

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM27805

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator: MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS  
E-Mail: acovarrubias@marathonoil.com

3. Address: 5555 SAN FELIPE STREET HOUSTON, TX 77056 3a. Phone No. (include area code) Ph: 713.296.3368

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NWNW 274FNL 852FWL 32.398205 N Lat, 103.668365 W Lon  
At top prod interval reported below NWNW 273FNL 822FWL  
At total depth SESW 101FSL 1597FWL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. FRIZZLE FRY 15 WXY FED COM 7H

9. API Well No. 30-025-45892-00-S1

10. Field and Pool, or Exploratory WC 025 S223203A

11. Sec., T., R., M. or Block and Survey or Area LOWER WOLFCAMP OIL Sec 15 T22S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 08/13/2019 15. Date T.D. Reached 10/31/2019 16. Date Completed  D & A  Ready to Prod. 03/31/2020

17. Elevations (DF, KB, RT, GL)\* 3790 GL

18. Total Depth: MD 22217 TVD 12111 19. Plug Back T.D.: MD 22150 TVD 12111 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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	1074		920		0	
12.250	9.625 L80	40.0	0	8906		2050		0	
8.750	7.000 P110	32.0	0	11794		890		0	
8.750	5.500 P110	20.0	11794	22196		3740		2179	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	11699	11691						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			12320 TO 22126	0.000	1066	ACTIVE OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12320 TO 22126	24,401,721 LBS - 40/70; 100 MESH
12320 TO 22126	566 BBLS - 15% HCL ACID

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
04/02/2020	04/14/2020	24	→	1292.0	2142.0	2371.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38	1288	1017.0	→	1292	2142	2371		PGW	

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #514285 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

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
CASTILE	2621	4685	BRINE	CASTILE	2621
BASE OF SALT	4685	4685	BRINE	BASE OF SALT	4685
LAMAR	4685	4869	BRINE	LAMAR	4685
BELL CANYON	4869	5947	OIL, GAS, AND WATER	BELL CANYON	4869
CHERRY CANYON	5947	7008	OIL, GAS, AND WATER	CHERRY CANYON	5947
BRUSHY CANYON	7008	8752	OIL, GAS, AND WATER	BRUSHY CANYON	7008
BONE SPRING	8752	12232	OIL, GAS, AND WATER	BONE SPRING	8752
WOLFCAMP	12232	22217	OIL, GAS, AND WATER	WOLFCAMP	12232

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 #514285 Verified by the BLM Well Information System.**

**For MARATHON OIL PERMIAN LLC, sent to the Hobbs**

**Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/17/2020 (20JAS0226SE)**

Name (please print) ADRIAN COVARRUBIAS Title REGULATORY PROFESSIONAL

Signature (Electronic Submission) Date 05/06/2020

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.

## Revisions to Operator-Submitted EC Data for Well Completion #514285

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM27805	NMNM27805
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713.296.3368
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com  Ph: 713.296.3368
Well Name: Number:	FRIZZLE FRY 15 WXY FEDERAL COM 7H	FRIZZLE FRY 15 WXY FED COM 7H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 15 T22S R32E Mer NMP NWNW 273FNL 822FWL	NM LEA Sec 15 T22S R32E Mer NMP NWNW 274FNL 852FWL 32.398205 N Lat, 103.668365 W Lon
Field/Pool:	WC025 S223203A; LWR WC	WC 025 S223203A
Logs Run:	GR	GR
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP
Markers:	CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP