

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0554771

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
BOOTLEGGER 21 FEDERAL COM 1H9. API Well No.
30-015-4397010. Field and Pool, or Exploratory
GETTY; BONE SPRING11. Sec., T., R., M., or Block and Survey
or Area Sec 16 T20S R29E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DE, KB, RT, GL)*
3309 KB 3284 GR20. Depth Bridge Plug Set: MD
TVD22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other *Corrected - Operator Name on Form*2. Name of Operator
MARATHON OIL PERMIAN LLC. Contact: MELISSA SZUDERA
E-Mail: mszudera@marathonoil.com3. Address 5555 SAN FELIPE STREET
HOUSTON, TX 77056 3a. Phone No. (include area code)
Ph: 713-296-31794. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 16 T20S R29E Mer NMP
At surface SESE 240FSL 360FEL 32.566757 N Lat, 104.072124 W Lon
Sec 16 T20S R29E Mer NMP
At top prod interval reported below SESE 240FSL 360FEL 32.566757 N Lat, 104.072124 W Lon
Sec 21 T20S R29E Mer NMP
At total depth SESE 345FSL 360FEL 32.552638 N Lat, 104.072126 W Lon14. Date Spudded
05/30/201715. Date T.D. Reached
06/23/2017

RECEIVED - 2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/21/2017 7-27-201718. Total Depth: MD 12869
TVD 797319. Plug Back T.D.: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR & RESISTIVITY

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J55	94.0	0 28	425	425 ?	1025 1025	246	0 128	0 CUC
17.500	13.375 J55	54.5	0 28	1245	1328	1250	366	2806	0 CUC
12.250	9.625 L80-IC	40.0	0 28	3126		755	210	2806	0 CUC
8.750	5.500 P110	20.0	0 28	12869		2405	759	2806	0 CUC

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	7826	7813						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8329	12781	8329 TO 12781	42.000	960	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8329 TO 12781	30 STAGE FRAC WITH 960 SHOTS, 9,167,060 LBS PROPANT AND 184,547 BBLS WATER

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
08/05/2017	08/23/2017	24	→	910.0	1485.0	2368.0			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	
	480	0.0	→	910	1485	2368		POW	

28a. Production - Interval B

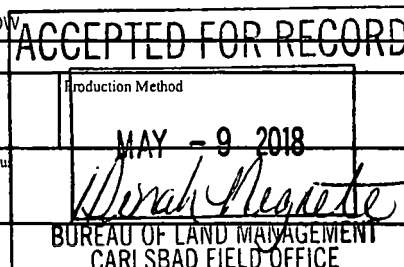
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #407480 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 1/21/2018

Gc 5-17-18
Accepted for record - NMOCID

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
RUSTLER	500			RUSTLER	500
BASE SALT	1300			BASE SALT	1300
TANSILL	1375			TANSILL	1375
YATES	1500			YATES	1500
SEVEN RIVER	1750			SEVEN RIVER	1750
BRUSHY CANYON	4450			BRUSHY CANYON	4450
BONE SPRING LIME	6200			BONE SPRING LIME	6200
BONE SPRING	7450			BONE SPRING	7450

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 #407480 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC., sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 03/13/2018 ()

Name (please print) MELISSA SZUDERATitle REGULATORY COMPLIANCE REP

Signature _____ (Electronic Submission)

Date 03/13/2018

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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