 296-2113Title **Regulatory Compliance Manager**

Signature (Electronic Submission)

Date **10/28/2024****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / AcceptedTitle **Petroleum Engineer**Date **10/30/2024**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CARLSBAD**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information**Additional Remarks**

DRILL OPS SUMMARY-PRODUCTION CASING

(6/17/2023-6/26/2023) TD 8.75" hole @ 19228'. RIH w/ 420 jts 5.5", 23#, P110EC, VTC csg & set @ 19218. Mix & pump lead: 1183 sxs, 1.14 yld, 12.0 ppg. Class H cmt. Mix & pump tail: 3461 sxs, 1.11 yld, 14.5 ppg, Class H cmt. Displace w/ 407 BW. Circ 394 sxs to surface.

6/26/2023 Release Rig

10/18/2023 Test production casing to 13000# for 30 mins- Held, OK.

Location of Well

0. SHL: NENE / 1266 FNL / 486 FEL / TWSP: 23S / RANGE: 27E / SECTION: 8 / LAT: 32.3232477 / LONG: -104.2049856 (TVD: 0 feet, MD: 0 feet)

PPP: SENE / 1980 FNL / 330 FEL / TWSP: 23S / RANGE: 27E / SECTION: 8 / LAT: 32.3206521 / LONG: -104.2049149 (TVD: 8804 feet, MD: 8898 feet)

PPP: LOT 2 / 2321 FNL / 1282 FWL / TWSP: 23S / RANGE: 27E / SECTION: 7 / LAT: 32.3202172 / LONG: -104.2335462 (TVD: 8997 feet, MD: 13894 feet)

BHL: LOT 2 / 1980 FNL / 330 FWL / TWSP: 23S / RANGE: 27E / SECTION: 7 / LAT: 32.3201763 / LONG: -104.2366287 (TVD: 8985 feet, MD: 18944 feet)

Well Name: CROSSBOW WC FED
COM**Well Location:** T23S / R27E / SEC 8 /
NENE / 32.3232477 / -104.2049856**County or Parish/State:** EDDY /
NM**Well Number:** 703H**Type of Well:** CONVENTIONAL GAS
WELL**Allottee or Tribe Name:****Lease Number:** NMNM91071**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3001548714**Operator:** MARATHON OIL PERMIAN
LLC**Subsequent Report****Sundry ID:** 2819299**Type of Submission:** Subsequent Report**Type of Action:** Drilling Operations**Date Sundry Submitted:** 10/28/2024**Time Sundry Submitted:** 07:39**Date Operation Actually Began:** 05/31/2023

Actual Procedure: Updated previously approved sundry ID 2738286 5/31/2023 Spud Well. Drilling 17.5" hole DRILL OPS SUMMARY-SURFACE CASING 5/31/2023 TD 17.5" hole @ 570'. RIH w/ 13 jts 13.375", 54.5#, J55, BTC csg & set @ 547'. Mix & pump 795 sxs 1.32 yld, 14.8 ppg, Class C cmt. Displace w/ 200 BW. Circ 425 sxs cmt to surface. 5/31/2023 Test csg to 1500 for 30 mins. Held OK. DRILL OPS SUMMARY-INTERMEDIATE I CASING (6/10/2023-6/16/2023) TD 12.25" hole @ 8400'. RIH w/ 192 jts 9.625", 40#, P110HC, BTC csg & set @ 8385'. Mix & pump lead: 1265 sxs, 3.06 yld, 10.5 ppg, Class C cmt. Mix & pump tail: 785 sxs, 1.33 yld, 14.8 ppg, Class C cmt. Displace w/ 629 BW. Circ 715 sxs to surface. 6/16/2023 Test csg to 4000 for 30 mins. Held OK. DRILL OPS SUMMARY-PRODUCTION CASING (6/17/2023-6/26/2023) TD 8.75" hole @ 19228'. RIH w/ 420 jts 5.5", 23#, P110EC, VTC csg & set @ 19218. Mix & pump lead: 1183 sxs, 1.14 yld, 12.0 ppg. Class H cmt. Mix & pump tail: 3461 sxs, 1.11 yld, 14.5 ppg, Class H cmt. Displace w/ 407 BW. Circ 394 sxs to surface. 6/26/2023 Release Rig 10/18/2023 Test production casing to 13000# for 30 mins- Held, OK.

Well Name: CROSSBOW / C FED COM	Well Location: T23S / R27E / SEC 8 / NENE / 32.3232477 / -104.2049856	County or Parish/State: EDDY / NM
Well Number: 703H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM91071	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548714	Operator: MARATHON OIL PERMIAN LLC	

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: TERRI STATHEM

Signed on: OCT 28, 2024 07:39 PM

Name: MARATHON OIL PERMIAN LLC

Title: Regulatory Compliance Manager

Street Address: 990 TOWN & COUNTRY BLVD

City: HOUSTON

State: TX

Phone: (713) 296-2113

Email address: TSTATHEM@MARATHONOIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 10/29/2024

Signature: Jonathon Shepard

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 397406

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 397406
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	None	10/31/2024