

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.  
NMNM138836

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 ☐ Other

8. Well Name and No.

MAZER RACKHAM 20 WB FED COM 4H

2. Name of Operator

MARATHON OIL PERMIAN LLC

Contact: ADRIAN COVARRUBIAS

E-Mail: acovarrubias@marathonoil.com

9. API Well No.

30-015-46149-00-X1

3a. Address

5555 SAN FELIPE ST  
HOUSTON, TX 77056

3b. Phone No. (include area code)

Ph: 713.296.3368

10. Field and Pool or Exploratory Area

PADUCA-DELAWARE  
PURPLE SAGE-WOLFCAMP (GAS)

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

Sec 20 T26S R29E NENE 965FNL 600FEL  
32.032902 N Lat, 104.000351 W Lon

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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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.

MIRU. 12/25/2019 ? Notify BLM of intent to spud well. 12/26 ? Spud Well. Drill 17-1/2? hole to 437?. Notify BLM of intent to run & cement 13-3/8? csg. 12/27 ? Run 13-3/8? csg, 54.5#, J55, STC to 437?. Cement csg by pumping 40 bbls spacer, and 455 sks of tail cement, with 196 sks of cement to surface. RD. 2/12/2020 ? RU. 2/13 ? Notify BLM of intent to perform BOPE test. Test BOPE. Pressure test 13-3/8? csg to 1500 psi for 30 min, 10 psi drop, good test. 2/14 ? Drill cement, shoe track, and 10? of new formation. Drill 12-1/4? intermediate to 2869?. Flow check. TOH. 2/15 ? Run 9-5/8?, 40#, J55, LTC to 2854?. Cement casing by pumping 50 bbls of spacer, 795 sks of lead cement, and 195 sks of tail cement, with 469 sks of cement to surface. 2/16 ? Pressure test 9-5/8? csg to 2100 psi for 30 min, 28 psi drop, good test. Drill cement, shoe track, and 10? new formation. Drill 8-3/4? section to 9270?. 2/20 - Flow check and circulate bottoms up. 2/21 ? Run 7?, 29#, P110, VA Roughneck to 9255?. 2/22 ? Cement csg by pumping 40 bbls of spacer, 820 sks of lead cement, and 150 sks of tail cement, with 186 sks of cement to surface. Pressure test 7? csg to 6000 psi for 30 min,

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

**Electronic Submission #504674 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 02/27/2020 (20PP1373SE)**

Name (Printed/Typed) ADRIAN COVARRUBIAS

Title REGULATORY PROFESSIONAL

Signature (Electronic Submission)

Date 02/27/2020

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

Approved By

**ACCEPTED**JONATHON SHEPARD  
Title PETROLEUM ENGINEER

Date 02/28/2020

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 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 \*\***

Accepted for Record 03/25/2020 - KMS NMOCD

**Additional data for EC transaction #504674 that would not fit on the form**

**32. Additional remarks, continued**

held, good test.

## Revisions to Operator-Submitted EC Data for Sundry Notice #504674

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM138836	NMNM138836
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 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:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PURPLE SAGE; WOLFCAMP	PADUCA-DELAWARE PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	MAZER RACKHAM 20 WB FED COM 4H Sec 20 T26S R29E Mer NMP NENE 965FNL 660FEL	MAZER RACKHAM 20 WB FED COM 4H Sec 20 T26S R29E NENE 965FNL 600FEL 32.032902 N Lat, 104.000351 W Lon