

Operator

Form 3160-4
(August 2007)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 checked="" type="checkbox"/> Oil Well <input 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		7. Unit or CA Agreement Name and No.	
Contact: ADRIAN COVARRUBIAS E-Mail: acovarrubias@marathonoil.com		8. Lease Name and Well No. MADERA 19 TB FEDERAL COM 1H	
3. Address 5555 SAN FELIPE HOUSTON, TX 77056		9. API Well No. 30-025-44899	
3a. Phone No. (include area code) Ph: 713-296-3368		10. Field and Pool, or Exploratory BONE SPRING	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 19 T26S R35E Mer NMP SESW 351FSL 1368FWL At top prod interval reported below Sec 19 T26S R35E Mer NMP SESW 351FSL 1368FWL At total depth Sec 18 T26S R35E Mer NMP NWSW 2542FSL 683FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 19 T26S R35E Mer NMP	
14. Date Spudded 10/30/2018		12. County or Parish LEA	
15. Date T.D. Reached 01/30/2019		13. State NM	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/17/2019		17. Elevations (DF, KB, RT, GL)* 3185 GL	
18. Total Depth: MD TVD 20068 12537		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD AND 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	1188		1045		0	
12.250	9.625 J55	40.0	0	5418		1570		0	
8.750	7.000 P110	29.0	0	11927		825		0	
6.125	4.500 P110HC	13.5	11601	20064		785		11601	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	12378	12360						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12611	19965	12611 TO 19965	0.360	1016	ACTIVE OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
12611 TO 19965	16,515,592 LBS - 40/70; 100 MESH

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
08/18/2019	08/25/2019	24	→	3853.0	2325.0	4337.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	0	675.0	→					ACCEPTED FOR RECORD	

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 #487890 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 02/18/2020

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	1489	5190	BRINE	SALADO	1489
BASE OF SALT	5190	5355	BRINE	BASE OF SALT	5190
BELL CANYON	5355	6640	OIL, GAS, AND WATER	BELL CANYON	5355
CHERRY CANYON	6640	7942	OIL, GAS, AND WATER	CHERRY CANYON	6640
BRUSHY CANYON	7942	9244	OIL, GAS, AND WATER	BRUSHY CANYON	7942
BONE SPRING	9244	12496	OIL, GAS, AND WATER	BONE SPRING	9244

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 #487890 Verified by the BLM Well Information System.

For MARATHON OIL PERMIAN LLC, sent to the Hobbs

Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/12/2019 ()

Name (please print) ADRIAN COVARRUBIASTitle CTR - TECHNICIAN HES

Signature _____ (Electronic Submission)

Date 10/14/2019

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.

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