

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

Carlsbad Field Office

**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.**5. Lease Serial No.  
NMNM27805

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
FRIZZLE FRY 15 WA FED COM 2H9. API Well No.  
30-025-45890-00-X110. Field and Pool or Exploratory Area  
RED TANK-BONE SPRING11. County or Parish, State  
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
MARATHON OIL PERMIAN LLCContact: ADRIAN COVARRUBIAS  
E-Mail: jvancuren@marathonoil.com3a. Address  
5555 SAN FELIPE STREET  
HOUSTON, TX 770563b. Phone No. (include area code)  
Ph: 713-296-3368

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

Sec 15 T22S R32E NWNW 273FNL 792FWL  
32.398205 N Lat, 103.668564 W Lon

## 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 Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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. 8/16/2019 ? Spud well. Drill 17 1/2? surface to 1096?. 8/17 ? Make up 13 3/8? shoe track. Run 13 3/8?, 26 jts, 54.5#, J55, STC csg to 1096?. Cement csg by pumping 30 bbls, 595 sks lead cement, 345 sks tail cement, with 440 sks of cement to surface. 8/18 ? Perform BOP test. 8/19 ? Pressure test 13 3/8? csg to 1500 psi for 30 min, held, good test. 8/20 ? BHA and TIH to drill out. Drill shoe track and 10? of new formation to 1106?. Drill 12 ?? section to 3448?. 8/22 ? Circulate. Continue drilling 12 ?? section to 3995?. TOH to BHA. TIH to 3995?. 8/24 - Drill 12 ?? section to 8929?. 8/28 ? Circulate. TOOH to BHA. Flow check. 8/30 ? Run 9 5/8? csg, 210 jts, 40#, L80 BTC to 8914?. Cement csg by pumping 40 bbls of spacer, 2825 sks of lead cement, 415 sks of tail cement, with 387 sks of cement to surface. Pressure test 9 5/8? csg to 4000 psi for 30 min with 50 psi drop, good test. 9/1 ? Drill cement, shoe track, and 10? of new formation to 8939?. Drill 8 ?? hole section to 10855?. 9/3 ? Circulate and flow check. TOH to BHA. TIH with curve assembly to 11730?. Re-log gamma from 11630 to 11730?. Drill 8 ?? curve section to 12380?. 9/4 ? Flowcheck. Circulate.

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

Electronic Submission #494192 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 12/03/2019 (20PP0486SE)

Name (Printed/Typed) ADRIAN COVARRUBIAS

Title CTR - TECHNICIAN HES

Signature (Electronic Submission)

Date 12/02/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title Accepted for Record

DEC 04 2019

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 Jonathon Shepard  
Carlsbad Field Office

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 #494192 that would not fit on the form**

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

TOOH with curve assembly to BHA. TIH with curve assembly to 11680?. Re-log gamma from 11630? to 11730?. TIH to 12112?. Re-log gamma from 12112? to 12380?. 9/6 ? Drill 8 ?? curve section to 12539?. Flowcheck. TOOH with curve assembly to BHA. 9/7 ? Run 7? csg, 309 jts, 32#, P110, Everlock, csg to 12527?. 9/8 ? Cement casing by pumping 50 bbls of spacer, 840 sks of lead cement, 160 sks of tail cement, with 113 sks of cement to surface. Rig Down. 11/10/2019 ? Rig Up. Pressure test 7? csg to 5500 psi for 30 min, 53 psi drop, good test. Drill 6? curve section to 12685?. Drill 6? lateral section to 15839?. 11/13 ? TOOH to BHA. TIH with lateral assembly to 15695?. Re-log gamma from 15695 to 15839?. 11/14 ? Drill 6? lateral section to 16665?. Circulate, flowcheck. TOH to BHA. TIH with assembly. 11/18 ? Re-log gamma from 16452? to 16665?. Continue drilling 6? hole to 19112?. 11/21 ? Circulate. TOOH to BHA. TIH with lateral assembly. Re-log gamma from 18994? to 19112?. Continue drilling 6? hole to 22467?. 11/26 ? Perform flowcheck. 11/28 ? Run 4 ?? liner, 260 jts, 13.5#, VA Roughneck from 11762? to 22457?. 11/29 ? Cement liner by pumping 30 bbls spacer and 1005 sks of tail cement with 248 sks of cement to surface. Pressure test 4 ?? liner to 4813 psi for 30 min, held, good test. RDMO 12/2/2019



# Marathon Oil

## Wellbore Schematic

Well Name: FRIZZLE FRY FEDERAL 22 32 15 WA 2H

State/Province NEW MEXICO	Country UNITED STATES	Field Name WILDCAT	Latitude (°) 32.39808800	Longitude (°) -103.66817390	North/South Distance (ft) 273.0	North/South Reference FNL
API/ I/O UWI 3002545890	KB-Ground Distance (ft) 25.00	KB-Mud Line Distance (ft)	Ground Elevation (ft) 3,791.00	Drilling Rig Spud Date 8/16/2019	Well Original Completion Date	Well First Production Date

