

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM093223

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			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 NWSW 2312FSL 1352FWL			10. Field and Pool, or Exploratory BRADLEY; WOLFCAMP		
14. Date Spudded 10/31/2018			15. Date T.D. Reached 01/17/2019	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/27/2019	
17. Elevations (DF, KB, RT, GL)* 3185 GL		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	
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? <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)		

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	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/04/2019	06/12/2019	24	→	1232.0	1517.0	6327.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
46	SI	1300.0	→					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.	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 #507764 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	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 (please print) ADRIAN COVARRUBIAS Title REGULATORY PROFESSIONAL

Signature (Electronic Submission) Date 03/19/2020

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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