

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.  
NMNM93772

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
W SHUGART 19 FED 4

9. API Well No.  
30-015-30647-00-S1

10. Field and Pool or Exploratory Area  
SHUGART

11. County or Parish, State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
MARATHON OIL PERMIAN LLC  
Contact: ADRIAN COVARRUBIAS  
E-Mail: ADRIAN.COVARRUBIAS@ARCADIS.COM

3a. Address  
5555 SAN FELIPE ST  
HOUSTON, TX 77056  
3b. Phone No. (include area code)  
Ph: 8067526153

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 19 T18S R31E SWSW Lot 4 660FSL 660FWL

**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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recomplete 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 recompletion 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 has successfully abandoned this well as per the following time line:

11/15/19: MIRU. Tag up at 7516'.  
11/16/19: Tag at 7516'. Found CSG collar at 7492'. Set CIBP at 7501'. Make up BHA. Tag CIBP at 7505'.  
11/17/19: Spot 25 SKS Class H 15.8 PPG T/ 7291'. M/P MLF F/ 5933' T/ 7291'. Perforate at 5933'. Unable to establish injection rate. Spot 35 SKS Class C 14.8 PPG T/ 5633'.  
11/18/19: Tag TOC at 5670'. M/P MLF. Perforate at 5115'. Unable to establish injection rate. Spot 35 SKS Class C 14.8 PPG T/ 4801'. M/P MLF F/ 4460' T/ 4801'.  
11/19/2019: Tag TOC at 4982'. Good to proceed with perforate and squeeze. Perforate at 4460'. Unable to establish injection rate. Spot 45 SKS Class C 14.8 PPG T/ 4098'.  
11/20/2019: Perforate at 2858'. Established rate of 3 BPM at 350 PSI. Spot 60 SKS Class C 14.8 PPG

GC 12/18/19  
Accepted for record - NMOCD

**NM OIL CONSERVATION  
ARTESIA DISTRICT  
DEC 16 2019  
RECEIVED**

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

**Electronic Submission #494937 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 12/09/2019 (19PP2944SE)**

Name (Printed/Typed) ADRIAN COVARRUBIAS	Title ENVIRONMENTAL ENGINEER
Signature (Electronic Submission)	Date 12/09/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	Title DEBORAH MCKINNEY LEGAL INSTRUMENTS EXAMINER	Date 12/11/2019
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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.

**Additional data for EC transaction #494937 that would not fit on the form**

**32. Additional remarks, continued**

T/ 2600'. Tag TOC at 2671'. M/P MLF.  
11/21/2019: Perforate at 1970' - due to collar at 1980'. Established rate of 2.5 BPM at 400 PSI.  
Spot 35 SKS Class C 14.8 PPG F/ 1970' T/ 1831'. WOC. Tag TOC at 1933'. Gabriel (BLM) requested another perforate and squeeze. Attempted to perforate - failed.  
11/22/2019: Tag TOC at 1839'. M/P MLF. Perforate at 550'. Established injection rate of 2.5 BPM at 400 PSI. Attempt to squeeze 150 SKS Class C 14.8 PPG per Gabriel (BLM). Squeeze only 40 SKS Class C 14.8 PPG due to pump malfunction. Tag TOC at 379'. Perforate at 100'.  
11/23/2019: Establish injection rate of 2 BPM at 250 PSI. Spot 60 SKS Class C 14.8 PPG T/ surface. Squeeze 25 more SKS into surface. Spot another 15 SKS - verified good cement to surface.

OIL CONSERVATION  
PROJECT/OPERATION  
NOV 18 2019  
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**Revisions to Operator-Submitted EC Data for Sundry Notice #494937**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD SR	ABD SR
Lease:	NMNM93772	NMNM93772
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713.629 6600
Admin Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS ENVIRONMENTAL ENGINEER E-Mail: ADRIAN.COVARRUBIAS@ARCADIS.COM  Ph: 8067526153
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS ENVIRONMENTAL ENGINEER E-Mail: ADRIAN.COVARRUBIAS@ARCADIS.COM  Ph: 8067526153
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	SHUGART	SHUGART
Well/Facility:	SHUGART WEST 19 FEDERAL 4 Sec 19 T18S R31E Mer NMP SWSW 660FSL 660FWL	W SHUGART 19 FED 4 Sec 19 T18S R31E SWSW Lot 4 660FSL 660FWL