

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.
NMNM86024

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BLUE STEEL 21 WXY FEE 6H9. API Well No.
30-015-45893-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MARATHON OIL PERMIAN LLCContact: ADRIAN COVARRUBIAS
E-Mail: ADRIAN.COVARUBIAS@ARCADIS.COM3a. Address
5555 SAN FELIPE ST
HOUSTON, TX 770563b. Phone No. (include area code)
Ph: 8067526153

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

Sec 28 T23S R29E NWNW 270FNL 1195FWL
32.282478 N Lat, 103.994614 W Lon

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. 8/25/2019 ? Notified BLM of intent to spud and upcoming casing and cement job. Spud well. Drill 17 ?? hole to 375?. Run 13 3/8? csg. 8 jts. 54 5#, J55, STC to 371?. Cement casing by pumping 30 bbls of spacer, 490 sks of lead cement with 211 sks of cement to surface. Cement job witnessed by BLM. Install valves and TA cap. 9/30 ? Notify BLM of BOP test. 10/1 ? Perform BOP test. Pressure test 13 3/8? csg to 1500 psi for 30 min, held, good test. 10/2 ? Notified BLM of intent to run and cement 9 5/8? csg. Drill float equipment, cement and 10? of new formation to 385?. Drill 12 ?? to 2995?. Flow check. Run 9 5/8? csg. 74 jts. 40#, J55 LTC to 2980?. 10/4 ? Cement casing by pumping 20 bbls of spacer, 920 sks, of lead cement, 200 sks of tail cement, with 444 sks of cement to surface. 11/17 ? Pressure test 9 5/8? csg to 2100 psi for 30 min, 50 psi drop, good test. Drill cement shoe track and 10? of new formation to 3005?. Drill 8 ?? vertical section to 9456?. 11/19 ? Flowcheck, circulate. TOOH to BHA. PU 8 ?? curve BHA. TIH to 9356?. Re-log gamma from 9356? to 9456?. 11/20 ? Drill 8 ?? curve to 10285?. 11/21 ? Flow check, circulate TOOH to BHA. TIH with 8 ??

GC 12/18/19
Accepted for record - NMOCNM OIL CONSERVATION
ARTESIA DISTRICT
DEC 16 2019
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14. I hereby certify that the foregoing is true and correct.

Electronic Submission #495153 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 12/10/2019 (20PP0623SE)

Name (Printed/Typed) ADRIAN COVARRUBIAS

Title ENVIRONMENTAL ENGINEER

Signature (Electronic Submission)

Date 12/10/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 12/10/2019

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 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 #495153 that would not fit on the form

32. Additional remarks, continued

lateral to 10185?. Re-log gamma from 10185? to 10285?. 11/22 ? Drill 8 ?? lateral to 13975?. 11/26
? TOOH to BHA. PU 8 ?? lateral. TIH to 13875?. Re-log gamma from 13875? to 13975?. 11/27 ? Drill 8
?? lateral to 20073?. 12/3 ? Flowcheck. Strip out of hole. 12/5 ? Run 5 ??, 483 jts, 20#, P110
Roughneck to 20055?. 12/6 ? Cement csg by pumping 50 bbls spacer, 1685 sks of lead cement, 3055 sks
of tail cement, with no cement to surface. Liner pressure test will be done during completions.
RDMO 12/7/2019.

NOTIFICATION

URGENT

DEC 10 2019

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Revisions to Operator-Submitted EC Data for Sundry Notice #495153

| | Operator Submitted | BLM Revised (AFMSS) |
|----------------|---|--|
| Sundry Type: | DRG SR | DRG SR |
| Lease: | NMNM86024 | NMNM86024 |
| 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: | PURPLE SAGE WOLFCAMP | PURPLE SAGE-WOLFCAMP (GAS) |
| Well/Facility: | BLUE STEEL 21 WXY FEE 6H Sec 28 T23S R29E Mer NMP NWNW 270FNL 1195FWL | BLUE STEEL 21 WXY FEE 6H Sec 28 T23S R29E NWNW 270FNL 1195FWL 32.282478 N Lat, 103.994614 W Lon |