

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.
NMNM86024

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.

8. Well Name and No.
BLUE STEEL 21 WXY FEE 6H

9. API Well No.
30-015-45893-00-X1

10. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)

11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MARATHON OIL PERMIAN LLC
Contact: ADRIAN COVARRUBIAS
E-Mail: ADRIAN.COVARRUBIAS@ARCADIS.COM

3a. Address
5555 SAN FELIPE ST
HOUSTON, TX 77056

3b. 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 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. 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 - NMOCED

**NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 16 2019
RECEIVED**

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.

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.

OTC OPERATIONS
OPERATIONAL
DEC 1 2019
(REMOVED)

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