

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM093223	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator MARATHON OIL PERMIAN LLC				Contact: ADRIAN COVARRUBIAS E-Mail: acovarrubias@marathonoil.com	
3. Address 5555 SAN FELIPE HOUSTON, TX 77056				3a. Phone No. (include area code) Ph: 713-296-3368	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 352FSL 1338FWL At top prod interval reported below Sec 19 T26S R35E Mer NMP SWSW 352FSL 1338FWL At total depth NWSW 2542FSL 348FWL				8. Lease Name and Well No. MADERA 19 WA FEDERAL COM 2H	
14. Date Spudded 10/28/2018				15. Date T.D. Reached 02/17/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/05/2019				9. API Well No. 30-025-44900	
18. Total Depth: MD 20402 TVD 12777				19. Plug Back T.D.: MD 20352 TVD 12776	
20. Depth Bridge Plug Set: MD TVD				10. Field and Pool, or Exploratory JABALINA; WOLFCAMP, SW	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD AND GR				11. Sec., T., R., M., or Block and Survey or Area Sec 19 T26S R35E Mer NMP	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)				12. County or Parish LEA	
23. Casing and Liner Record (Report all strings set in well)				13. State NM	
17. Elevations (DF, KB, RT, GL)* 3185 GL					

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1188		1045		0	
12.250	9.625 J55	40.0	0	5419		1530		0	
8.750	7.000 P110	29.0	0	12009		895		0	
6.125	4.500 P110	13.5	11668	20397		835		11668	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10467	10448						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	14990	20296	14990 TO 20296	0.360	776	ACTIVE OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
14990 TO 20296	11,430,642 LBS - 40/70; 100 MESH
14990 TO 20296	5027 BBLS - 15% HCL ACID

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/05/2019	11/15/2019	24	→	244.0	112.0	28.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI 131	678.0	→					PGW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #496826 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

KZ

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)  
**SOLD**

30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
--	-----------------------------

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SALADO	1495	5196	BRINE	SALADO	1495
BASE OF SALT	5196	5361	BRINE	BASE OF SALT	5196
BELL CANYON	5361	6655	OIL, GAS, AND WATER	BELL CANYON	5361
CHERRY CANYON	6655	7950	OIL, GAS, AND WATER	CHERRY CANYON	6655
BRUSHY CANYON	7950	9259	OIL, GAS, AND WATER	BRUSHY CANYON	7950
BONE SPRING	9259	12570	OIL, GAS, AND WATER	BONE SPRING	9259
WOLFCAMP	12570	12776	OIL, GAS, AND WATER	WOLFCAMP	12570

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7 Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #496826 Verified by the BLM Well Information System.  
 For MARATHON OIL PERMIAN LLC, sent to the Hobbs**

Name(*please print*) ADRIAN COVARRUBIAS Title REGULATORY PROFESSIONAL

Signature \_\_\_\_\_ (Electronic Submission) Date 12/20/2019

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***