

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 - 025-45188	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 F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 4/7/2019	²² Ready Date 10/1/2019	²³ TD 19840 / 12337	²⁴ PBDT 19774 / 12337	²⁵ Perforations 12474' - 19754'	²⁶ DHC, MC
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 10/1/2019	³² Gas Delivery Date	³³ Test Date 10/30/2019	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 875
³⁷ Choke Size 62	³⁸ Oil 2272	³⁹ Water 2173	⁴⁰ Gas 2376		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: <i>Adrian Covarrubias</i>		OIL CONSERVATION DIVISION	
Printed name: Adrian Covarrubias		Approved by: <i>P. Mark</i>	
Title: Regulatory Professional		Title: <i>L.M.</i>	
E-mail Address: acovarrubias@marathonoil.com		Approval Date: <i>2/10/2020</i>	
Date: 12/19/2019	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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM113419	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MARATHON OIL PERMIAN LLC		7. Unit or CA Agreement Name and No.	
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		9. API Well No. 30-025-45188-00-S1	
3a. Phone No. (include area code) Ph: 713-296-3368		10. Field and Pool, or Exploratory RED HILLS-BONE SPRINGS	
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		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 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <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
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

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)						

26. Perforation Record

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
62		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
62		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 COVARRUBIASTitle 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 ** REVISED ** REVISED ** REVISED ** REVISED ** 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:	ENDER WIGGINS 14 TB FC	ENDER WIGGINS 14 TB FC
Number:	3H	3H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 14 T25S R34E Mer NMP	Sec 14 T25S R34E Mer NMP
Surf Loc:	SWNW 2450FNL 642FWL	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

