

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.  
NMNM12846

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
SCR2778. Well Name and No.  
FED 15 COM A 019. API Well No.  
30-025-27153-00-S110. Field and Pool or Exploratory Area  
E BOOTLEG RIDGE11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MARATHON OIL PERMIAN LLC

Contact: ADRIAN COVARRUBIAS

E-Mail: acovarrubias@marathonoil.com

3a. Address

5555 SAN FELIPE STREET  
HOUSTON, TX 77056

3b. Phone No. (include area code)

Ph: 713.296.3368

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 15 T22S R33E NWSE 1980FSL 1980FEL

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 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 checked="" 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 determined that the site is ready for final inspection.

Marathon Oil Permian LLC is requesting approval to recompleat well as follows:

POOH with Tubing

1. Rig up Pulling Unit. Bleed down via the gas compressor and sales line. Kill well. Install Hydraulic BOP and choke manifold diverting system.

2. Come off On-Off tool

3. Allow well to U-Tube by opening up back side (the backside is full of packer fluid, and the formation will likely not be able to support a full column of fluid)

4. Get back on On-Off tool

5. Release Arrow Set Packer

6. POOH with tubing following tubing pull SOP  
Set CIBP

FOR RECORD ONLY

KF

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #533203 verified by the BLM Well Information System

For MARATHON OIL PERMIAN LLC, sent to the Hobbs

Committed to AFMSS for processing by PRISCILLA PEREZ on 10/08/2020 (21PP0156SE)

Name (Printed/Typed) ADRIAN COVARRUBIAS

Title REGULATORY PROFESSIONAL

Signature (Electronic Submission)

Date 10/07/2020

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JONATHON SHEPARD

Title PETROELUM ENGINEER

Date 10/29/2020

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 Hobbs

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)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## **Additional data for EC transaction #533203 that would not fit on the form**

### **32. Additional remarks, continued**

7. RU Yellow Jacket WL and RIH past 11,245? with 4.5? gauge ring and junkbasket.
8. RIH 4.5? CIBP and set no shallower than 11,245?
9. Dumpbail 35? of Class H CMT CIBP (2.4 sxs). TOC @ 11,210?
- RIH with Tie Back Liner and Packer
10. RIH with packer and 9,500? 4.5? tie back liner
11. Pour/pump 2% KCl with Packer fluid down back side
- ? Leave as little pressure on the backside as possible ? we do not trust the DV tool to hold any pressure
12. Pressure test tie back liner to 10,000psi to confirm there is no casing or packer leak
- Perforations
13. Rig up wireline and test lubricator
14. Make up gamma-CCL and simulation BHA
15. Run in hole and correlate gamma, verifying correlation with both engineer and geologist (See attached workflow)
16. Pull out of hole and lay down simulation BHA and make up perforation BHA
17. Run in hole with gun. Perforate.
- ? Gun Run #1: 10,900? ? 10,925? (25?) \*\*\*NOTE DISTANCE FROM GAMMA SENSOR TO TOP SHOT\*\*\*
- ? Gun Run #2: 10,105? ? 10,130? (25?) \*\*\*NOTE DISTANCE FROM GAMMA SENSOR TO TOP SHOT\*\*\*
18. POOH and Rig Down.
- Frac
19. Rig up frac equipment/wellhead
20. Frac well according to pump schedule
- Flowback
21. Rig down Frac Equipment
22. Flowback well

## Revisions to Operator-Submitted EC Data for Sundry Notice #533203

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	RCMPL NOI	PLUGBACK NOI
Lease:	NMNM12846	NMNM12846
Agreement:		SCR277 (NMNM72228)
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713.296.3368
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713.296.3368
Location: State: County:	NM LEA	NM LEA
Field/Pool:	MORROW AND ATOKA	E BOOTLEG RIDGE
Well/Facility:	FEDERAL 15 A COM 1 Sec 15 T22S R33E Mer NMP NWSE 1980FSL 1980FEL	FED 15 COM A 01 Sec 15 T22S R33E NWSE 1980FSL 1980FEL

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### Conditions of Approval for Permanent Abandonment of a Production Zone

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
4. Cement Requirement: Sufficient cement shall be used to bring any required plug to the approved depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement (or 35 feet with a bailer). Before pumping cement on top of CIBP, a tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary. Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
5. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date work was completed. If plugging back to a new zone submit a Completion Report (Form 3160-4) with the Subsequent Report.
6. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
7. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.