

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

HOBBBS OGD
JUN 1 0 2019
RECEIVED

5. Lease Serial No. NMNM85939
If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. COLIBRI 10 FB FEDERAL 20H

9. API Well No. 30-025-42181-00-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 09/26/2018 15. Date T.D. Reached 10/15/2018 16. Date Completed ☐ D & A ☒ Ready to Prod. 01/04/2019 17. Elevations (DF, KB, RT, GL)* 3708 GL

18. Total Depth: MD 14589 TVD 9992 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) MUD&GR 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 | 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

| 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) | | | | | | |

26. Perforation Record

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

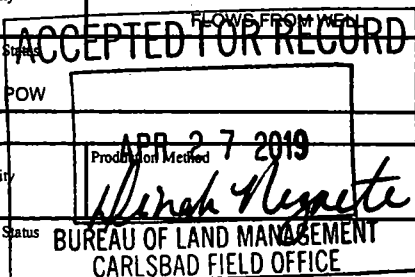
| Depth Interval | Amount and Type of Material |
|----------------|---------------------------------|
| 10164 TO 14458 | 11,055,166 LBS - 40/70;100 MESH |
| | |
| | |

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 | | | FLOW 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 | 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. | 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 #452419 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 7/4/2019

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 | 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 ****

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

| | | |
|---|---|--|
| ¹ API Number 30-025-42181 | ² Pool Code 17644 | ³ Pool Name DIAMONDTAIL; BONE SPRING |
| ⁴ Property Code 313792 | ⁵ Property Name COLIBRI 10 FB FEDERAL | ⁶ Well Number 20H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN, LLC | ⁹ Elevation 3705' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 10 | T23S | R32E | | 212 | NORTH | 2222 | EAST | LEA |

¹¹ 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 0 | 10 | T23S | R32E | | 286 | SOUTH | 2020 | EAST | LEA |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|---|-------------------------------|----------------------------------|-------------------------|

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 3 | SECTION 2 SECTION 11 | SECTION 10 SECTION 16 | SECTION 15 SECTION 14 | <p>16</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 748541.66' / Y: 483138.93' B - X: 749862.60' / Y: 483152.48' C - X: 749898.03' / Y: 477868.15' D - X: 748577.33' / Y: 477856.57'</p> <p>SURFACE HOLE LOCATION 212' FNL 2222' FEL NAD 83, SPCS NM EAST X: 748963.88' / Y: 482931.36' LAT: 32.32586002N / LON: 103.66116348W NAD 27, SPCS NM EAST X: 707778.82' / Y: 482871.52' LAT: 32.32573680N / LON: 103.66067888W</p> <p>KICK OFF POINT 9,237' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 749204.07' / Y: 483045.72' LAT: 32.32617032N / LON: 103.66038367W NAD 27, SPCS NM EAST X: 708021.02' / Y: 482985.86' LAT: 32.32604710N / LON: 103.65989907W</p> <p>FIRST TAKE POINT 9,891' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 749196.84' / Y: 482815.63' LAT: 32.32553801N / LON: 103.66041175W NAD 27, SPCS NM EAST X: 708013.78' / Y: 482753.78' LAT: 32.32541479N / LON: 103.65992718W</p> <p>LAST TAKE POINT 14,563' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 749200.43' / Y: 478192.04' LAT: 32.3282920N / LON: 103.66049410W NAD 27, SPCS NM EAST X: 708017.25' / Y: 478132.32' LAT: 32.3270593N / LON: 103.66009999W</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 707358.61' / Y: 483079.08' B - X: 708679.54' / Y: 483092.63' C - X: 708714.83' / Y: 477808.45' D - X: 707394.13' / Y: 477796.87'</p> | |
| | SECTION 10 | | | | | SECTION 11 |
| | SECTION 10 | | | | | SECTION 11 |
| | SECTION 10 | | | | | SECTION 11 |

17 OPERATOR CERTIFICATION

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.

Signature: *Adrian Covarrubias* Date: 10/22/2018

Printed Name: Adrian Covarrubias

E-mail Address:

18 SURVEYOR CERTIFICATION

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.

Date of Survey: *10/22/2018*
Signature and Seal of Registered Surveyor:

Certificate Number:

NOTE: ALL DIMENSIONS IN U.S. FEET