

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

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.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM93223
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: jvancuren@marathonoil.com		6. If Indian, Allottee or Tribe Name
3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056	3b. Phone No. (include area code) Ph: 713-296-3368	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T26S R35E SESW 351FSL 1368FWL 32.022404 N Lat, 103.410240 W Lon		8. Well Name and No. MADERA 19 TB FED 1H
		9. API Well No. 30-025-44899-00-X1
		10. Field and Pool or Exploratory Area WC-025 G08 S263412K
		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	Production Start-up
	<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 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.

4/14/2019 Started Frac Prep operations. 4/17/2019 Start frac stages 1-33 with 3 shots per foot for a total of 1016 shots 0.36" in size using 100 Mesh and 40/70 sand. Stimulated with 975 bbls of 15% HCl acid. 8/17/2019 opened to flowback. First oil on Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 12611-19965'. Turned over to production.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #487880 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 10/17/2019 (20PP0115SE)	
Name (Printed/Typed) ADRIAN COVARRUBIAS	Title CTR - TECHNICIAN HES
Signature (Electronic Submission)	Date 10/14/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title Accepted for Record	Date OCT 23 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.	Jonathon Shepard Carlsbad Field Office	
	Office	

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 **

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SHEET 1 OF 1
JOB No. R3817 002

Wellbore Schematic

Well Name: **MADERA 19 FEDERAL 26 35 19 TB 1H**

State/Province NEW MEXICO	Prospect Area RED HILLS	Field Name JABALINA SOUTHWEST	Well Subtype MAD 2P	Lat/Long Datum NAD 83	Latitude (°) 32.022404	Longitude (°) -103.410244
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,185.00	KB-Ground Distance (ft) 26.50		

HORIZONTAL - MADERA 19 FEDERAL 26 35 19 TB 1H, 2/20/2019 10:53:52 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
26.6	26.6	0.8	Des: Conductor Cement; Depth MD: 26.5-146.5 ftKB; Date: 6/26/2018	No.: 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 26.5-146.5 ftKB; Length: 120.00 ft
27.9	27.9	0.8		
146.7	146.7	0.8	Des: Surface Casing Cement; Depth MD: 26.5-1,187.9 ftKB; Date: 10/31/2018	No.: 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 26.5-1,187.9 ftKB; Length: 1,161.38 ft
146.4	1,143.3	0.4		
144.7	1,144.6	0.4	Des: Intermediate Casing Cement; Depth MD: 26.5-5,418.1 ftKB; Date: 11/22/2018	No.: 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.635 in; Depth MD: 26.5-5,418.1 ftKB; Length: 5,391.57 ft
146.4	1,186.3	0.3		
146.0	1,187.9	0.3	Des: Intermediate Casing Cement; Depth MD: 26.5-11,926.9 ftKB; Date: 11/29/2018	No.: 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.184 in; Depth MD: 26.5-11,926.9 ftKB; Length: 11,900.44 ft
5,376.4	5,326.6	8.7		
5,374.7	5,327.9	8.7	Des: Production Casing Cement; Depth MD: 11,600.5-20,064.0 ftKB; Date: 2/3/2019	No.: 5; Des: Production 1; OD: 4.500 in; ID: 2.000 in; Depth MD: 11,600.5-20,064.0 ftKB; Length: 8,463.54 ft
5,416.2	5,369.1	8.6		
5,416.0	6,370.7	8.5		
11,600.4	11,539.2	1.4		
11,616.2	11,555.6	1.5		
11,620.7	11,558.9	1.5		
11,623.2	11,564.1	1.5		
11,627.0	11,565.8	1.5		
11,822.0	11,822.0	1.1		
11,824.5	11,823.3	1.1		
11,826.2	11,863.9	1.2		
11,828.8	11,865.6	1.2		
12,530.2	12,536.0	90.4		
12,531.1	12,536.0	90.5		
12,496.1	12,496.1	89.9		
12,496.1	12,496.1	89.9		
12,496.2	12,496.2	89.9		
12,496.2	12,496.2	89.9		
12,496.2	12,496.2	89.9		
12,496.3	12,496.3	89.9		
12,496.3	12,496.3	89.9		
12,496.3	12,496.3	89.9		

Directions to Well: FROM THE INTERSECTION OF NM HWY 128 & NM HWY 205, HEAD SOUTH ON NM HWY 205 FOR 8.6 MILES TO BECKHAM RD. TURN RIGHT ON BECKHAM RD, HEAD SOUTHWEST FOR 2.3 MILES. KEEP LEFT AND CONTINUE FOR 3.1 MILES TO LEASE ROAD INTERSECTION. TURN RIGHT HEADING NORTH FOR 3.8 MILES TO INTERSECTION AT A CATTLE WATER STATION. TURN RIGHT, HEADING NORTH AND KEEP LEFT, PASSING A FRAC POND ON THE RIGHT, FOR 0.6 MILES TO LEASE ROAD INTERSECTION. TURN LEFT, HEADING SOUTH, FOR 0.4 MILES TO A LEASE ROAD INTERSECTION. TURN LEFT, HEADING EAST, FOR 300 FEET. THE MADERA 19 FED COM WELL LOCATIONS WILL BE TO THE LEFT ON THE NORTH SIDE.