

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS OF Wellsbhad Field Office**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**  
**OCD Hobbs****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		5. Lease Serial No. MMNM85940	
2. Name of Operator MARATHON OIL PERMIAN LLC		6. If Indian, Allottee or Tribe Name	
3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 713.296.2500		8. Well Name and No. URRACA FEDERAL COM 23 32 11 AV 24H	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T23S R32E NENW 0430FNL 1614FWL 32.193102 N Lat, 103.648750 W Lon		9. API Well No. 30-025-42226-00-X1	
		10. Field and Pool or Exploratory Area DIAMONDTAIL	
		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	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 recompleate 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 recompleation 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. 9/13/2018 @ 15:00 ? Notified Kristy Pruitt with BLM on intent to spud. Spud on 9/14/2018 @ 20:30. Drill 17.5? surface from 142? to 1287?. TOH from 1287? to BHA. 9/15 ? Notified John Staton with BLM on impending casing run & cement job @ 00:45. Make up shoe track and run 13 3/8? casing, 31 jts, 54.5#, J55 STC to 1277?. Shoe set @ 1277? MD, Float collar @ 1233.8? MD. 9/23 ? Cement casing by pumping 30 bbls of Fresh Water spacer, 920sx of lead cement and 235sx of tail cement with 486sx of cement returned to surface. 9/16 ? Perform BOP test. Tested casing to 1500 psi for 30 min, 10 psi drop, good test. P/U 12 ?? BHA and TIH to drill out. Drill out 10? of new formation to 1297?. 9/17 - Drill 12 ?? hole section to 4900?. 9/18 ? Circulate hole clean, TOH from 4900 to BHA. Notified Steven Bailey with BLM on casing run @ 08:10. Run 9 5/8? csg, 117 jts of 40# J55 LTC to 4886?. Notified Steven Bailey with BLM on cement job @ 21:15. 9/19 ? Cement 9 5/8? csg, pump 20 bbls gel spacer, 1460sx lead cement, 190sx tail cement, with 657sx cement to surface. Pressure test casing to 2520 for 30 min, 80 psi drop, good test. Drill out cement & float equipment plus 10? of

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

Electronic Submission #438373 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Hobbs  
Committed to AFMS for processing by PRISCILLA PEREZ on 10/04/2018 (19PP0068SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 10/04/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

