

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 87411
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

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 - 025-41968	⁵ Pool Name DIAMONDTAIL; BONE SPRING	⁶ Pool Code 17644
⁷ Property Code 313468-321028	⁸ Property Name URRACA 11 SB FEDERAL COM	⁹ Well Number 4H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	11	23S	32E		362	FNL	459	FWL	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	11	23S	32E		286	FSL	631	FWL	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
248440	Western Refining Company, L.P.	O
	Lucid Energy	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
6/21/2018	1/4/19	9/8/2018		10918-14065	
²⁷ Hole Size	²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement	
17 1/2"	13 3/8"		1288'	1090	
12 1/4"	9 5/8"		4889'	1755	
8 3/4"	5 1/2"		15575'	2690	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
1/15/2019		1/15/2019	24 hrs	0	640
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
64	475	2885	972	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: *Adrian Covarrubias*

Printed name: Adrian Covarrubias

Title: CTR - Technician HES

E-mail Address: acovarrubias@marathonoil.com

Date: 1/21/2019 Phone: 713-296-3368

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *2-26-19*

Documents pending BLM approvals will subsequently be reviewed and scanned

Provide tubing detail when available

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM85940

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **MARATHON OIL PERMIAN LLC** Contact: **JENNIFER VAN CUREN**
E-Mail: **jvancuren@marathonoil.com**

8. Lease Name and Well No.
URRACA 11 SB FEDERAL COM 4H

3. Address **5555 SAN FELIPE ST
HOUSTON, TX 77056**

3a. Phone No. (include area code)
Ph: **713-296-2500**

9. API Well No.
30-025-41968

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWNW 362FNL 459FWL**
 At top prod interval reported below **NWNW 362FNL 459FWL**
 At total depth **SWSW 286FSL 631FWL**

10. Field and Pool, or Exploratory
DIAMONDTAIL; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area **Sec 11 T23S R32E Mer NMP**

12. County or Parish
LEA

13. State
NM

14. Date Spudded
06/21/2018

15. Date T.D. Reached
09/08/2018

16. Date Completed
 D & A Ready to Prod.
01/04/2019

17. Elevations (DF, KB, RT, GL)*
3713 GL

18. Total Depth: MD **15582**
TVD **10955**

19. Plug Back T.D.: MD **MD**
TVD **TVD**

20. Depth Bridge Plug Set: MD **MD**
TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD & 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	1288	1288	1090		0	422
12.250	9.625 J55	40.0	0	4889	4889	1755		0	631
8.750	5.500 P110	20.0	0	15575	15575	2690		5000	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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10918	14065	10918 TO 14065	0.360	624	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10918 TO 14065	10,574,330 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
01/05/2019	01/15/2019	24	→	475.0	972.0	2885.0			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	
64	0	640.0	→					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 #452522 VERIFIED BY THE BLM WELL INFORMATION SY.

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

Documents pending BLM approvals will subsequently be reviewed and scanned

PRINTED **

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	1206	N/A	RUSTLER	1206
RUSTLER	1206	1679	N/A	SALADO	1679
SALADO	1679	3565	N/A	CASTILE	3565
CASTILE	3565	4827	N/A	BASE OF SALT	4827
BASE OF SALT	4827	4944	N/A	LAMAR	4944
LAMAR	4944	5002	N/A	BELL CANYON	5002
BELL CANYON	5002	6084	HYDROCARBONS	CHERRY CANYON	84
CHERRY CANYON	6084	7073	N/A	BRUSHY CANYON	7073

32. Additional remarks (include plugging procedure):
Summary of Porous Zones (continued)

Brushy Canyon 7073 - 8769 Hydrocarbons
Bone Spring 8769 - 1095' Hydrocarbons

Formation (Log) Markers (continued)

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 #452522 Verified by the BLM Well Information System.
For MARATHON OIL PERMIAN LLC, sent to the Hobbs

Name (please print) JENNIFER VAN CUREN Title SR. REGULATORY COMPLIANCE REP

Signature _____ (Electronic Submission) Date 01/30/2019

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.

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

Additional data for transaction #452522 that would not fit on the form

32. Additional remarks, continued

Bone Spring 8769'