

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 - 025-45091	⁵ Pool Name FAIRVIEW MILLS; BONE SPRING	⁶ Pool Code 96340
⁷ Property Code 322255	⁸ Property Name DOGIE DRAW 14 AV FED COM	⁹ Well Number 24H

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	656	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	320	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					

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 PBDT	²⁵ Perforations	²⁶ DHC, MC
1/20/2019	10/21/2019	17027' / 9608'	16968' / 9616'	9413' - 16925'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8", 54.5#, J55, STC	1024'	1100		
12 1/4"	9 5/8", 40#, J55, LTC	5312'	1360		
8 3/4"	5 1/2", 20#, P110, Roughneck	17013'	3180		
	Tubing 2 7/8"	9225			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
10/23/2019		11/23/2019	24 hrs	70	930
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
22	282	2316	1985		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:

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:

Title:

Approval Date:

P. M. [Signature]
L. M. [Signature]
12/19 / 2019

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			5. Lease Serial No. NMNM136221		
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: ADRIAN COVARRUBIAS E-Mail: jvancuren@marathonoil.com			6. If Indian, Allottee or Tribe Name		
3. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056			7. Unit or CA Agreement Name and No.		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 14 T25S R34E Mer NMP At surface NWSW 2600FSL 656FWL 32.130268 N Lat, 103.446701 W Lon Sec 14 T25S R34E Mer NMP At top prod interval reported below NWSW 2600FSL 656FWL Sec 23 T25S R34E Mer NMP At total depth SWSW 100FSL 330FWL			8. Lease Name and Well No. DOGIE DRAW 14 AV FED COM 24H 9. API Well No. 30-025-45091-00-S1		
14. Date Spudded 01/20/2019			15. Date T.D. Reached 03/09/2019		
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/21/2019			17. Elevations (DF, KB, RT, GL)* 3331 GL		
18. Total Depth: MD 17027 TVD 9608		19. Plug Back T.D.: MD 16968 TVD 9616		20. Depth Bridge Plug Set: MD TVD	
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	1024		1100		0	
12.250	9.625 J55	40.0	0	5312		1360		0	
8.750	5.500 P110	20.0	0	17013		3180		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	9225	9205						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9413	16925	9413 TO 16925	0.000	832	ACTIVE OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9413 TO 16925	15,397,879 LBS - 40/70; 100 MESH
9413 TO 16925	449 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
10/23/2019	11/23/2019	24	→	282.0	1985.0	2316.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
22	SI	930.0	→	282	1985	2316		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	
	SI		→						

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

ELECTRONIC SUBMISSION #495553 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #495553

	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 AV FEDERAL COM 24H	DOGIE DRAW 14 AV FED COM 24H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 14 T25S R34E Mer NMP	Sec 14 T25S R34E Mer NMP
Surf Loc:	NWSW 2600FSL 656FWL	NWSW 2600FSL 656FWL 32.130268 N Lat, 103.446701 W Lon
Field/Pool:	RED HILLS; BONE SPRING	RED HILLS-BONE SPRINGS
Logs Run:	MUD AND GR	MUDANDGR
Producing Intervals - Formations:	BONE SPRINGS	BONE SPRING
Porous Zones:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	SALADO BASE OF SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING