

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.
NMNM138836

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MAZER RACKHAM 20 WA FED COM 6H

2. Name of Operator **MARATHON OIL PERMIAN LLC** Contact: **ADRIAN COVARRUBIAS**
E-Mail: **acovarrubias@marathonoil.com**

9. API Well No.
30-015-46147-00-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
PURPLE SAGE-WOLFCAMP (GAS)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**Sec 20 T26S R29E NENE 965FNL 630FEL
32.032902 N Lat, 104.000160 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 Drilling Operations |
| | <input type="checkbox"/> Change Plans | <input 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.

MIRU. 12/25/2019 ? Spud Well. Drill 17-1/2? hole to 437?. Run 13-3/8? csg, 54.5#, J55, STC, to 437?. 12/26 ? Cement csg by pumping 40 bbls of spacer and 455 sks of tail cement with 196 sks of cement to surface. RD. 2/2/2020 ? RU. Notify BLM of intent to perform BOPE test. 2/3 ? Perform BOPE test. 2/4 ? Pressure test 13-3/8? csg to 1500 psi for 30 min, 10 psi drop, good test. Drill cement, shoe track, and 10? of new formation to 465?. Drill 12-1/4? section to 2839?. 2/5 ? Run 9-5/8? csg, 40#, J55, LTC, to 2824?. 2/6 ? Cement 9-5/8? csg by pumping 50 bbls spacer, 795 sks of lead cement, and 195 sks of tail cement with 474 sks of cement to surface. Pressure test csg to 2100 psi for 30 min, 37 psi drop, good test. Drill cement, shoe track, and 10? of new formation to 2849?. 2/7 ? Drill 8-3/4? section to 9240?. 2/10 ? Flow check well and circulate. Notified BLM of intent to run and cement 7? csg. 2/11 ? Run 7? csg, 29#, P110, VA Roughneck, to 9225?. Cement csg by pumping 40 bbls spacer, 820 sks of lead cement, and 150 sks of tail cement with no cement to surface. Notify BLM of cement results and intent to run temperature log. TOC 5650?. 2/22 ? Perform cement squeeze

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

**Electronic Submission #504587 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 02/26/2020 (20PP1364SE)**

Name (Printed/Typed) **ADRIAN COVARRUBIAS**

Title **REGULATORY PROFESSIONAL**

Signature (Electronic Submission)

Date **02/26/2020**

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 ****

Additional data for EC transaction #504587 that would not fit on the form

32. Additional remarks, continued

job by pumping 20 bbls spacer, and 1000 sks of cement to surface.

Revisions to Operator-Submitted EC Data for Sundry Notice #504587

| | 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 | PURPLE SAGE-WOLFCAMP (GAS) |
| Well/Facility: | MAZER RACKHAM 20 WA FED COM 6H Sec 20 T26S R29E Mer NMP NENE 965FNL 600FEL | MAZER RACKHAM 20 WA FED COM 6H Sec 20 T26S R29E NENE 965FNL 630FEL 32.032902 N Lat, 104.000160 W Lon |