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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

5. Lease Serial No.
NMNM111533

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
SWEET TEA 31 WA FEDERAL COM 8H9. API Well No.
30-015-4560510. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T24S R29E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DF, KB, RT, GL)*
2906 GL1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____2. Name of Operator
MARATHON OIL PERMIAN LLC Contact: MELISSA SZUDERA
E-Mail: mszudera@marathonoil.com3. Address 5555 SAN FELIPE
HOUSTON, TX 770563a. Phone No. (include area code)
Ph: 713-296-3179

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 31 T24S R29E Mer NMP
At surface NESW 2400FSL 2183FWLSec 31 T24S R29E Mer NMP
At top prod interval reported below NESW 2400FSL 2183FWLSec 6 T25S R29E Mer NMP
At total depth SESW 332FSL 2278FWL14. Date Spudded
03/29/201915. Date T.D. Reached
05/16/201916. Date Completed
☐ D & A ☒ Ready to Prod.
07/12/201918. Total Depth: MD 17174
TVD 987819. Plug Back T.D.: MD
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD AND GR22. 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	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 SZUDERATitle 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.

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