

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
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 - 025-42226	⁵ Pool Name DIAMONDTAIL; BONE SPRING	⁶ Pool Code 17644
⁷ Property Code 321028	⁸ Property Name URRACA 11 AV FEDERAL 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
C	11	23S	32E		430	FNL	1614	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
N	11	23S	32E		286	FSL	1979	FWL	LEA

¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 9/14/2018	²² Ready Date 1-1-19	²³ TD 9/27/2018	²⁴ PBSD	²⁵ Perforations 9680-14216	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1278'	1155		
12 1/4"	9 5/8"	4886'	1650		
8 3/4"	5 1/2"	14347	2760		

V. Well Test Data

³¹ Date New Oil 1/3/2019	³² Gas Delivery Date	³³ Test Date 1/13/2019	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 510
³⁷ Choke Size 64	³⁸ Oil 510	³⁹ Water 2598	⁴⁰ Gas 968	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: <i>[Signature]</i>	OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: <i>[Signature]</i> Approval Date: 2-26-19
Printed name: Adrian Covarrubias	
Title: CTR - Technician HES	
E-mail Address: acovarrubias@marathonoil.com	
Date: 1/21/2019	Phone: 713-296-3388

Documents pending BLM approvals will subsequently be reviewed and scanned

Provide Additional Points required by new Horizontal Rule effective 6-26-18
Provide tubing detail when available

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

HOBBES OCD
FEB 20 2019
RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM85940		
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			Contact: JENNIFER VAN CUREN E-Mail: jvancuren@marathonoil.com		
3. Address 5555 SAN FELIPE ST HOUSTON, TX 77056			3a. Phone No. (include area code) Ph: 713-296-2500		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 460FNL 1624FWL At top prod interval reported below NENW 460FNL 1624FWL At total depth SESW 286FSL 1979FWL			7. Unit or CA Agreement Name and No.		
14. Date Spudded 09/14/2018			15. Date T.D. Reached 09/27/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/01/2019			8. Lease Name and Well No. URRACA 11 AV FEDERAL COM 24H		
18. Total Depth: MD 14356 TVD 9696			19. Plug Back T.D.: MD TVD		
20. Depth Bridge Plug Set: MD TVD			9. API Well No. 30-025-42226		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD & GR			10. Field and Pool, or Exploratory DIAMONDTAIL; BONE SPRING		
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)			11. Sec., T., R., M., or Block and Survey or Area Sec 11 T23S R32E Mer NMP		
23. Casing and Liner Record (Report all strings set in well)			12. County or Parish LEA		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3715 GL		

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cemen- ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1278	1278	1155		0	486
12.250	9.625 J55	40.0	0	4886	4886	1650		0	657
8.750	5.500 P110	20.0	0	14347	14347	2760		0	819

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9680	14216	9680 TO 14216	0.360	672	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
9680 TO 14216	10,679,120 LBS - 40/70;100 MESH

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/03/2019	01/13/2019	24	→	510.0	968.0	2598.0			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	510.0	→					POW	

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		
			→						

Documents pending BLM approvals will subsequently be reviewed and scanned

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	1676	N/A	SALADO	1676
SALADO	1676	3562	N/A	CASTILE	3562
CASTILE	3562	4824	N/A	BASE OF SALT	4824
BASE OF SALT	4824	4941	N/A	LAMAR	4941
LAMAR	4941	4996	N/A	BELL CANYON	4996
BELL CANYON	4996	6102	HYDROCARBONS	CHERRY CANYON	6102
CHERRY CANYON	6102	7120	N/A	BRUSHY CANYON	7120

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

Brushy Canyon 7120 - 8733' NA
Bone Spring 8733 - 9668' 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 #452532 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 #452532 that would not fit on the form

32. Additional remarks, continued

Bone Spring 8733'