

JAN 15 2010

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM111533

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: MELISSA SZUDERA E-Mail: mszudera@marathonoil.com		
3. Address 5555 SAN FELIPE HOUSTON, TX 77056			3a. Phone No. (include area code) Ph: 713-296-3179		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 31 T24S R29E Mer NMP NESW 2400FSL 2183FWL At top prod interval reported below Sec 31 T24S R29E Mer NMP NESW 2400FSL 2183FWL At total depth Sec 6 T25S R29E Mer NMP SESW 332FSL 2278FWL			8. Lease Name and Well No. SWEET TEA 31 WA FEDERAL COM 8H		
14. Date Spudded 03/29/2019			15. Date T.D. Reached 05/16/2019		
18. Total Depth: MD 17174 TVD 9878			19. Plug Back T.D.: 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)		

9. API Well No. 30-015-45605

10. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T24S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
2906 GL

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	397		555		0	
12.250	9.625 J55	36.0	0	2687		840		0	
8.750	7.000 P110	29.0	0	10088		990		0	
6.125	4.500 P110	13.5	9351	17174		820		9351	

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	9667		10162 TO 17085	0.360	1056	ACTIVE OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10162 TO 17085	17,542,022 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
07/12/2019	08/16/2019	24	→	1775.0	4100.0	3285.0			FLOWS 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	SI	875.0	→					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. SI	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 #480788 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
LAMAR	2749	2800	OIL, GAS, AND WATER	LAMAR	2749
BELL CANYON	2800	3651	OIL, GAS, AND WATER	BELL CANYON	2800
CHERRY CANYON	3651	4852	OIL, GAS, AND WATER	CHERRY CANYON	3651
BRUSHY CANYON	4852	6458	OIL, GAS, AND WATER	BRUSHY CANYON	4852
BONE SPRING	6458	9667	OIL, GAS, AND WATER	BONE SPRING	6458
WOLFCAMP	9667	9878	OIL, GAS, AND WATER	WOLFCAMP	9667

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 #480788 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC, sent to the Carlsbad**

Name (please print) MELISSA SZUDERA Title REGULATORY COMPLIANCE REP

Signature _____ (Electronic Submission) Date 08/29/2019

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.

**** ORIGINAL ** ORIGINAL ****