

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 - 025-45093	⁵ Pool Name PITCHFORK RANCH; WOLFCAMP, SOUTH (OIL)	⁶ Pool Code 96994
⁷ Property Code 322257	⁸ Property Name DOGIE DRAW 14 TB FED COM	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	14	25S	34E		2600	SOUTH	596	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	25S	34E		101	SOUTH	322	WEST	LEA

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	ORYX GATHERING	O
	LUCID ENERGY	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBD	²⁵ Perforations	²⁶ DHC, MC
1/24/2019	10/21/2019	20179' / 12756'	20121' / 12755'	12508' - 20079'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8", 54.5#, J55, STC	1025'	1100		
12 1/4"	9 5/8", 40#, J55, LTC	5338'	1408		
8 3/4"	7", 29#, P110, Roughneck	11639'	945		
6 1/8"	4 1/2", 13.5#, P110, Roughneck Tubing 2 7/8"	11328' - 20169' Tubing: 11227'	935		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
10/21/2019		11/1/2019	24 hrs	0	1750
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
32	1465	2636	1587	P	

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: *Adrian Covarrubias*

Printed name: Adrian Covarrubias

Title: Regulatory Professional

E-mail Address: acovarrubias@marathonoil.com

Date: 12/11/2019

Phone: 713-296-3368

OIL CONSERVATION DIVISION

Approved by:

P. Martin

Title:

L.M.

Approval Date:

12/11/2019

RECEIVED
DEC 16 2019
HOBBS OGD

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.
NMNM136221

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: **jvancuren@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 **Sec 14 T25S R34E Mer NMP NWSW 2600FSL 596FWL 32.130268 N Lat, 103.446899 W Lon**
At top prod interval reported below **Sec 14 T25S R34E Mer NMP NWSW 2600FSL 596FWL**
At total depth **Sec 23 T25S R34E Mer NMP SWSW 101FSL 322FWL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **DOGIE DRAW 14 WA FED COM 2H**

9. API Well No. **30-025-45093-00-S1**

10. Field and Pool, or Exploratory **PITCHFORK RANCH**

11. Sec., T., R., M., or Block and Survey or Area **UNKNOWN Sec 14 T25S R34E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **01/24/2019** 15. Date T.D. Reached **04/07/2019** 16. Date Completed D & A Ready to Prod. **10/21/2019**

17. Elevations (DF, KB, RT, GL)* **3331 GL**

18. Total Depth: MD **20179** TVD **12756** 19. Plug Back T.D.: MD **20121** TVD **12755** 20. Depth Bridge Plug Set: MD **20121** TVD **12755**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **MUDANDGR**

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	1025		1100		0	
12.250	9.625 J55	40.0	0	5338		1408		0	
8.750	7.000 P110	29.0	0	11639		945		0	✓ p.m.
6.125	4.500 P110	13.5	11328	20169		935		11328	

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	11227	11208						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP SOUTH			12508 TO 20079	0.000	832	ACTIVE OPEN
B) WOLFCAMP	12508	20079				
C)						
D)						

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

Depth Interval	Amount and Type of Material
12508 TO 20079	16,756,352 LBS - 40/70; 100 MESH
12508 TO 20079	967 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
10/21/2019	11/01/2019	24	▶	1465.0	1587.0	2636.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
32	SI	1750.0	▶	1465	1587	2636	1083	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
10/21/2019	11/01/2019	24	▶	1465.0	1587.0	2636.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
32	SI	1750.0	▶	1465	1587	2636		POW	

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

ELECTRONIC SUBMISSION #495549 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
SALADO	1364	5087	BRINE	SALADO	1364
BASE OF SALT	5087	5419	BRINE	BASE OF SALT	5087
BELL CANYON	5419	6736	OIL, GAS, AND WATER	BELL CANYON	5419
CHERRY CANYON	6736	7982	OIL, GAS, AND WATER	CHERRY CANYON	6736
BRUSHY CANYON	7982	9318	OIL, GAS, AND WATER	BRUSHY CANYON	7982
BONE SPRING	9318	12443	OIL, GAS, AND WATER	BONE SPRING	9318
WOLFCAMP	12443	12756	OIL, GAS, AND WATER	WOLFCAMP	12443

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 #495549 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 12/12/2019 (20JAS0113SE)**

Name (please print) ADRIAN COVARRUBIAS Title CTR - TECHNICIAN HES

Signature (Electronic Submission) Date 12/12/2019

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #495549

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM136221	NMNM136221
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 CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS CTR - TECHNICIAN HES E-Mail: jvancuren@marathonoil.com Ph: 713-296-3368
Well Name: Number:	DOGIE DRAW 14 WA FEDERAL COM 2H	DOGIE DRAW 14 WA FED COM 2H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 14 T25S R34E Mer NMP NWSW 2600FSL 596FWL	NM LEA Sec 14 T25S R34E Mer NMP NWSW 2600FSL 596FWL 32.130268 N Lat, 103.446899 W Lon
Field/Pool:	PITCHFORK RANCH; WOLFCAMP	PITCHFORK RANCH
Logs Run:	MUD AND GR	MUDANDGR
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP SOUTH WOLFCAMP
Porous Zones:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP
Markers:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP