

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

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

Form C-104
Revised August 1, 2011

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 - 025-45188	⁵ Pool Name RED HILLS, BONE SPRING EAST	⁶ Pool Code 97369
⁷ Property Code 322430	⁸ Property Name ENDER WIGGINS 14 TB FC	⁹ Well Number 3H

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
E	14	25S	34E		2450	NORTH	642	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
D	11	25S	34E		101	NORTH	829	WEST	LEA

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P				

III. Oil and Gas Transporters

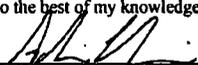
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	ORYX GATHERING	O
	LUCID ENERGY	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
4/7/2019	10/1/2019	19840 / 12337	19774 / 12337	12474' - 19754'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1023'	770		
12 1/4"	9 5/8"	5362'	1535		
8 3/4"	7"	11637'	696		
6 1/8"	4 1/2" Tubing: 2 7/8"	11305' - 19820' Tubing: 11318'	895		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
10/1/2019		10/30/2019	24 hrs	0	875
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
62	2272	2173	2376	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: Adrian Covarrubias Title: Regulatory Professional E-mail Address: acovarrubias@marathonoil.com Date: 12/19/2019	OIL CONSERVATION DIVISION Approved by:  Title: L.M. Approval Date: 2/10/2020
	Phone: 713-296-3368

HOBBS OCD
 JAN 21 2020
 RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JAN 21 2020

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

5. Lease Serial No.
NMNM113419
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.

2. Name of Operator
MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS
 E-Mail: jvancuren@marathonoil.com

8. Lease Name and Well No.
ENDER WIGGINS 14 TB FC 3H

3. Address 5555 SAN FELIPE STREET
HOUSTON, TX 77056
 3a. Phone No. (include area code)
Ph: 713-296-3368

9. API Well No.
30-025-45188-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 14 T25S R34E Mer NMP
 At surface SWNW 2450FNL 642FWL 32.130890 N Lat, 103.446747 W Lon
 Sec 14 T25S R34E Mer NMP
 At top prod interval reported below SWNW 2450FNL 642FWL
 Sec 11 T25S R34E Mer NMP
 At total depth NWNW 101FNL 829FWL

10. Field and Pool, or Exploratory
RED HILLS-BONE SPRINGS
 11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T25S R34E Mer NMP
 12. County or Parish
LEA
 13. State
NM

14. Date Spudded
04/07/2019
 15. Date T.D. Reached
08/02/2019
 16. Date Completed
 D & A Ready to Prod.
10/01/2019

17. Elevations (DF, KB, RT, GL)*
3332 GL

18. Total Depth: MD 19840 TVD 12402
 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1023		770		0	
12.250	9.625 J55	40.0	0	5362		1535		0	
8.750	7.000 P110	29.0	0	11637		696		709	
6.125	4.500 P110	13.5	11305	19820		895		11303	

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) WOLFCAMP			12474 TO 19754	0.000	832	ACTIVE OPEN
B) BONE SPRING	12474	19754				
C)						
D)						

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

Depth Interval	Amount and Type of Material
12474 TO 19754	18,448,250 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
10/01/2019	10/30/2019	24	→	2272.0	2376.0	2173.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
62	SI	875.0	→	2272	2376	2173	1046	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
10/01/2019	10/30/2019	24	→	2272.0	2376.0	2173.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
62	SI	875.0	→	2272	2376	2173		PGW	

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

ELECTRONIC SUBMISSION #491291 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
SALADO	1367	3566	BRINE	SALADO	1367
CASTILE	3566	5090	BRINE	CASTILE	3566
BASE OF SALT	5090	5375	BRINE	BASE OF SALT	5090
LAMAR	5375	5406	OIL, GAS, AND WATER	LAMAR	5375
BELL CANYON	5406	6715	OIL, GAS, AND WATER	BELL CANYON	6406
CHERRY CANYON	6715	8015	OIL, GAS, AND WATER	CHERRY CANYON	6715
BRUSHY CANYON	8015	9304	OIL, GAS, AND WATER	BRUSHY CANYON	8015
BONE SPRING	9304	12337	OIL, GAS, AND WATER	BONE SPRING	9304

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 #491291 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/11/2019 (20JAS0088SE)**

Name (please print) ADRIAN COVARRUBIAS Title CTR - TECHNICIAN HES

Signature _____ (Electronic Submission) Date 11/06/2019

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.

**** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #491291

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM113419	NMNM113419
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Tech Contact:	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Well Name: Number:	ENDER WIGGINS 14 TB FC 3H	ENDER WIGGINS 14 TB FC 3H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 14 T25S R34E Mer NMP SWNW 2450FNL 642FWL	NM LEA Sec 14 T25S R34E Mer NMP SWNW 2450FNL 642FWL 32.130890 N Lat, 103.446747 W Lon
Field/Pool:	RED HILLS; BONE SPRING	RED HILLS-BONE SPRINGS
Logs Run:	MUD AND GR	MUDANDGR
Producing Intervals - Formations:	BONE SPRING	WOLFCAMP BONE SPRING
Porous Zones:	SALADO CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	SALADO CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING

