

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other							6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. Other _____							7. Unit or CA Agreement Name and No.		
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: acovarrubias@marathonoil.com							8. Lease Name and Well No. MADERA 19 WB FEDERAL 5H		
3. Address 5555 SAN FELIPE HOUSTON, TX 77056					3a. Phone No. (include area code) Ph: 713-296-3368		9. API Well No. 30-025-44901		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 19 T26S R35E Mer NMP SESW 351FSL 1398FWL At top prod interval reported below Sec 19 T26S R35E Mer NMP SESW 351FSL 1398FWL At total depth Sec 18 T26S R35E Mer NMP NWSW 2312FSL 1352FWL							10. Field and Pool, or Exploratory BRADLEY; WOLFCAMP		
							11. Sec., T., R., M., or Block and Survey or Area Sec 19 T26S R35E Mer NMP		
							12. County or Parish LEA		13. State NM
14. Date Spudded 10/31/2018			15. Date T.D. Reached 01/17/2019		16. Date Completed ☐ D & A ☒ Ready to Prod. 07/27/2019		17. Elevations (DF, KB, RT, GL)* 3185 GL		
18. Total Depth: MD 20450 TVD 13036			19. Plug Back T.D.: MD 20390 TVD 13035			20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR						22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			
23. Casing and Liner Record (Report all strings set in well)									
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	1196		1045		0	
12.250	9.625 J55	40.0	0	5421		1530		0	
6.125	5.500 P110HC	23.0	0	11559		20450		10488	
8.750	7.625 P110HC	29.7	0	11997		655		0	
6.125	4.500 P110HC	15.1	11559	20432		20450		10488	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
25. Producing Intervals				26. Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) WOLFCAMP		15255	20341	15255 TO 20341		0.360	800	ACTIVE OPEN	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
15255 TO 20341		11,743,785 LBS - 40/70; 100 MESH							
15255 TO 20341		1251 BBLS - 15% HCL ACID							
28. Production - Interval A									
Date First Produced 06/04/2019	Test Date 06/12/2019	Hours Tested 24	Test Production →	Oil BBL 1232.0	Gas MCF 1517.0	Water BBL 6327.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 46	Tbg. Press. Flwg. SI	Csg. Press. 1300.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status PGW	
28a. Production - Interval B									
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	

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

ELECTRONIC SUBMISSION #507764 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SALADO	1480	5181	BRINE	SALADO	1480
BASE OF SALT	5181	5346	BRINE	BASE OF SALT	5181
BELL CANYON	5346	6641	OIL, GAS, AND WATER	BELL CANYON	5346
CHERRY CANYON	6641	7942	OIL, GAS, AND WATER	CHERRY CANYON	6641
BRUSHY CANYON	7942	9229	OIL, GAS, AND WATER	BRUSHY CANYON	7942
BONE SPRING	9229	12557	OIL, GAS, AND WATER	BONE SPRING	9229
WOLFCAMP	12557	13036	OIL, GAS, AND WATER	WOLFCAMP	13036

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 #507764 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC, sent to the Hobbs

Name (<i>please print</i>) <u>ADRIAN COVARRUBIAS</u>	Title <u>REGULATORY PROFESSIONAL</u>
Signature _____ (Electronic Submission)	Date <u>03/19/2020</u>

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.

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