

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD - HOBBS  
04/08/2020  
RECEIVEDFORM 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. NMNM93223	
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				7. Unit or CA Agreement Name and No.	
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056		3a. Phone No. (include area code) Ph: 713.296.3368		8. Lease Name and Well No. MADERA 19 WA FED 2H	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 352FSL 1338FWL 32.022530 N Lat, 103.410797 W Lon Sec 19 T26S R35E Mer NMP At top prod interval reported below SWSW 352FSL 1338FWL Sec 18 T26S R35E Mer NMP At total depth NWSW 2312FSL 330FWL 32.042442 N Lat, 103.414063 W Lon				9. API Well No. 30-025-44900-00-X1	
14. Date Spudded 10/28/2018		15. Date T.D. Reached 02/17/2019		10. Field and Pool, or Exploratory JABALINA	
		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/05/2019		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	
				17. Elevations (DF, KB, RT, GL)* 3185 GL	
18. Total Depth: MD TVD		20402 12777		19. Plug Back T.D.: MD TVD	
				20352 12776	
				20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR MUDLOG				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	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

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)						

## 26. Perforation Record

## 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
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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.

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

	Operator Submitted	BLM Revised (AFMSS)
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: County: S/T/R: Surf Loc:	NM LEA Sec 19 T26S R35E Mer NMP SWSW 352FSL 1338FWL	NM LEA Sec 19 T26S R35E Mer NMP 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