HORIZONTAL, FRIZZLE FRY FEDERAL 22 32 15 WA 2H, 12/2/2019 1:10:03 PM

MD (ftKB)	Incl (°)	TVD (ftKB)	Vertical schematic (actual)
-2.6	0.0	-2.6	
24.9	0.1	24.9	
26.9	0.1	26.9	
27.2	0.1	27.2	
32.8	0.1	32.8	
43.6	0.2	43.6	
120.1	0.5	120.1	Des: Conductor Cement; Top MD: 25.0 ftKB; Btm MD: 145.0 ftKB; Date: 7/1/2019
145.0	0.6	145.0	Des: Surface Casing Cement; Top MD: 25.0 ftKB; Btm MD: 1,096.0 ftKB; Date: 8/17/2019
1,041.7	1.2	1,041.6	
1,043.3	1.2	1,043.2	
1,084.6	1.0	1,084.6	
1,086.3	1.0	1,086.2	
1,096.1	1.0	1,096.1	Des: Intermediate Casing Cement; Top MD: 25.0 ftKB; Btm MD: 2,569.0 ftKB; Date: 8/30/2019
2,568.2	1.4	2,567.6	
2,569.9	1.4	2,568.3	
2,570.5	1.4	2,569.9	
2,578.1	1.4	2,577.5	Des: Intermediate Casing Cement; Top MD: 2,569.0 ftKB; Btm MD: 8,914.0 ftKB; Date: 8/30/2019
2,594.5	1.4	2,593.9	Des: Intermediate Casing Cement; Top MD: 25.0 ftKB; Btm MD: 12,526.0 ftKB; Date: 9/8/2019
8,821.5	2.3	8,801.3	
8,823.2	2.3	8,802.9	
8,868.8	2.0	8,846.5	
8,888.1	2.0	8,847.8	
8,912.1	1.8	8,891.8	
8,914.0	1.8	8,893.7	No.: 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.840 in; Depth MD: 25.0-8,914.0 ftKB; Length: 8,889.00 ft
10,389.4	1.9	10,367.7	
11,762.1	6.2	11,739.9	
11,788.7	8.3	11,766.3	
11,804.5	9.7	11,781.7	
12,483.6	73.3	12,300.0	
12,484.9	73.5	12,300.2	
12,524.9	78.0	12,308.6	
12,525.9	78.1	12,308.8	
12,526.6	78.1	12,308.9	
17,114.6	92.1	12,230.7	Des: Liner Cement; Top MD: 11,762.0 ftKB; Btm MD: 22,457.0 ftKB; Date: 11/29/2019
17,125.3	92.4	12,230.4	
22,364.8	90.4	12,115.7	
22,368.4	90.4	12,115.7	
22,409.8	90.4	12,115.4	
22,411.7	90.4	12,115.4	
22,413.7	90.4	12,115.4	
22,454.7	90.1	12,115.2	
22,457.0	90.1	12,115.2	No.: 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.090 in; Depth MD: 25.0-12,526.6 ftKB; Length: 12,501.60 ft
			No.: 5; Des: Liner 1; OD: 4.000 in; ID: 2.563 in; Depth MD: 2.7-22,457.0 ftKB; Length: 22,459.71 ft

FRIZZLE FRY 15 WA FEDERAL COM 2H				
30-025-45890				
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
8/16/2019	11/27/2019	12/2/2019	22467 / 12326	3791
Casing detail	Surface	Intermediate	Production	Liner
Date	8/17/2019	8/30/2019	9/6/2019	11/28/2019
Hole size	17 1/2	12 1/4	8 3/4	6
Casing size	13 3/8	9 5/8	7	4 1/2
Weight	54.5	40	32	13.5
Type	J55	L80	P110	P110
Thread	STC	BTC	Evraz EB Everlock	VA ROUGHNECK
Top	0	0	0	11762
Depth (MD)	1086	8914	12527	22457
Amount jnts	26	210	309	260
Cement detail	Surface	Intermediate	Production	Liner
Date	8/17/2019	8/30/2019	9/8/2019	11/29/2019
Top depth KB	0	0	0	11762
Bottom depth KB	1096	8914	12526	22457
Lead sks	595	2825	840	
Yield	1.67	1.67	2.49	
Tail sks	345	415	160	1005
Yield	1.33	1.33	1.28	1.18
Spacer	30 bbls	40 bbls	50 bbls	30 BBLS
Class	C	C	C	H
Circulate to surface (sks)	440	387	113	248
Top meas. method	CIRCULATE	CIRUCLATE	CIRCULATE	CIRCULATE
TOC	0	0	0	11762
Pressure testing	Surface	Intermediate	Production	Liner
Date	8/19/2019	9/1/2019	11/10/2019	11/29/2019
PSI	1500	4000	5500	4813
Time (min)	30	30	30	30
Bled off	0	50	53	0
Drop	0%	1%	1%	0%
Good test	Yes	Yes	Yes	Yes