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 04 2018

/s/ Jonathon Shepara

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 \*\*

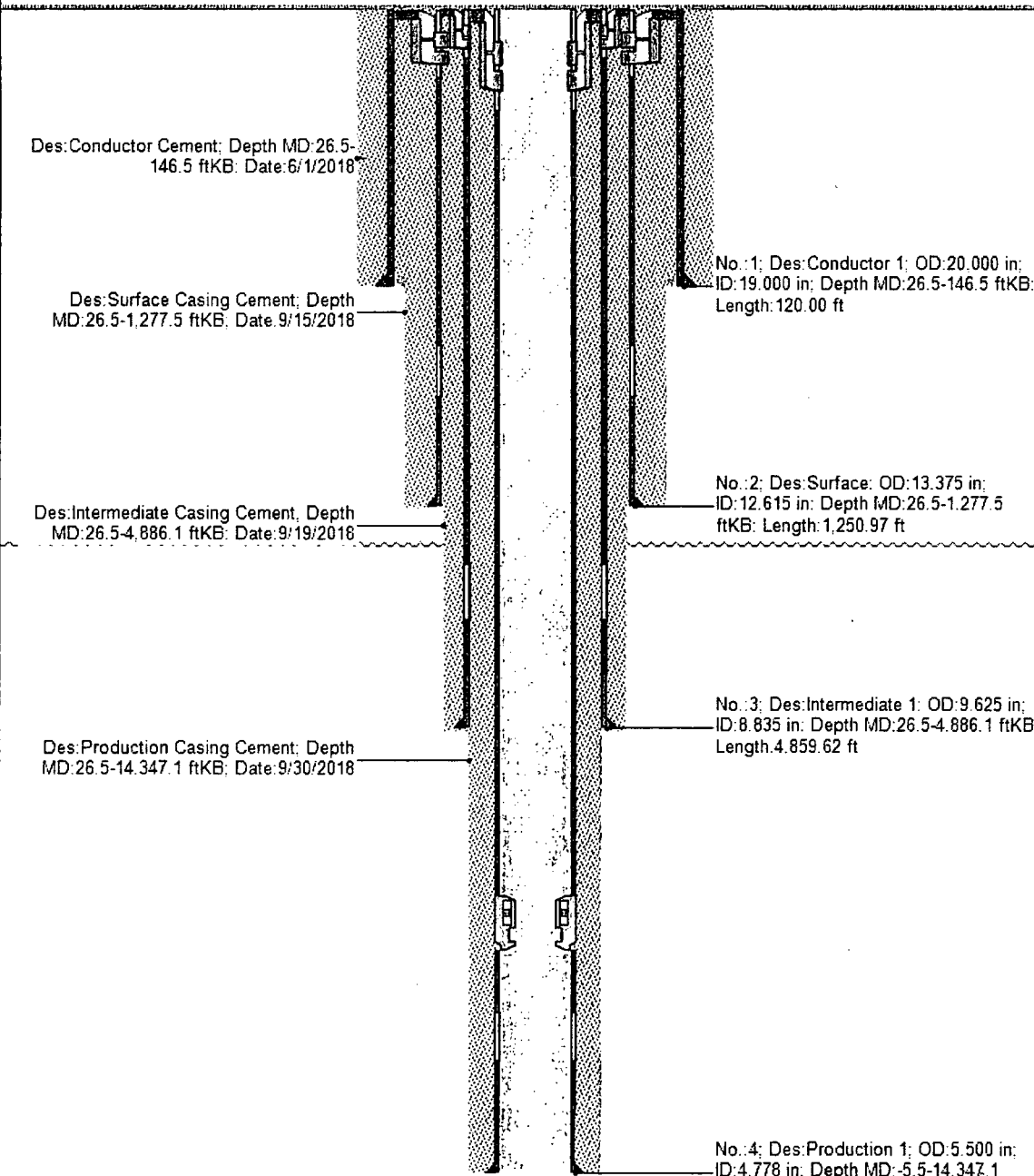
## **Additional data for EC transaction #438373 that would not fit on the form**

### **32. Additional remarks, continued**

new formation to 4910. Circulate, perform FIT. 9/20 ? Drill 8 ?? from 4910? to 9100?. 9/21 ? Circulate LCM sweep around. TOOH from 9100 to BHA. TIH to 9000?. Re-log gamma correlation. 9/22 ? Drill 8 ?? hole to 10251?. Function upper and lower pipe rams. Pump LCM sweep & circulate out of hole. TOH from 9778? to BHA. TIH from BHA to 10251?. 9/24 - Continue drilling 8 ?? hole to 12442?. TOH from 12442 to BHA. TIH from BHA to 12442?. Continue drilling 8 ?? from 12442? to 14356?. 9/27 ? TD well. Perform clean up, pump and pot lube pill. TOH to 13876?. Lay down drill pipe from 13876? to BHA. 9/29 ? Run 5 ?? csg, 345 jnts, 20# P110 csg to 14,347?. Notified Paul Flowers with BLM in regard to cement 5 ?? string. 9/30 ? Cement csg, pump 30 bbls space, 1300sx lead cement, 1460sx tail cement, with 819sx cement to surface. Pressure test for the 5 ?? csg will be done during completions operations. PU equipment, RDMO 9/30/2018.

