

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 8. Well Name and No. COLIBRI 10 FB FEDERAL 20H |
| 2. Name of Operator MARATHON OIL PERMIAN LLC Contact: JENNIFER VAN CUREN E-Mail: jvancuren@marathonoil.com | | 9. API Well No. 30-025-42181-00-X1 |
| 3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056 | 3b. Phone No. (include area code) Ph: 713.296.2500 | 10. Field and Pool or Exploratory Area DIAMONDTAIL |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T23S R32E NWNE 0212FNL 2222FEL 32.325860 N Lat, 103.661163 W Lon | | 11. County or Parish, State LEA COUNTY, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Production Start-up |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

11/10/2018 Started Frac Prep operations. 12/1/2018 start frac stages 1-27 with 3 shots per foot for a total of 648 shots 0.36" in size in the Diamond Tail formation using 100 Mesh and 40/70 sand. Stimulated with 337 bbls of 15% HCl acid. 1/4/2019 opened to flowback. First oil on Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 10164-14458'. First oil on 1/9/2019. Turned over to production.

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #452351 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 02/01/2019 (19PP0916SE) | |
| Name (Printed/Typed) JENNIFER VAN CUREN | Title SR. REGULATORY COMPLIANCE REP |
| Signature (Electronic Submission) | Date 01/29/2019 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------|
| Approved By _____ | ACCEPTED FOR RECORD | Date _____ |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office _____ | /s/ Jonathon Shepard |
| 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. | | |

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O | 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 10 SECTION 11 | SECTION 2 | SECTION 11 | SECTION 16 | SECTION 15 | SECTION 14 |
| | SECTION 10 | | | | | | |
| | SECTION 10 | | | | | | |
| | SECTION 10 | | | | | | |

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'

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: 707780.82' / Y: 482871.52'
LAT: 32.32573680N / LON: 103.66067888W

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

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: 482755.78'
LAT: 32.32541479N / LON: 103.65992718W

LAST TAKE POINT
14,563' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X: 749208.43' / Y: 478192.04'
LAT: 32.31282920N / LON: 103.66049410W
NAD 27, SPCS NM EAST
X: 708017.25' / Y: 478132.32'
LAT: 32.31270593N / LON: 103.66000999W

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'

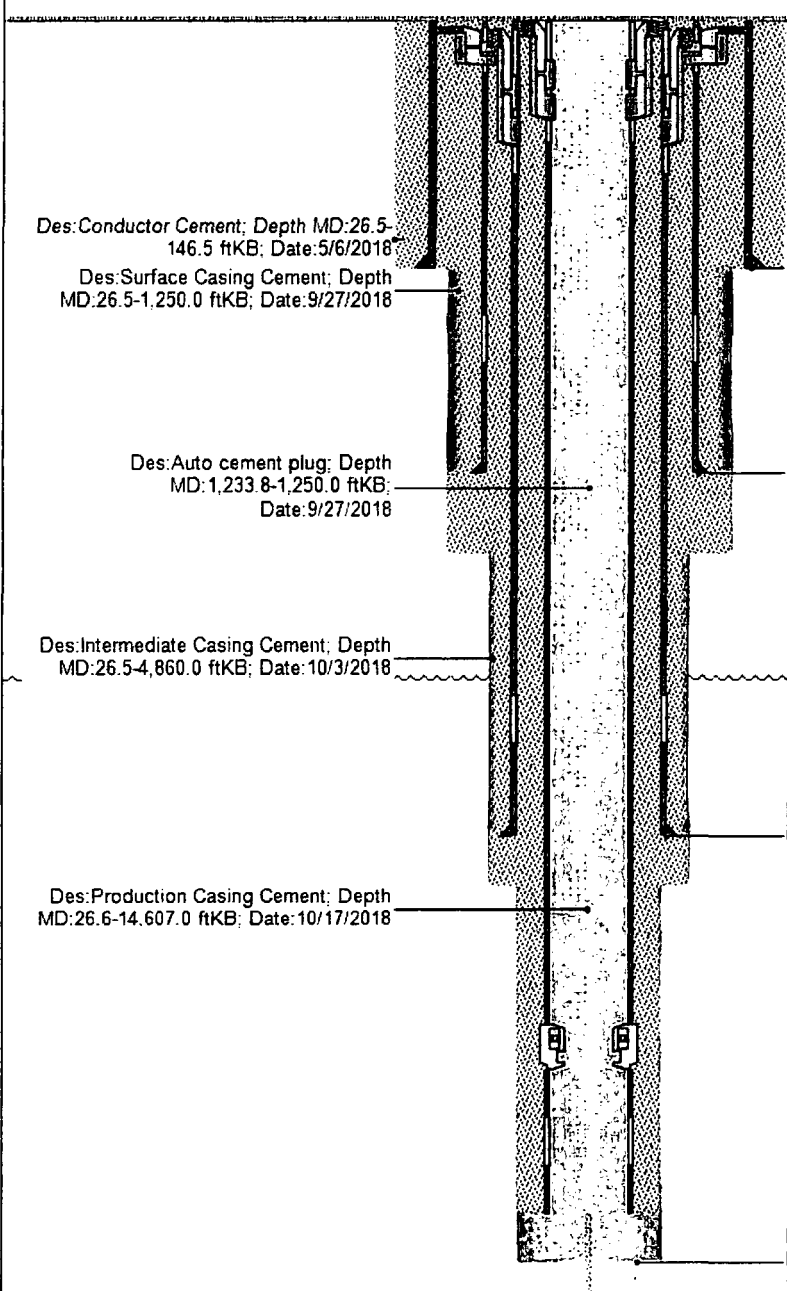
17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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 Professional Surveyor: *[Signature]*
Certificate Number:

