

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.  
NMNM093223

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.

MADERA 19 WXY FED COM 6H

2. Name of Operator

MARATHON OIL PERMIAN LLC

Contact: MELISSA SZUDERA

E-Mail: mszudera@marathonoil.com

9. API Well No.

30-025-44902-00-X1

3a. Address

5555 SAN FELIPE STREET  
HOUSTON, TX 770563b. Phone No. (include area code)  
Ph: 713-298-317910. Field and Pool or Exploratory Area  
JABALINA

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

Sec 19 T26S R35E SESW 351FSL 1428FWL  
32.022404 N Lat, 103.410049 W Lon

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 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.

Marathon requests that well type be changed to an oil well.

MIRU. Spud on 11/2/2018. Drill 17.5? surface from 146? to 1165?. TOH from 1165 to BHA. 11/3 ? Make up shoe track and run 13 3/8? csg, 28 jts, 54.5#, J55 STC to 1155?. Shoe set @ 1155?, Float collar @ 1110?. Cement casing by pumping 30 bbls of fresh water spacer, 810sx of lead cement and 235sx of tail cement with 34sx of cement return to surface. 11/4 ? Perform BOP Test. Test 13 3/8? csg to 1500 psi for 30 min, held, good test. 11/5 ? Make up 12 ??, BHA and TIH to drill out. Drill shoe track and 10? new formation to 1175?. Drill 12 ?? hole section to 5441?. 11/6 ? Circulate hole clean, TOH to BHA. Notified BLM @ 13:00 on casing run. Run 9 5/8? csg, 289jts of 40# J55 LTC to 5431?. Sent email notifications to BLM on cement job. 11/7 ? Cement 9 5/8? csg, pump 20 bbls gel spacer, 1355sx lead cement, 320sx tail cement, with no cement to surface. 12/11 ? Pressure test 9 5/8? csg to 3020 psi for 30min, 20 psi drop, good test. 12/12 ? P/U BHA, TIH, cut drill line. Drill

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

Electronic Submission #451491 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 02/01/2019 (19PP0867SE)

Name (Printed/Typed) MELISSA SZUDERA

Title REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 01/23/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

FEB 12 2019

/s/ Jonathon Shepard

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 #451491 that would not fit on the form**

### **32. Additional remarks, continued**

cement and float equipment plus 10? of new formation to 5451?. Circulate, perform FIT. Drill 8 ?? from 5451? to 9672?. 12/14 ? Circulate bottoms up, TOH, change out BHA, TIH, Re-log gamma. 12/15 ? Drill 8 ?? from 9672? to 11990?. 12/17 ? Flow check and CBU. Lay down drill pip from 11990? to BHA. Rig up to run 7? csg. Notified BLM regarding 7? csg run @ 17:00 hrs. Run 7? csg, 130 jts, 29#, P110 VA Roughneck to 11976?. 12/18 ? Circulate hole clean. Notified BLM regarding cementing 7? casing @ 19:15. Cement 7? csg by pumping 50 bbls of dyed spacer, 715sx lead cement, 180sx tail cement with 75sx of cement return to surface. 12/20 ? Pressure test 7? csg to 6124 psi for 30min, 82 psi drop, good test. Displace well to OBM, drill shoe track and 10? new formation to 12000?. Drill 6 1/8? vertical hole to 12098?. Drill 6 1/8? curve from 12096? to 13173?. 12/21 ? Drill 6 1/8? lateral from 13173 to 13327?. Circulate bottoms up, flow check, change out BHA. Re log gamma. 12/22 ? Drill 6 1/8? lateral from 13327? to 13797?. Flow check TOH. 12/23 ? Change out BHA, TIH, re log gamma. Drill 6 1/8? lateral from 13797? to 20166?. 12/30 ? TOH, BHA, P/U 4 ?? liner to 8478. Notified BLM in regards to running 4 ?? line @ 11:40 hrs. Run 4 ?? liner, 204jts, 13.5#, P110HC to 20161?. 12/31 ? Notified BLM regarding 4 ?? cementing @ 14:00hrs. Cement 4 ?? by pumping 25 bbls GXT Spacer, 835sx of tail cement with 230sx cement to surface. Pressure test 4 ?? to 4787 psi for 30 min, held, good test. PU equipment, RDMO 1/1/2019.

Madera 19 Federal Com 26 35 19 WXY 6H				
30-025-44902				
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
11/2/2018	12/29/2018	1/1/2019	20166 / 12677	3185
Casing detail	Surface	Intermediate	Production	Liner
Date	11/3/2018	11/6/2018	12/18/2018	12/30/2018
Hole size	17 1/2	12 1/4	8 3/4	6 1/8
Casing size	13 3/8	9 5/8	7	4 1/2
Weight	54.5	40	29	13.5
Type	J55	J55	P110	P-110HC
Thread	STC	LTC	VA Roughneck	VA Roughneck
Top	0	0	0	11645
Depth (MD)	1155	5431	11976	20161
Amount jnts	28	289	130	204
Cement detail	Surface	Intermediate	Production	Liner
Date	11/3/2018	11/7/2018	12/19/2018	12/31/2018
Top depth KB	0	1280	0	11,655
Bottom depth KB	1155	5431	11976	20161
Lead sks	810	1355	715	
Yield	1.72	2.32	3.21	
Tail sks	235	320	180	835
Yield	1.34	1.33	1.18	1.22
WOC to 500 psi		5.2 hrs	5.6 hrs	
Spacer	30 bbls FW	20 bbls Gel	50 bbsl	25 bbls GTX
Class	C	C	C	G
Circulate to surface (sks)	349	0	75	230
Top meas. method	Circulate	Calculations	Circulate	Circulate
TOC	0	1280	0	11655
Pressure testing	Surface	Intermediate	Production	Liner
Date	11/4/2018	12/12/2018	12/20/2018	1/1/2019
PSI	1500	3020	6124	4787
Time (min)	30	30	30	30
Bled off	0	20	82	0
Drop	0%	1%	1%	0%
Good test	Yes	Yes	Yes	Yes

✓ ✓ ✓