State/Province NEW MEXICO	Prospect Area RED HILLS	Field Name DIAMONDTAIL	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.325111	Longitude (°) -103.648180
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,715.00	KB-Ground Distance (ft) 26.50		

HORIZONTAL - URRACA FEDERAL COM 23 32 11 AV 24H, 10/4/2018 2:32:29 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
-5.6	-5.6	0.1	 <p>Des: Conductor Cement; Depth MD: 26.5-146.5 ftKB; Date: 6/1/2018</p> <p>Des: Surface Casing Cement; Depth MD: 26.5-1,277.5 ftKB; Date: 9/15/2018</p> <p>Des: Intermediate Casing Cement; Depth MD: 26.5-4,886.1 ftKB; Date: 9/19/2018</p> <p>Des: Production Casing Cement; Depth MD: 26.5-14,347.1 ftKB; Date: 9/30/2018</p> <p>No. 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 26.5-146.5 ftKB; Length: 120.00 ft</p> <p>No. 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 26.5-1,277.5 ftKB; Length: 1,250.97 ft</p> <p>No. 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.835 in; Depth MD: 26.5-4,886.1 ftKB; Length: 4,859.62 ft</p> <p>No. 4; Des: Production 1; OD: 5.500 in; ID: 4.778 in; Depth MD: -5.5-14,347.1 ftKB; Length: 14,352.63 ft</p>
26.6	26.6	0.1	
27.9	27.9	0.1	
28.5	28.5	0.1	
111.2	111.2	0.1	
122.0	122.0	0.1	
146.7	146.7	0.2	
1,232.8	1,232.8	0.2	
1,234.2	1,234.2	0.2	
1,275.8	1,275.8	0.1	
1,277.5	1,277.5	0.1	
4,841.2	4,841.2	0.1	
4,842.5	4,842.5	0.1	
4,884.2	4,884.2	0.2	
4,885.8	4,885.8	0.2	
9,145.3	9,145.3	5.0	
9,164.4	9,164.4	7.6	
9,674.1	9,674.1	93.6	
9,673.9	9,673.9	93.6	
9,671.3	9,671.3	93.9	
9,671.2	9,671.2	93.9	
9,668.4	9,668.4	93.9	
9,668.2	9,668.2	93.9	

Directions to Well: FROM CARLSBAD, NM, AT THE INTERSECTION OF W GREENE ST AND N CANAL ST. HEAD EAST ON W GREENE STREET TOWARD S CANAL ST FOR 2.2 MILES TO REFINERY ROAD ON THE RIGHT. TRAVEL SE ON REFINERY ROAD FOR 12.5 MILES TO NEW MEXICO STATE HIGHWAY 31 ON THE LEFT. TRAVEL NE ON NM STATE HIGHWAY 31 FOR 2.4 MILES TO NM STATE HIGHWAY 128 E ON THE RIGHT. TRAVEL SE ON NM STATE HIGHWAY 128 E FOR 19.0 MILES TO AN EXISTING LEASE ROAD ON THE LEFT. TRAVEL NE ON SAID EXISTING LEASE ROAD FOR 5.6 MILES TO AN EXISTING LEASE ROAD ON THE LEFT. TRAVEL NW ON SAID EXISTING LEASE ROAD FOR 1.4 MILES TO AN EXISTING LEASE ROAD TO THE RIGHT. T...

Urraca Federal Com 23 32 11 AV 24H				
30-025-42226				
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
9/14/2018	9/27/2018	9/30/2018	14356	3715
Casing detail	Surface	Intermediate	Production	
Date	9/15/2018	9/19/2018	9/29/2018	
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 Roughneck	
Top	0	0	0	
Depth (MD)	1278	4886	0	
Amount jnts	30	117	14347	
Cement detail	Surface	Intermediate	Production	
Date	9/15/2018	9/19/2018	9/30/2018	
Top depth KB	0	0	0	
Bottom depth KB	1278	4886	14347	
Lead sks	920	1460	1300	
Yield	1.73	1.98	3.31	
Tail sks	235	190	1460	
Yield	1.33	1.33	1.22	
WOC to 500 psi		5.2 hrs	10.2 hrs	
Spacer	30 bbls FW	20 bbls gel	30 bbls GTX	
Class	C	C	H	
Circulate to surface (sks)	486	657	819	
Top meas. method	Circulate	Circulate	Circulate	
TOC	0	0	0	
Pressure testing	Surface	Intermediate	Production	
Date	9/16/2018	9/19/2018		
PSI	1500	2520		
Time (min)	30	30		
Bled off	10	60		
Drop	1%	2%		
Good test	Yes	Yes		