NOTE: ALL DIMENSIONS IN U.S. FEET

| | | | | | | |
|----------------------------------------------|---------------------------------------|----------------------------------|------------------------------------------|---------------------------------------|----------------------------------|-------------------------------------|
| State/Province NEW MEXICO | Prospect Area RED HILLS | Field Name DIAMONDTAIL | Well Subtype | Lat/Long Datum NAD27 | Latitude (°) 32.325739 | Longitude (°) -103.660702 |
| Well Configuration Type HORIZONTAL | Well Objective EXPLOITATION | Well Status DRILLING | Ground Elevation (ft) 3,708.00 | KB-Grnd Distance (ft) 26.50 | | |

HORIZONTAL - COLIBRI FEDERAL 23 32 10 FB 20H, 10/22/2018 10:46:53 AM

| MD (ftKB) | TVD (ftKB) | Incl (°) | Vertical schematic (actual) | |
|-----------|------------|----------|-------------------------------------------------------------------------------------|--|
| -5.6 | -5.6 | 0.0 |  | |
| 26.2 | 26.2 | 0.0 | | |
| 26.6 | 26.6 | 0.0 | | |
| 27.6 | 27.6 | 0.0 | | |
| 27.9 | 27.9 | 0.0 | | |
| 28.2 | 28.2 | 0.0 | | |
| 47.6 | 47.6 | 0.1 | | |
| 146.7 | 146.7 | 0.2 | | |
| 1189.2 | 1,189.2 | 0.6 | | |
| 1190.6 | 1,190.6 | 0.6 | | |
| 1232.2 | 1,232.2 | 0.7 | | |
| 1233.5 | 1,233.5 | 0.7 | | |
| 1233.9 | 1,233.9 | 0.7 | | |
| 1249.9 | 1,249.9 | 0.8 | | |
| 1688.5 | 1,688.5 | 1.4 | | |
| 1730.1 | 1,730.1 | 1.5 | | |
| 4799.1 | 4,799.1 | 2.4 | | |
| 4800.4 | 4,800.4 | 2.4 | | |
| 4844.0 | 4,844.0 | 2.4 | | |
| 4846.0 | 4,846.0 | 2.4 | | |
| 4857.1 | 4,857.1 | 2.4 | | |
| 9319.9 | 9,319.9 | 1.8 | | |
| 9340.2 | 9,340.2 | 1.8 | | |
| 9979.2 | 9,979.2 | 91.1 | | |
| 9979.2 | 9,979.2 | 91.1 | | |
| 9978.4 | 9,978.4 | 91.1 | | |
| 9978.4 | 9,978.4 | 91.1 | | |
| 9977.6 | 9,977.6 | 91.1 | | |
| 9977.5 | 9,977.5 | 91.1 | | |
| 9977.2 | 9,977.2 | 91.1 | | |

Directions to Well: BEGINNING AT THE INTERSECTION OF JAL HIGHWAY/ HWY 128 AND AN EXISTING ROAD TO THE NORTHEAST LOCATED IN THE SE 1/4 OF SECTION 1, T24S, R31E, N.M.P.M. PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 5.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE COLIBRI FEDERAL #20H TO THE NORTHWEST. F...