

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTHOBBS OGD  
OCD HOBBS  
AUG 06 2018  
RECEIVEDFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NNNM13647

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input 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 <u>Completed Well Name</u>		7. Unit or CA Agreement Name and No.	
2. Name of Operator MARATHON OIL PERMIAN LLC		8. Lease Name and Well No. CAVE LION FEDERAL 26 35 5 TB 1H	
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056		9. API Well No. 30-025-44087-00-S1	
3a. Phone No. (include area code) Ph: 713.296.2500		10. Field and Pool, or Exploratory JABALINA	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 185FSL 330FWL 32.065605 N Lat, 103.396957 W Lon At top prod interval reported below SWSW 330FSL 330FWL 32.066002 N Lat, 103.396957 W Lon At total depth NWNW 332FNL 315FWL 32.078712 N Lat, 103.396980 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 5 T26S R35E Mer NMP	
14. Date Spudded 12/10/2017		15. Date T.D. Reached 12/29/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/20/2018		17. Elevations (DF, KB, RT, GL)* 3271 GL	
18. Total Depth: MD 17054 TVD 12406		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDANDGR	
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)			

## 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
12.250	9.625 L80	40.0	28	5423	5435	1649		28	
8.750	7.000 P110	29.0	29	11835	11835	1035		4672	
17.500	13.375 J55	54.5	30	1110	1120	928		30	
6.125	4.500 P110	13.5	11568	17050	17050	555		11568	

## 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) BRUSHY CANYON			12478 TO 16970	0.000	930	OPEN
B) BONE SPRING	12478	16970				
C)						
D)						

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

Depth Interval	Amount and Type of Material
12478 TO 16972	11,251,313 - 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
02/20/2018	02/20/2018	24	→	1869.0	301.0	11948.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
54	SI	0	→	1869	301	11948	161	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
02/20/2018	03/02/2018	24	→	1869.0	301.0	11948.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
54	SI	0	→	1869	301	11948		POW	

ACCEPTED FOR RECORD

JUL 22 2018

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #407194 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Due: 8/20/2018

## 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	1068	1504	BARREN	RUSTLER	1068
SALADO	1504	3540	BARREN	SALADO	1504
CASTILE	3540	5099	BARREN	CASTILE	3540
BASE OF SALT	5099	5363	BARREN	BASE OF SALT	5099
LAMAR LS	5363	5392	BARREN	LAMAR LS	5363
BELL CANYON	5392	7865	OIL/GAS/WATER	BELL CANYON	5392
BRUSHY CANYON	7865	9345	OIL/GAS/WATER	BRUSHY CANYON	7865
BONE SPRING	9345	10460	OIL/GAS/WATER		

## 32. Additional remarks (include plugging procedure):

Summary of Porous Zones continued:

Formation	Top	Bottom	Description
-First Bone Spring	10460	11035	Oil/Gas/Water
-Second Bone Spring	11026	12122	Oil/Gas Water
-Third Bone Spring	12122	12406	Oil/Gas Water

## 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 #407194 Verified by the BLM Well Information System.

For MARATHON OIL PERMIAN LLC, sent to the Hobbs

Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/12/2018 (18DW0100SE)

Name (please print) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 03/09/2018

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.

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

**Additional data for transaction #407194 that would not fit on the form**

**32. Additional remarks, continued**

Formation (Log) Marker Continued:

- Bone Spring 9345
- First Bone Spring 10460
- Second Bone Spring 11026
- Third Bone Spring 12122