

NM OIL CONSERVATION  
ARTESIA DISTRICTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 05 2018

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.  
NMLC028990A

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**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
MARATHON OIL PERMIAN LLCContact: MELISSA SZUDERA  
E-Mail: mszudera@marathonoil.com8. Well Name and No.  
SHUGART WEST 24 FEDERAL G 29. API Well No.  
30-015-31742-00-S13a. Address  
5555 SAN FELIPE ST  
HOUSTON, TX 770563b. Phone No. (include area code)  
Ph: 713-296-317910. Field and Pool or Exploratory Area  
SHUGART

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

Sec 24 T18S R30E NWSE 2440FSL 1550FEL

11. County or Parish, State  
EDDY COUNTY, 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 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 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.

Please see attachments for daily reports.

8/3/2018 - 8/16/2018 Performed several attempts to set CIBP. Discovered set of perfs with top being at 8194'.

GC 9-7-18  
Accepted for record - NMOCD

8/16 RIH and set CIBP at 8144' POOH RDWL.

8/17 Lay down 1 joint. Circulate 200 bbls of mud (50sx salt gel), pressure up on CIBP and held for 15 minutes. Spot 25 sx of cement, PUH to 6750?. WOC. RIH tag TOC at 7801?, lay down to 7000?. Spot 40 sx of cement at 7000?.

8/20 RIH with tubing, no tag at 7,000?. WOO from BLM RIH to 7737 with 21 joints and tubing LD 1

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

**Electronic Submission #433327 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/30/2018 (18ZS0118SE)**

Name (Printed/Typed) MELISSA SZUDERA

Title REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 08/30/2018

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

Approved By

**ACCEPTED**JAMES A AMOS  
Title SUPERVISORY PET

Date 09/05/2018

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)

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

## **Additional data for EC transaction #433327 that would not fit on the form**

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

joint. Circulate hole with 150 bbls pressure test to 500 PSI. Notify BLM - Spot 25 sx cement with 1 sx cal chlor, PUH with 20 stands, SWI.

8/21 RIH with tubing tag TOC at 7015 with 219 joints lay down 1 joint. Spot 25 sx cement with cal chlor, POOH with 20 stands. WOC. RIH with tubing to TOC at 6870 with 214 joints. Good tag. POOH with 62 stands. Spot 25 sx cement with 1 cal chlor. POOH with 20 stands.

8/22 RIH w/tbg to tag TOC @ 6773 jts 212. POOH rocking back tbg 106 stands. RUWL. RIH & perf @ 6350 POOH & RDWL. RIH w/128 jnts tbg to 6050 set pkr. Attempt inj rate, held 1000psi, Perf 50? higher @ 6300. RUWL, RIH & perf @ 6300 POOH w/WL. LD 2 jnts set pkr @ 5938 w/185 jnts. Est inj rate @ 2bpm w/400psi. Sqz 45sx cmt & SWI.

8/23 RUWL, RIH and tag TOC at 5980?, POOH RD wireline. POOH with tubing the remove pkr. RIH with tubing, tag TOC at 5982?, POOH to retrieve pkr. RUWL, RIH and perf at 5896, POOH. RIH with 172 joints to 5521 and set pkr. Sqz 40 sx cement.

8/24 Tag with the tubing. RIH 8 joints and pkr tag at 5650?, 176 joints total. Lay down 53 joints set pkr at 3948 123 joints. RU with wireline, tag at 3848 POOH. POOH with tubing 123 joints, remove perforated sub pluggers. RU wireline perf at 4376, POOH with wireline. RIH with 123 joints to 3948?, set pkr. sqz 50 sx cement.

8/25 RIH with tubing, 4 joints tag at 4076?, 127 joints total, lay down 27 joints, spot 50 sx cement, tag at 3214?, to 2753?, WOC and tag. POOH 50 stands in derrick WOC. RIH with tubing tag at 2696, 84 joints, lay down set pkr at 1476?, 46 joints. RU with wireline, perf at 1476, POOH with wireline. Pressure up to 1000 PSI, held well for 15 minutes, drop down to 1908?, 59 joints, spot 25 sx cement.

8/26 RIH with tubing to tag TOC at 1728, 54 joints, POOH with tubing and 5 stands. Lay down 44 joints RU with wireline perf at 804?, POOH with wireline. RIH 5 ? pkr and 11 joints set pkr at 353?. perf at 680?. POOH with tubing to remove pkr. RIH with tubing, open ending to 834?, 26 joints. Spot 30 sx cement, POOH with tubing and WOC. WOC RIH with tubing TOC at 588?, 19 joints, lay down 19 joints and re-test of the derrick 26 joints total. RU with wireline perf at 100, POOH with wireline, pick up pkr set pkr 32 ?and circulate out 8 5/8 casing.

8/27 - Set pkr, 1 joint attempt to injection rate 2 ? BPM 150 PSI sqz 60 sx cement to surface in and out 5 ? lay down pkr top off well with cement. RD unit and P&A equipment.

## Revisions to Operator-Submitted EC Data for Sundry Notice #433327

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD SR	ABD SR
Lease:	NMLC028990A	NMLC028990A
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713-296-3179	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713.629 6600
Admin Contact:	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com  Ph: 713-296-3179	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com  Ph: 713-296-3179
Tech Contact:	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com  Ph: 713-296-3179	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com  Ph: 713-296-3179
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	SHUGART	SHUGART
Well/Facility:	SHUGART WEST 24 G FEDERAL 2 Sec 24 T18S R30E Mer NMP NWSE 2440FSL 1550FEL	SHUGART WEST 24 FEDERAL G 2 Sec 24 T18S R30E NWSE 2440FSL 1550FEL