

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.*

**HOBBS OCD**  
**OCT 07 2019**  
**RECEIVED**

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM13422A
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: jvancuren@marathonoil.com		6. If Indian, Allottee or Tribe Name
3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056	3b. Phone No. (include area code) Ph: 713-296-3368	7. If Unit or CA/Agreement, Name and/or No. SW1077
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T19S R32E NWSE 1650FSL 1650FEL		8. Well Name and No. DOROTHY MCKAY 1
		9. API Well No. 30-025-25220-00-S1
		10. Field and Pool or Exploratory Area LUSK
		11. County or Parish, State LEA 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 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 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 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 determined that the site is ready for final inspection.

Marathon has successfully abandoned this well as per the following time line:

09/15/2019: MIRU  
09/16/2019: N/U and test BOPE. Release PKR.  
09/17/2019: Attempt to circulate clean fluid.  
09/18/2019: Set CIBP at 12,450'. Tag CIBP at 12,445'. M/P 7 BBLS MLF.  
09/19/2019: Spot 35 SKS Class H F/ 11,455' T/ 11,970'. M/P 10.5 BBLS MLF. Spot 25 SKS Class H F/ 11,491' T/ 11,148'. M/P 10.5 BBLS MLF. Spot 25 SKS Class H F/ 10,467' T/ 10,124'.  
09/20/2019: Spot 25 SKS Class H F/ 7,314' T/ 6,971'. Spot 25 SKS Class C F/ 5,369' T/ 5,229'.  
Perforate at 4,145'. Establish injection rate of 2.5 BPM at 300 PSI. Squeeze 50 SKS Class C F/ 4,145' T/ 3,900'. RD to rework location.  
09/27/2019: MIRU. Attempt to tag cement with TBG - TBG stuck.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #486408 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/03/2019 (19PP2180SE)</b>	
Name (Printed/Typed) ADRIAN COVARRUBIAS	Title CTR - TECHNICIAN HES
Signature (Electronic Submission)	Date 10/03/2019

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

Approved By <b>ACCEPTED</b>	Title DEBORAH MCKINNEY LEGAL INSTRUMENTS EXAMINER	Date 10/04/2019
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 \*\***

*XZ NMCD 10-7-19*

**FOR RECORD ONLY**

**Additional data for EC transaction #486408 that would not fit on the form**

**32. Additional remarks, continued**

09/28/2019: Tag TOC at 3,910'. Pat McKelvey and Jim Amos(BLM) approved to perforate through the TBG and circulate. Perforate at 2,847'. Establish circulation rate of 2 BPM at 1800 PSI. Spot 40 SKS Class C. WOC. Tag TOC at 2,557'. Perforate at 1,166'. Establish injection rate of 2 BPM at 950 PSI.

09/29/2019: Tag TOC at 957'. Pull up and cut TBG at 502'. Established injection rate of 3 BPM at 900 PSI - full returns down production and up intermediate and surface. Spot 261 SKS Class C 14.8 PPG T/ surface. RDMO.

**Revisions to Operator-Submitted EC Data for Sundry Notice #486408**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD SR	ABD SR
Lease:	NMNM13422A	NMNM13422A
Agreement:		SW1077 (NMNM71951)
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 CTR - TECHNICIAN HES E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com  Ph: 713-296-3368
Tech Contact:	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com  Ph: 713-296-3368
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	LUSK; MORROW (GAS)	LUSK
Well/Facility:	DOROTHY MCKAY 1 Sec 9 T19S R32E Mer NMP NWSE 1650FSL 1650FEL	DOROTHY MCKAY 1 Sec 9 T19S R32E NWSE 1650FSL 1650FEL