

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-42636	⁵ Pool Name WC-025 G-06 S213326D; Bone Spring	⁶ Pool Code 97929
⁷ Property Code 318156	⁸ Property Name Battle 34 Federal	⁹ Well Number 4H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	27	21S	33E		191'	South	960'	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	21S	33E		249'	South	943'	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
174238	Enterprise Crude Oil 210 Park Avenue, Suite 1500, Oklahoma City, OK 73102	O

IV. Well Completion Data

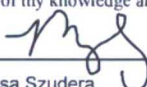
²¹ Spud Date 5/5/2017	²² Ready Date 6/6/2017	²³ TD 7/26/2017	²⁴ PBDT	²⁵ Perforations 11,203 - 15,663'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24"	20"	1,633'	2350		
17 1/2"	13 3/8"	3,553'	2480		
12 1/2"	9 5/8"	5,350'	1042		
8 3/4"	5 1/2"	15,953'	1830		

V. Well Test Data

³¹ Date New Oil 7/26/2017	³² Gas Delivery Date	³³ Test Date 10/2/2017	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 210	³⁶ Csg. Pressure 140
³⁷ Choke Size 46	³⁸ Oil 1022	³⁹ Water 1008	⁴⁰ Gas 568		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:



Printed name: Melissa Szudera

Title: Regulatory Compliance Representative

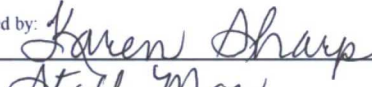
E-mail Address: mszudera@marathonoil.com

Date: 04/16/2018

Phone: 713-296-3179

OIL CONSERVATION DIVISION

Approved by:



Title:

Staff Mgr.

Approval Date:

4-16-18

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Amended

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM132068

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
BATTLE 34 FEDERAL 4H

2. Name of Operator
MARATHON OIL PERMIAN, LLC

Contact: MELISSA B SZUDERA
E-Mail: mszudera@marathonoil.com

9. API Well No.
30-025-42636

3a. Address
5555 SAN FELIPE STREET
HOUSTON, TX 77056

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

10. Field and Pool or Exploratory Area
BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T21S R33E Mer NMP SWSW 191FSL 960FWL

11. County or Parish, State
LEA COUNTY, NM

HOBBS OCD
APR 16 2018
RECEIVED

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

7/1/2017 MIRU and Started Frac Prep operations. 7/4/2017 start frac stages 1-31 with a total of 900 shots, 0.36 in size in the Bone Spring formation using 11,985,070 lbs. of 100 mesh, 30/50, and 40/70 sand. Stimulated with 1,511 bbls of 15% HCL acid. Turn well to flowback on 07/18/17. First oil on 7/26/2017. Turned over to production.

Marathon Oil Permian LLC request to keep this well as confidential for as long as allowed.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #411657 verified by the BLM Well Information System
For MARATHON OIL PERMIAN, LLC, sent to the Hobbs**

Name (Printed/Typed) MELISSA B SZUDERA

Title REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 04/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

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

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

5. Lease Serial No.
NMNM1320681a. 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.com8. Lease Name and Well No.
BATTLE 34 FEDERAL 4H3. Address
5555 SAN FELIPE STREET
HOUSTON, TX 770563a. Phone No. (include area code)
Ph: 713-296-31799. API Well No.
30-025-42636

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Sec 27 T21S R33E Mer NMP
SWSW 191FSL 960FWL
At top prod interval reported below Sec 27 T21S R33E Mer NMP
SWSW 191FSL 960FWL
At total depth Sec 34 T21S R33E Mer NMP
SWSW 249FSL 943FWL10. Field and Pool, or Exploratory
BONE SPRING11. Sec., T., R., M., or Block and Survey
or Area Sec 27 T21S R33E Mer NMP12. County or Parish
LEA 13. State
NM14. Date Spudded
05/05/201715. Date T.D. Reached
06/06/201716. Date Completed
☐ D & A ☒ Ready to Prod.
07/26/201717. Elevations (DF, KB, RT, GL)*
3671 GL18. Total Depth: MD
TVD15953
1097419. Plug Back T.D.: MD
TVDMD
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD AND GR22. 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 P110CY	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	0.360	900	OPEN
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			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
46	SI	140.0	→					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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #411656 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
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
2ND BONE SPRING SAND	10575	11725	OIL/GAS/WATER	2ND BONE SPRING SAND	10575

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

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 #411656 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC, sent to the Hobbs

Name (please print) MELISSA SZUDERATitle REGULATORY COMPLIANCE REP

Signature _____ (Electronic Submission)

Date 04/16/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #411656 that would not fit on the form

32. Additional remarks, continued

Marathon Oil Permian LLC. requests to keep this well's status as confidential for as long as allowed.

****This is an updated completion report from the one submitted 03/12/2018 EC# 407332. Updates include change in BHL footages and an updated C-102 survey plat. All other information remains the same.****