

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

<sup>1</sup> Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		<sup>2</sup> OGRID Number 372098
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 025-42181	<sup>5</sup> Pool Name DIAMONDTAIL; BONE SPRING	<sup>6</sup> Pool Code 17644
<sup>7</sup> Property Code 313792	<sup>8</sup> Property Name COLIBRI 10 FB FEDERAL	<sup>9</sup> Well Number 20H

II. <sup>10</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	10	23S	32E		212	FNL	2222	FEL	LEA

<sup>11</sup> 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
O	10	23S	32E		286	FSL	2020	FEL	LEA
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
248440	Western Refining Company, L.P.	O

IV. Well Completion Data

<sup>21</sup> Spud Date 9/26/2018	<sup>22</sup> Ready Date 1-4-2019	<sup>23</sup> TD 14589'	<sup>24</sup> PBTB	<sup>25</sup> Perforations 10164-14458	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	1234'	1130		
12 1/4"	9 5/8"	4847'	1445		
8 3/4"	5 1/2"	14589'	2545		

V. Well Test Data

<sup>31</sup> Date New Oil 1/9/2019	<sup>32</sup> Gas Delivery Date 1-9-19	<sup>33</sup> Test Date 1/19/2019	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 780
<sup>37</sup> Choke Size 64	<sup>38</sup> Oil 1171	<sup>39</sup> Water 3642	<sup>40</sup> Gas 1635	<sup>41</sup> Test Method Flowing	
<sup>42</sup> 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>Karen Sharp</i>		
Title: CTR - Technician HES			Title: <i>Staff Mgr</i>		
E-mail Address: acovarrubias@marathonoil.com			Approval Date: <i>6-4-19</i>		
Date: 1/21/2019		Phone: 713-296-3368			

Documents pending BLM approvals will subsequently be reviewed and scanned

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM85939		
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			Contact: JENNIFER VAN CUREN E-Mail: jvancuren@marathonoil.com		
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056			3a. Phone No. (include area code) Ph: 713.296.2500		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 212FNL 2222FEL 32.325860 N Lat, 103.661163 W Lon At top prod interval reported below NWNE 212FNL 2222FEL At total depth SWSE 286FSL 2020FEL			8. Lease Name and Well No. COLIBRI 10 FB FEDERAL 20H		
14. Date Spudded 09/26/2018			15. Date T.D. Reached 10/15/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> P & L 01/04/2019			9. API Well No. 30-025-42181-00-S1		
18. Total Depth: MD TVD 14589 9992			19. Plug Back T.D.: MD TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory DIAMONDTAIL-BONE SPRING		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD&GR			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T23S R32E Mer NMP		
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)			12. County or Parish LEA		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3708 GL		

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	1234	1250	1130		0	341
12.250	9.625 J55	40.0	0	4847	4860	1445		0	264
8.750	5.500 P110	20.0	0	14589	14607	2545		0	0

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) BONE SPRING	10164	14458		10164 TO 14458	0.000	648	OPEN
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
10164 TO 14458	11,055,166 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
01/09/2019	01/19/2019	24	→	1171.0	1635.0	3642.0			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	
64	0	780.0	→	1171	1635	3642		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 #452419 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM I

Documents pending BLM approvals will subsequently be reviewed and scanned

## 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	1618	4794	N/A	SALADO	1618
BASE OF SALT	4794	4944	N/A	BASE OF SALT	4794
BELL CANYON	4944	6149	N/A	BELL CANYON	4944
CHERRY CANYON	6149	7046	N/A	CHERRY CANYON	6149
BRUSHY CANYON	7046	8782	N/A	BRUSHY CANYON	7046
BONE SPRING	8782	9973	HYDROCARBONS	BONE SPRING	8782

## 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 #452419 Verified by the BLM Well Information System.  
For MARATHON OIL PERMIAN LLC, sent to the Hobbs  
Committed to AFMSS for processing by DINAH NEGRETE on 04/22/2019 (19DCN0099SE)

Name (please print) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 01/29/2019

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 \*\***