

**Well Name:** PIEROGI BS FEDERAL  
COM**Well Location:** T24S / R28E / SEC 34 /  
SWSE / 32.168602 / -104.0725072**County or Parish/State:** EDDY /  
NM**Well Number:** 502H**Type of Well:** OIL WELL**Allottee or Tribe Name:****Lease Number:** NMNM17222**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3001548476**Operator:** MARATHON OIL PERMIAN  
LLC

### Subsequent Report

**Sundry ID:** 2802205**Type of Submission:** Subsequent Report**Type of Action:** Drilling Operations**Date Sundry Submitted:** 07/22/2024**Time Sundry Submitted:** 12:54**Date Operation Actually Began:** 03/13/2024

**Actual Procedure:** 3/13/2024-MIRU 3/13-Spud Well 3/12-3/13-Drill 17-1/2" Surface hole T/485'. Run 13-3/8" surface casing, 54.5#, J-55, BTC T/474'. Cement surface casing by pumping 20 bbl's gel spacer. Pump 693 sks, 1.33 yield, Class C cement, No cement back to surface. Tested surface casing, 30 min test, 1500 psi, held good test. Skid off 3/24/- Skid rig on. Run CBL, TOC @ 264'. Pump cement top off, 400 sks, 1.33 yield, Class C, 5 bbl's to surface 3/25-3/30- Drill 12-1/4" Intermediate hole T/7,670'. Run 9-5/8" Intermediate casing, 40#, P110, BTC T/7,656'. Cement Intermediate casing by mixing and pumping 25 bbl's of spacer. Pump 981 sks, 3.91 yield, Class C lead cement and 522 sks, 1.33 yield, Class C tail cement. 274 bbl's cement back to surface. Tested Intermediate casing, 30 min test, 4,000 psi, held, good test. 3/25-Skid rig off 4/27-Skid rig on 4/28-4/29- Drill 8-3/4" Production vertical and curve T/8,826'. 4/30-5/4- Drill 8-1/2" Production hole T/24, 068'. TD reached @ 24.068' on 5/4 5/5-5/6- Run 5-1/2" Production casing, 23#, P110, VTC T/24, 054', Pump Production cement by mixing and pumping 50 bbl's spacer. Pump 1,027 sks, 1.68 yield, Class C lead cement and 3,840 sks, 1.35 yield, Class H tail cement. 150 bbls of cement circulated to surface. 5/6- Pressure testing for production casing will be performed during completion. Release rig. RDMO

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SWSE / 32.168602 / -104.0725072

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NM

**Well Number:** 502H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM17222

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3001548476

**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:** KRYSTAL BARTHOLOMEW

**Signed on:** JUL 22, 2024 12:54 PM

**Name:** MARATHON OIL PERMIAN LLC

**Title:** Adv Regulatory Compliance Representative

**Street Address:** 990 TOWN AND COUNTRY BLVD

**City:** HOUSTON

**State:** TX

**Phone:** (713) 296-2539

**Email address:** KBARTHOLOMEW@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:** 07/23/2024

**Signature:** Jonathon Shepard

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM17222
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. PIEROGI BS FEDERAL COM/502H
2. Name of Operator MARATHON OIL PERMIAN LLC		9. API Well No. 3001548476
3a. Address 990 TOWN & COUNTRY BLVD, HOUSTON, TX	3b. Phone No. (include area code) (713) 296-2113	10. Field and Pool or Exploratory Area WILLOW LAKE WEST/BONE SPRING
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 34/T24S/R28E/NMP		11. 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 recompleate 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 perfonned 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 recompleation 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.)

3/13/2024-MIRU  
3/13-Spud Well  
3/12-3/13-Drill 17-1/2 Surface hole T/485. Run 13-3/8 surface casing, 54.5#, J-55, BTC T/474. Cement surface casing by pumping 20 bbls gel spacer. Pump 693 sks, 1.33 yield, Class C cement, No cement back to surface. Tested surface casing, 30 min test, 1500 psi, held good test. Skid off  
3/24-Skid rig on. Run CBL, TOC @ 264. Pump cement top off, 400 sks, 1.33 yield, Class C, 5 bbls to surface  
3/25-3/30- Drill 12-1/4 Intermediate hole T/7,670. Run 9-5/8 Intermediate casing, 40#, P110, BTC T/7,656. Cement Intermediate casing by mixing and pumping 25 bbls of spacer. Pump 981 sks, 3.91 yield, Class C lead cement and 522 sks, 1.33 yield, Class C tail cement. 274 bbls cement back to surface. Tested Intermediate casing, 30 min test, 4,000 psi, held, good test.  
3/25-Skid rig off  
4/27-Skid rig on  
4/28-4/29- Drill 8-3/4 Production vertical and curve T/8,826.  
Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) KRYSTAL BARTHOLOMEW / Ph: (713) 296-2539	Title Adv Regulatory Compliance Representative
Signature (Electronic Submission)	Date 07/22/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by  JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted	Petroleum Engineer	07/24/2024
	Title	Date
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

4/30-5/4- Drill 8-1/2 Production hole T/24, 068. TD reached @ 24.068 on 5/4

5/5-5/6- Run 5-1/2 Production casing, 23#, P110, VTC T/24, 054, Pump Production cement by mixing and pumping 50 bbls spacer. Pump 1,027 sks, 1.68 yield, Class C lead cement and 3,840 sks, 1.35 yield, Class H tail cement. 150 bbls of cement circulated to surface.

5/6- Pressure testing for production casing will be performed during completion. Release rig. RDMO

### Location of Well

0. SHL: SWSE / 816 FSL / 1859 FEL / TWSP: 24S / RANGE: 28E / SECTION: 34 / LAT: 32.168602 / LONG: -104.0725072 ( TVD: 0 feet, MD: 0 feet )

PPP: SESE / 1343 FSL / 400 FEL / TWSP: 24S / RANGE: 28E / SECTION: 34 / LAT: 32.1702236 / LONG: -104.0678063 ( TVD: 9535 feet, MD: 10782 feet )

PPP: SESE / 100 FSL / 400 FEL / TWSP: 24S / RANGE: 28E / SECTION: 34 / LAT: 32.1668074 / LONG: -104.0677749 ( TVD: 9535 feet, MD: 10057 feet )

BHL: NWNE / 100 FNL / 1620 FEL / TWSP: 24S / RANGE: 28E / SECTION: 34 / LAT: 32.1810214 / LONG: -104.0679057 ( TVD: 9535 feet, MD: 14657 feet )

CONFIDENTIAL

**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 370118

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 370118
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Please submit reported CBL.	10/30/2024
matthew.gomez	PT details for the production casing must be submitted on the next drilling sundry.	10/30/2024