

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-42882	⁵ Pool Name Purple Sage Wolfcamp	⁶ Pool Code 98712 98220
⁷ Property Code 314064 318184	⁸ Property Name Chicken Fry Federal Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

U/I or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	22	24S	28E		475'	North	200'	East	Eddy

¹¹ Bottom Hole Location

U/I or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	24S	28E		380' 321	South	320' 405	East	Eddy
¹² Use Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company, L.P. 212 North Clark Street, El Paso, TX 79905	O
NM OIL CONSERVATION ARTESIA DISTRICT FEB 24 2018 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 3/12/2017	²² Ready Date 9/24/2017	²³ TD 14,415' 9500	²⁴ PBD 14,276 MD	²⁵ Perforations 9,083' - 14,276'	²⁶ DHC, MC
²⁷ Hole Size 17 1/2"	²⁸ Casing & Tubing Size 13 3/8"	²⁹ Depth Set 120'	³⁰ Sacks Cement 370 - CUC cement to surface		
12 1/4"	9 5/8"	2,600'	820 - CUC		
8 3/4"	7"	9,934'	1040 - CUC		
6 1/8"	5 1/2" 4 1/2" 2 7/8"	0-8782 8782-14,415' 8745	400 - CUC		

V. Well Test Data

³¹ Date New Oil 9/24/2017	³² Gas Delivery Date	³³ Test Date 9/24/2017	³⁴ Test Length 24 hrs	³⁵ Thg. Pressure 0	³⁶ Csg. Pressure 2325
³⁷ Choke Size 30	³⁸ Oil 238	³⁹ Water 3423	⁴⁰ Gas 470		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Jennifer Van Curen		OIL CONSERVATION DIVISION	
Printed name: Jennifer Van Curen		Approved by: Rusty Klein	
Title: Sr. Regulatory Compliance		Title: Business Ops Mgr	
E-mail Address: jvancuren@marathonoil.com		Approval Date: 2-28-2018	
Date: 2/22/2018	Phone: 713 296 2500		

12.4.18

OIL CONSERVATION
ARTESIA DISTRICT

FEB 24 2018

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NNMN0556542	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MARATHON OIL PERMIAN LLC		7. Unit or CA Agreement Name and No.	
Contact: JENNIFER VAN CUREN E-Mail: jvancuren@marathonoil.com		8. Lease Name and Well No. CHICKEN FRY FEDERAL COM 1H	
3. Address 5555 SAN FELIPE HOUSTON, TX 77056		9. API Well No. 30-015-42882	
Phone No. (include area code) 3-296-2500		10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP	
4. Location of Well (Report in accordance with Federal requirements)* At surface Lot A 475FNL 200FEL At top prod interval reported below Lot A 475FNL 200FEL At total depth Lot P 221FSL 405FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T24S R28E Mer	
14. Date Spudded 03/12/2017		15. Date T.D. Reached	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/23/2017		17. Elevations (DF, KB, RT, GL)* 3027 KB 2999'	
18. Total Depth: MD 14415 TVD 9666 9566		19. Plug Back T.D.: MD 14276 TVD 9666	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD AND 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	0 120	420		370		0	105
12.250	9.625 J55	40.0	0 400	2600		820		0	
8.750	7.000 P110	26.0	0 2600	9934		1040		0	197
6.125	4.500 P110	13.5	8782 9934	14415		400		8782	
	5.500 P110 20	0	8782						

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	8745	8730						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	1088	15680	9627 TO 14276	0.420	990	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9627 TO 14276	11,720,300 LBS - 30/50; 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
09/24/2017	09/24/2017	24	→	238.0	470.0	3423.0			30% FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30	0	2325.0	→					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 #405480 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

INTERM Reclamation 6 months from 9/23/17

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
				SURFACE	0
				SURFACE QUATERNARY ALLUVIUM	0
				RUSTLER	250
				CASTILE	450
				BASE SALT	1800
				LAMAR	1975
				BELL CANYON	2100
				CHERRY CANYON	2815

32. Additional remarks (include plugging procedure):

Formation (Log) Marker Continued:

-Brushy Canyon 3975
 -Bone Spring Lime 5450
 -First Bone Spring 6575
 -Second Bone Spring 6750
 -Third Bone Spring 7050
 -Wolfcamp 7225

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 #405480 Verified by the BLM Well Information System.
 For MARATHON OIL PERMIAN LLC, sent to the Carlisbad
 Committed to AFMSS for processing by DUNCAN WHITLOCK on 02/28/2018 ()

Name (please print) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 02/22/2018

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Additional data for transaction #405480 that would not fit on the form

32. Additional remarks, continued

-Wolfcamp X Target 8550