

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.*Release Serial No.  
85939

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
COLIBRI FEDERAL 23 32 10 AV 24H2. Name of Operator  
MARATHON OIL PERMIAN LLCContact: JENNIFER VAN CUREN  
E-Mail: jvancuren@marathonoil.com9. API Well No.  
30-025-42183-00-X13a. Address  
5555 SAN FELIPE STREET  
HOUSTON, TX 770563b. Phone No. (include area code)  
Ph: 713.282.202010. Field and Pool or Exploratory Area  
DIAMONDTAIL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T23S R32E NENE 170FNL 895FEL  
32.325967 N Lat, 103.656878 W Lon11. 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	Drilling Operations
	<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.

MIRU. 10/2/2018 ? 10:00 Notified Kristy Pruitt with BLM of upcoming spud on 10/3. Spud on 10/3. Drill 17.5? surface from 147? to 1245?. Circulate and TOH to BHA. Notified Paul Flowers with BLM of running 13-3/8? csg. @ 20:20. 10/4 ? Make up shoe track and run 13 3/8? casing, 29 jts, 54.5#, J55 STC to 1235?. Notify BLM in regards of cementing 13-3/8? csg @ 11:47. Cement csg by pumping 30 bbls of FW spacer, 920sx of lead cmt, 235sx of tail cmt, with 455sx of cmt returned to surface. Notified BLM in regards to testing BOP test @ 17:00. Perform BOP. Test csg to 1500psi for 30min, 50 psi drop, good test. P/U BHA and TIH to drill out. 10/6 ? Drill 12 ?? hole section to 4900?. 10/7 -Circulate and TOH to BHA. Pick up shoe track and floats. Notified Paul Flowers with BLM in regards to 9-5/8? csg run @ 17:54. 10/8 ? Run 9-5/8? csg, 117 jts, 40#, J55 LTC, to 4890?. Notify BLM in regards to 9-5/8? cmt job @ 13:30. Cement 9-5/8? csg, pump 20 bbls ge spacer, 1125sx lead cmt, 320sx tail cmt, with 376sx of cmt to surface. 10/9 ? TIH from BHA to 4500?. Pressure test csg to 2520 psi for 30 min, 60psi drop, good test. Drill 8-3/4? hole from 4900? to 9000?. 10/10 ?

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #440670 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 10/22/2018 (19PP0203SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 10/22/2018

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

OCT 23 2018

/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 \*\* BLM REVISED \*\***

**Additional data for EC transaction #440670 that would not fit on the form**

**32. Additional remarks, continued**

Circulate, TOH from 9002? to BHA. TIH to 9002?. Relog gamma from 8903? to 9002?. 10/11 ? Continue drilling 8-3/4? from 9002? to 10162?. 10/12 ? TOH from 10162? to BHA. 10-13 ? TIH from BHA to 10060. Re-log gamma correlation from 10062? to 10162?. Continue drilling 8-3/4? section from 10162? to 14237?. Circulate well, TOH from 13900? to 9000?. LD drill pipe to BHA. 10/17 ? Run 5-1/2? csg, 342jts, 20#, P110 csg to 14237?. Cement csg, pump 30 bbls GTX spacer, 1060sx lead cmt, 1445sx tail cmt, with 287sx of cmt to surface. Pressure test for the 5 ?? csg will be done during completions operations. PU equipment, RDMO 10/20/2018. ✓

## COLIBRI FEDERAL 23 32 10 AV 24H

30-025-42183

SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
10/3/2018	10/16/2018	10/20/2018	14237 / 9675	3710
Casing detail	Surface	Intermediate	Production	
Date	10/4/2018	10/8/2018	10/17/2018	
Hole size	17 1/2	12 1/4	8 3/4	
Casing size	13 3/8	9 5/8	5 1/2	
Weight	54.5	40	20	
Type	J55	J55	P110	
Thread	STC	LTC	VA Rougneck	
Top	0	0	0	
Depth (MD)	1235	4890	14227	
Amount jnts	29	117	342	
Cement detail	Surface	Intermediate	Production	
Date	10/4/2018	10/9/2018	10/19/2018	
Top depth KB	0	0	0	
Bottom depth KB	1235	4890	14227	
Lead sks	920	1125	1060	
Yield	1.73	2.21	3.21	
Tail sks	235	320	1445	
Yield	1.34	1.33	1.22	
WOC to 500 psi		16 hrs	10.3 hrs	
Spacer	30 bbsl FW	20 bbls	30 bbsl GTX	
Class	C	C	H	
Circulate to surface (sks)	455	376	287	
Top meas. method	Circulate	Circulate	Circulate	
TOC	0	0	0	
Pressure testing	Surface	Intermediate	Production	
Date	10/5/2018	10/9/2018		
PSI	1500	2520		
Time (min)	30	30		
Bled off	50	60		
Drop	3%	2%		
Good test	Yes	Yes		

