

**OCD - HOBBS**  
**04/08/2020**  
**RECEIVED**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM93223

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 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 WA FED 2H**

3. Address **5555 SAN FELIPE STREET** 3a. Phone No. (include area code)  
**HOUSTON, TX 77056** Ph: **713.296.3368**

9. API Well No.  
**30-025-44900-00-X1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Sec 19 T26S R35E Mer NMP**  
**SWSW 352FSL 1338FWL 32.022530 N Lat, 103.410797 W Lon**  
 At top prod interval reported below **Sec 19 T26S R35E Mer NMP**  
**SWSW 352FSL 1338FWL**  
 At total depth **Sec 18 T26S R35E Mer NMP**  
**NWSW 2312FSL 330FWL 32.042442 N Lat, 103.414063 W Lon**

10. Field and Pool, or Exploratory  
**JABALINA**

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 **10/28/2018** 15. Date T.D. Reached **02/17/2019** 16. Date Completed  D & A  Ready to Prod.  
**06/05/2019**

17. Elevations (DF, KB, RT, GL)\*  
**3185 GL**

18. Total Depth: MD **20402** TVD **12777** 19. Plug Back T.D.: MD **20352** TVD **12776** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**GR MUDLOG**

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	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	

24. Tubing Record

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						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP-SW			14990 TO 20296	0.000	776	ACTIVE OPEN
B) WOLFCAMP	14990	20296				
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

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

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
06/05/2019	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	678.0		244	112	28		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 #496826 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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**

**Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/07/2020 (20CRW0027SE)**

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

## Revisions to Operator-Submitted EC Data for Well Completion #496826

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM093223	NMNM93223
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713.296.3368
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713.296.3368
Well Name: Number:	MADERA 19 WA FEDERAL COM 2H	MADERA 19 WA FED 2H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 19 T26S R35E Mer NMP	Sec 19 T26S R35E Mer NMP
Surf Loc:	SWSW 352FSL 1338FWL	SWSW 352FSL 1338FWL 32.022530 N Lat, 103.410797 W Lon
Field/Pool:	JABALINA; WOLFCAMP, SW	JABALINA
Logs Run:	MUD AND GR	GR MUDLOG
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP-SW WOLFCAMP
Porous Zones:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP
Markers:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP