

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				5. Lease Serial No. NMNM27805	
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: acovarrubias@marathonoil.com				6. If Indian, Allottee or Tribe Name	
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056 3a. Phone No. (include area code) Ph: 713.296.3368				7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T22S R32E Mer NMP At surface NWNW 273FNL 762FWL 32.398205 N Lat, 103.668663 W Lon Sec 15 T22S R32E Mer NMP At top prod interval reported below NWNW 273FNL 792FWL Sec 22 T22S R32E Mer NMP At total depth SWSW 101FSL 993FWL				8. Lease Name and Well No. FRIZZLE FRY 15 TB FED COM 1H 9. API Well No. 30-025-45887-00-S1 10. Field and Pool, or Exploratory RED TANK-BONE SPRING 11. Sec., T., R., M., or Block and Survey or Area Sec 15 T22S R32E Mer NMP 12. County or Parish LEA 13. State NM 17. Elevations (DF, KB, RT, GL)* 3790 GL	
14. Date Spudded 08/15/2019		15. Date T.D. Reached 10/03/2019		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/31/2020	
18. Total Depth: MD 21990 TVD 11967		19. Plug Back T.D.: MD 21932 TVD 11966		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	1061		940		0	
12.250	9.625 L80	40.0	0	8910		2050		2476	
8.750	5.500 P110	20.0	0	21977		890		0	

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	11794	11786						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12024	21908	12024 TO 21908	0.000	1066	ACTIVE OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10024 TO 21908	754 BBLs - 15% HCL ACID
10024 TO 21908	24,373,317 LBS - 40/70; 100 MESH

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
04/03/2020	04/16/2020	24		1430.0	3028.0	3456.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 1469 SI	Csg. Press. 0.0	24 Hr. Rate	Oil BBL 1430	Gas MCF 3028	Water BBL 3456	Gas:Oil Ratio	Well Status	POW

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 #514185 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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	CHERRY CANYON	5947
CHERRY CANYON	5947	7008	OIL, GAS, AND WATER	BRUSHY CANYON	7008
BRUSHY CANYON	7008	8752	OIL, GAS, AND WATER	BONE SPRING	8752
BONE SPRING	8752	11967	OIL, GAS, AND WATER		

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 #514185 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 (20JAS0224SE)

Name(*please print*) ADRIAN COVARRUBIAS Title REGULATORY PROFESSIONAL

Signature _____ (Electronic Submission) Date 05/05/2020

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #514185

	Operator Submitted	BLM Revised (AFMSS)
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 TB FEDERAL COM 1H	FRIZZLE FRY 15 TB FED COM 1H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 15 T22S R32E Mer NMP NWNW 273FNL 792FWL	NM LEA Sec 15 T22S R32E Mer NMP NWNW 273FNL 762FWL 32.398205 N Lat, 103.668663 W Lon
Field/Pool:	RED TANK; BONE SPRING	RED TANK-BONE SPRING
Logs Run:	GR	GR
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	CASTILE BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	CASTILE BASE OF SALT LAMAR BEEL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	CASTILE BASE OF SALT LAMAR CHERRY CANYON BRUSHY CANYON BONE SPRING