

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

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 BC OPERATING INCORPORATED E-Mail: JVANCUREN@MARATHONOIL.COM Contact: JENNIFER VAN CUREN
3. Address 3303 VETERANS AIRPARK LANE SUITE 6101 MIDLAND, TX 79710 3a. Phone No. (include area code) Ph: 713-296-2500

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 27 T21S R33E Mer NMP
At surface SWSW 191FSL 960FWL 32.443097 N Lat, 103.565811 W Lon
Sec 27 T21S R33E Mer NMP
At top prod interval reported below SWSW 191FSL 960FWL
Sec 34 T21S R33E Mer NMP
At total depth SWSW 240FSL 960FWL

5. Lease Serial No. NMNM132068
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. BATTLE 34 FEDERAL 4H
9. API Well No. 30-025-42636-00-S1
10. Field and Pool, or Exploratory WC-025 G06 S213326D
11. Sec., T., R., M., or Block and Survey or Area Sec 27 T21S R33E Mer NMP
12. County or Parish LEA 13. State NM
14. Date Spudded 05/05/2017 15. Date T.D. Reached 06/06/2017 16. Date Completed ☐ D & A ☒ Ready to Prod. 07/26/2017
17. Elevations (DF, KB, RT, GL)* 3671 GL
18. Total Depth: MD 15953 TVD 10974 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? ☒ 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
24.000	20.000 J55	169.0	0	1633	1633	2350		0	775
17.500	13.375 J55	72.0	0	3553	3553	2480		0	728
12.500	9.625 L80	40.0	0	5350	5350	1042		0	
8.750	5.500 P-110	20.0	0	15953	15953	1830		0	325

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	10805	10796						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11329	15813	1203 TO 15663	0.000	900	OPEN - Bone Spring
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11203 TO 15663	1511 BBLs - 15% HCL ACID

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
07/26/2017	10/02/2017	24	→	1022.0	568.0	1008.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
46	210	140.0	→	1022	568	1008	556	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 #407332 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 1/26/18

HOBBS OCD
MAR 29 2018
RECEIVEDACCEPTED FOR RECORD
MAR 17 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	1805	1905	BAREN	RUSTLER	1805
SALADO	1905	3740	BAREN	SALADO	1905
CASTILE	3740	3800	BAREN	CASTILE	3740
YATES	3800	4105	BAREN	YATES	3800
CAPITAN REEF	4105	5840	BAREN	CAPITAN REEF	4105
CHERRY CANYON	5840	8740	OIL/GAS/WATER	CHERRY CANYON	5840
BONE SPRING LIME	8740	10575	OIL/GAS/WATER	BONE SPRING LIME	8740
BONE SPRING 2ND	10575	11725	OIL/GAS/WATER	BONE SPRING 2ND	10575

32. Additional remarks (include plugging procedure):
Drilling was completed by BC Operating Inc.

Summary of Porous Zones continued:
3rd Sand Target 11725' - Oil/Gas/Water

Formation Markers continued:
3rd Sand Target 11725'

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 #407332 Verified by the BLM Well Information System.
For BC OPERATING INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/15/2018 (18DW0102SE)

Name (please print) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 03/12/2018

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 **