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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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

9. API Well No.  
30-015-45606

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. 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.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)\*  
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

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

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

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	8929	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 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 \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***