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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 15 2020

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 ☒ 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: MELISSA SZUDERA
 E-Mail: mszudera@marathonoil.com

8. Lease Name and Well No.
SWEET TEA 31 SB FEDERAL COM 7H

3. Address 5555 SAN FELIPE
HOUSTON, TX 77056

3a. Phone No. (include area code)
Ph: 713-296-3179

9. API Well No.
30-015-45606

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 31 T24S R29E Mer NMP
 At surface NESW 2400FSL 2153FWL
 Sec 31 T24S R29E Mer NMP
 At top prod interval reported below NESW 2400FSL 2153FWL
 Sec 6 T25S R29E Mer NMP
 At total depth SESW 331FSL 1980FWL

10. Field and Pool, or Exploratory
WILLOW LAKE; BONE SPRING

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

14. Date Spudded
03/27/2019

15. Date T.D. Reached
04/25/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/12/2019

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

18. Total Depth: MD 15692
TVD *8475 8466

19. Plug Back T.D.: MD 15668
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? ☒ 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	416		555		0	0
12.250	9.625 J55	36.0	0	2692		840		0	300
8.750	5.500 P110	20.0	0	15668		3000		0	211

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	8229	8210	5.5					

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	6437		8387 TO 15581	0.360	816	ACTIVE OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8387 TO 15581	13,641,431 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	08/11/2019	24	→	1866.0	2831.0	2270.0			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		670.0	→					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	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #480905 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	2738	2769	OIL, GAS, AND WATER	LAMAR	2738
BELL CANYON	2769	3652	OIL, GAS, AND WATER	BELL CANYON	2769
CHERRY CANYON	3652	4873	OIL, GAS, AND WATER	CHERRY CANYON	3652
BRUSHY CANYON	4873	6437	OIL, GAS, AND WATER	BRUSHY CANYON	4873
BONE SPRING	6437	8466	OIL, GAS, AND WATER	BONE SPRING	6437

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 #480905 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC, sent to the Carlsbad

Name (please print) MELISSA SZUDERATitle REGULATORY COMPLIANCE REPSignature (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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