

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Case Serial No.  
NMNM85939

OCS Hobbs  
 JUN 14 2019  
 RECEIVED

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Well  
Other \_\_\_\_\_

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 **NENE 170FNL 895FEL 32.325967 N Lat, 103.656878 W Lon**  
At top prod interval reported below **NENE 170FNL 895FEL**  
At total depth **SESE 330FSL 658FEL**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **COLIBRI 10 AV FEDERAL 24H**

9. API Well No. **30-025-42183-00-S1**

10. Field and Pool, or Exploratory **DIAMONDTAIL-BONE SPRING**

11. Sec., T., R., M., or Block and Survey or Area **Sec 10 T23S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **10/03/2018** 15. Date T.D. Reached **10/16/2018** 16. Date Completed  D & A  Ready to Prod. **01/01/2019**

17. Elevations (DF, KB, RT, GL)\* **3710 GL**

18. Total Depth: **MD 14237 TVD 9675** 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
17.500	13.375 J55	54.5	0	1235	1235	1155		0	455
12.250	9.625 J55	40.0	0	4890	4890	1445		0	376
8.750	5.500 P110	20.0	0	14227	14227	2505		0	287

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) BONE SPRING	9694	14095	9694 TO 14095	0.000	672	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9694 TO 14095	10,131,960 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
01/05/2019	01/15/2019	24	→	494.0	1104.0	3528.0			Flows From Well
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI	670.0	→	494	1104	3528		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		→						

ACCEPTED FOR RECORD  
 APR 27 2019  
*Wendy Neate*  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #452400 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*Reclamation Due: - 7/1/2019*

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	1651	3537	N/A	SALADO	1651
CASTILE	3537	4799	N/A	CASTILE	3537
BASE OF SALT	4799	4982	N/A	BASE OF SALT	4799
BELL CANYON	4982	6076	N/A	BELL CANYON	4982
CHERRY CANYON	6076	7118	N/A	CHERRY CANYON	6076
BRUSHY CANYON	7118	8769	N/A	BRUSHY CANYON	7118
BONE SPRING	8769	9654	HYDROCARBONS	BONE SPRING	8769

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 #452400 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 (19DCN0098SE)

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 \*\***

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

WAS 260H - <sup>Had Name</sup> Charge To

<sup>1</sup> API Number 30-025-42183	<sup>2</sup> Pool Code 17644	<sup>3</sup> Pool Name DIAMONDTAIL; BONE SPRING
<sup>4</sup> Property Code 313792	<sup>5</sup> Property Name COLIBRI 10 AV FEDERAL	<sup>6</sup> Well Number 24H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN, LLC	<sup>9</sup> Elevation 3710'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	T23S	R32E		199	NORTH	878	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	10	T23S	R32E		330	SOUTH	658	EAST	LEA

<sup>12</sup> Dedicated Acres 160.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SECTION 4 SECTION 9 SECTION 9 SECTION 16	SECTION 3 CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 749862.60' / Y: 483152.48' B - X: 751183.53' / Y: 483166.02' C - X: 751218.73' / Y: 477879.73' D - X: 749898.03' / Y: 477868.15'	SECTION 2 SECTION 11 SECTION 11 SECTION 14	<p>Diagram showing well location and acreage production area. Key features include: KOP (Kick Off Point) at 199' from Section 2 boundary; SHL (Surface Hole Location) at 665' from Section 2 boundary; FIRST TAKE at 679' from Section 2 boundary; KICK OFF POINT at 645' from Section 2 boundary; FIRST TAKE POINT at 330' from Section 2 boundary; LAST TAKE POINT/BOTTOM HOLE LOCATION at 669' from Section 2 boundary. A 160-acre producing area is indicated. Dimensions from Section 2 boundary: 665', 679', 645', 330', 669', 663'. Distances from Section 2 boundary to well: 199', 100', 330'. Distances from Section 2 boundary to other points: 657', 878', 643', 682', 654', 658'. FARTEST MEASURED DEPTH = 11,167'. NEAREST MEASURED DEPTH = 13,906'. A note says 'CALLED 160 ACRE PRODUCING AREA'.</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>[Signature]</i> Date: 10/22/2018</p> <p>Printed Name: Adrian Covarrubias</p> <p>E-mail Address:</p>		
	SECTION 10 SURFACE HOLE LOCATION 199' FNL 878' FEL NAD 83, SPCS NM EAST X:750307.85' / Y:482958.41' LAT:32.32591123N / LON:103.65681227W NAD 27, SPCS NM EAST X:709124.78' / Y:482898.56' LAT:32.32578800N / LON:103.65632778W					
	KICK OFF POINT 7,940' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:750527.90' / Y:483059.29' LAT:32.32618470N / LON:103.65609785W NAD 27, SPCS NM EAST X:709344.85' / Y:482999.43' LAT:32.32606146N / LON:103.65561337W					
	FIRST TAKE POINT 9,570' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:750544.06' / Y:482829.45' LAT:32.3255256N / LON:103.65605024W NAD 27, SPCS NM EAST X:709361.00' / Y:482769.59' LAT:32.32542941N / LON:103.65556578W					<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p>Date of Survey: 10/22/2018</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number:</p>
SECTION 10 LAST TAKE POINT/BOTTOM HOLE LOCATION 14,237' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:750559.18' / Y:478204.40' LAT:32.3283965N / LON:103.65609592W NAD 27, SPCS NM EAST X:709375.99' / Y:478144.68' LAT:32.31271636N / LON:103.65561193W						
SECTION 15 CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 708679.54' / Y: 483092.63' B - X: 710000.47' / Y: 483106.17' C - X: 710035.53' / Y: 477820.03' D - X: 708714.83' / Y: 477808.45'						

NOTE; ALL DIMENSIONS IN U.S. FEET