## COLIBRI FEDERAL 23 32 10 AV 24H

30-025-42183

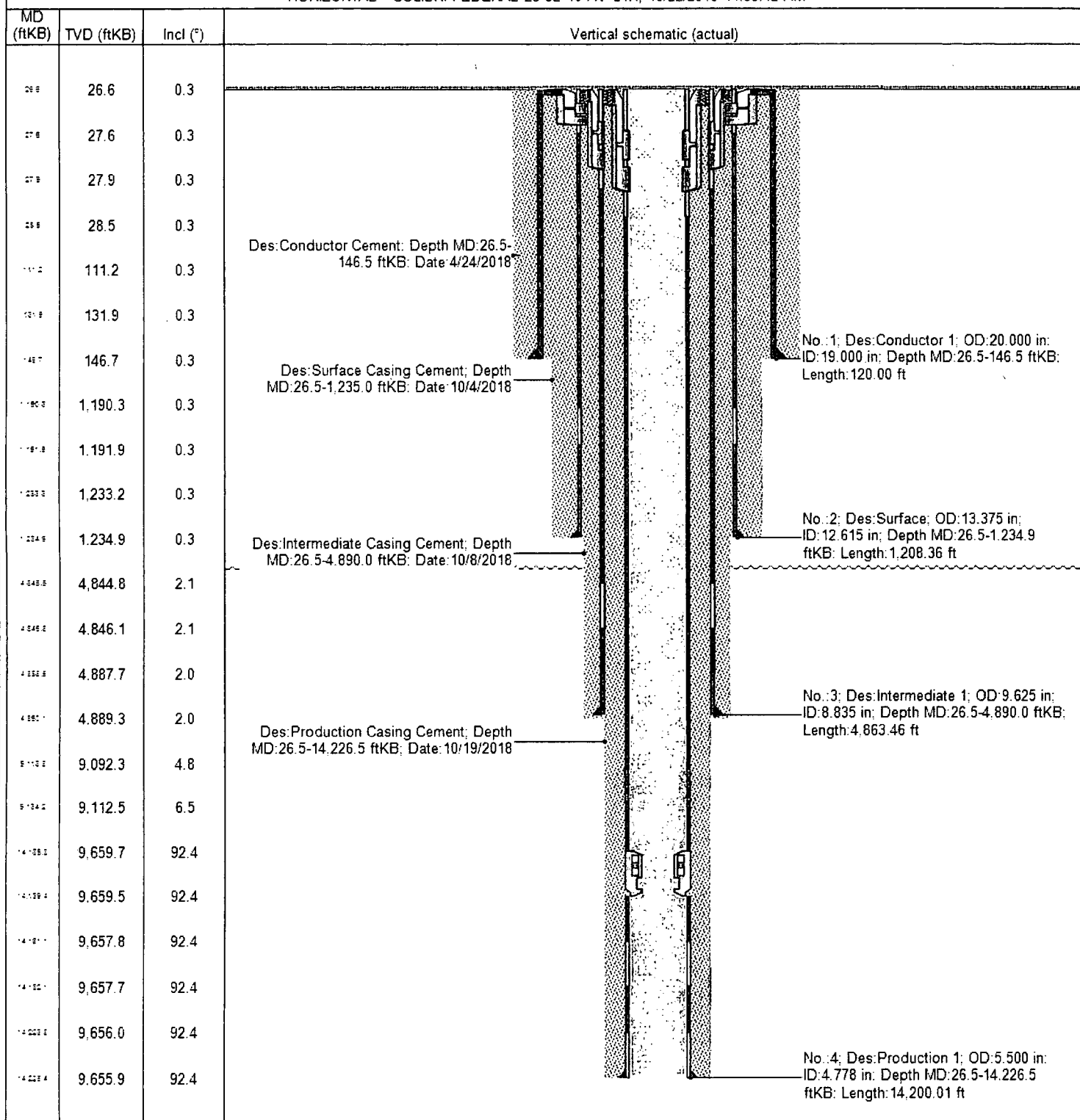
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
10/3/2018	10/16/2018	10/20/2018	14237 / 9675	3710
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Date	10/5/2018	10/9/2018		
PSI	1500	2520		
Time (min)	30	30		
Bled off	50	60		
Drop	3%	2%		
Good test	Yes	Yes		

## Wellbore Schematic

Well Name: COLIBRI FEDERAL 23 32 10 AV 24H

State/Province NEW MEXICO	Prospect Area RED HILLS	Field Name DIAMONDTAIL	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.325785	Longitude (°) -103.656350
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,710.00	KB-Ground Distance (ft) 26:50		

HORIZONTAL - COLIBRI FEDERAL 23 32 10 AV 24H, 10/22/2018 11:35:12 AM



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 JJN 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...