

State of New Mexico  
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham  
Governor

Sarah Cottrell Propst  
Cabinet Secretary

Todd E. Leahy, JD, PhD  
Deputy Secretary

Adrienne Sandoval, Division Director  
Oil Conservation Division



## Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

### Test Allowable New Well and Recompleted Well

*Amend C-104*

- ☒ C-103 (or BLM equivalent) for all casing strings
- ☐ Spud Notice
  - ☐ Surface Casing
  - ☐ Intermediate Casing (if applicable)
  - ☐ Additional Intermediate Casing (if applicable)
  - ☐ Production Casing or Liner

*\* IN THE FUTURE SUBMIT  
ALL C-103'S VIA HARD COPY*

☐ Applicable Order (NSL, NSP, Other \_\_\_\_\_)

☐ Deviation Survey for Vertical Wells

☒ Directional Survey *Certified*

☒ C-102 (As-Drilled Plat for Horizontal Well)

*Certified C-102 Required*

### New Well and Recompleted Well Only

☒ C-103 Completion Sundry (or BLM equivalent)

☒ C-105 Completion Report (or BLM equivalent) *Amend*

☐ All Logs Run on Well

**If you have any questions please contact the local OCD District Office**

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

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

Form C-104  
Revised August 1, 2011

RECEIVED

AUG 21 2019

Submit one copy to appropriate District Office  
DISTRICT II-ARTESIA O.C.D.  
AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		<sup>2</sup> OGRID Number 372098
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 015-45348	<sup>5</sup> Pool Name PURPLE SAGE; WOLFCAMP (GAS)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 321635	<sup>8</sup> Property Name RICK DECKARD 4 WXY STATE	<sup>9</sup> Well Number 8H

II. <sup>10</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	4	25S	28E		820	NORTH	1712	WEST	EDDY

<sup>11</sup> Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	25S	28E		265	SOUTH	1661	WEST	EDDY
<sup>12</sup> Lse Code S	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	ENTERPRISE CRUDE OIL - LE	O
	SENDERO MIDSTREAM	G

IV. Well Completion Data

<sup>21</sup> Spud Date 4/1/2019	<sup>22</sup> Ready Date 7/13/2019	<sup>23</sup> TD 14267' / 9466'	<sup>24</sup> PBDT	<sup>25</sup> Perforations 9571' - 14170'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	458'	615		
12 1/4"	9 5/8"	2491'	770		
8 3/4"	5 1/2"	14225'	2840		
	2 7/8"	9,319			

V. Well Test Data

<sup>31</sup> Date New Oil 7/13/2019	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date 7/29/2019	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 1460
<sup>37</sup> Choke Size 40	<sup>38</sup> Oil 1374	<sup>39</sup> Water 2860	<sup>40</sup> Gas 1056	<sup>41</sup> Test Method Flowing	

<sup>42</sup> 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: 8/20/2019

Phone: 713-296-3368

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval:

**DENIED**

See Attached Cover Sheet

\* add tbg. info & class for each



RECEIVED

Intent ☐ As Drilled ☒

AUG 21 2019

API #  
30-015-45348

DISTRICT//ARTESIAO.C.D.

Operator Name: Marathon Oil Permian LLC	Property Name: Rick Deckard 4 WXY State	Well Number 8H
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## Kick Off Point (KOP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 112	From N/S	Feet 1646	From E/W W	County Eddy
Latitude 32.16619792					Longitude -104.09570195			NAD 83	

## First Take Point (FTP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 330	From N/S N	Feet 1640	From E/W W	County Eddy
Latitude 32.16559980					Longitude -104.09572477			NAD 83	

## Last Take Point (LTP)

UL N	Section 4	Township 25S	Range 28E	Lot	Feet 330	From N/S S	Feet 1660	From E/W W	County EDDY
Latitude 32.15275290					Longitude -104.09573632			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 811 S. First St., Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505		<b>Form C-105</b> Revised April 3, 2017												
		<i>AUG 21 2019</i> <i>DISTRICT ARTESIA AGCD</i>		1. WELL API NO. 30-015-45348												
				2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN												
				3. State Oil & Gas Lease No.												
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13 K NMAC)				5. Lease Name or Unit Agreement Name <b>RICK DECKARD 4 WXY STATE</b>  6. Well Number:  <b>2H</b>												
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER																
8. Name of Operator <b>Marathon Oil Permian LLC</b>				9. OGRID <b>372098</b>												
10. Address of Operator <b>5555 San Felipe St., Houston, TX 77056</b>				11. Pool name or Wildcat <b>PURPLE SAGE; WOLFCAMP (GAS)</b>												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County						
<b>Surface:</b>	<b>C</b>	<b>4</b>	<b>25S</b>	<b>28E</b>		<b>820</b>	<b>N</b>	<b>1712</b>	<b>W</b>	<b>EDDY</b>						
<b>BH:</b>	<b>N</b>	<b>4</b>	<b>25S</b>	<b>28E</b>		<b>265</b>	<b>S</b>	<b>1661</b>	<b>W</b>	<b>EDDY</b>						
13. Date Spudded <b>4/1/2019</b>		14. Date T.D. Reached <b>5/14/2019</b>		15. Date Rig Released <b>5/16/2019</b>		16. Date Completed (Ready to Produce) <b>7/13/2019</b>		17. Elevations (DF and RKB, RT, GR, etc.) <b>3002' GL</b>								
18. Total Measured Depth of Well <b>14267' / 9466'</b>				19. Plug Back Measured Depth		20. Was Directional Survey Made? <b>Yes</b>		21. Type Electric and Other Logs Run <b>MUD GR</b>								
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>9571' - 14170'; WOLFCAMP</b>																
<b>CASING RECORD (Report all strings set in well)</b>																
<b>CASING SIZE</b>		<b>WEIGHT LB./FT.</b>		<b>DEPTH SET</b>		<b>HOLE SIZE</b>		<b>CEMENTING RECORD</b>		<b>AMOUNT PULLED</b>						
13 3/8"		54.5 / J55		458'		17 1/2"		615								
9 5/8"		36 / J55		2591'		12 1/4"		770								
5 1/2"		20 / P110		14225'		8 3/4"		2840								
<b>24. LINER RECORD</b>																
<b>SIZE</b>	<b>TOP</b>	<b>BOTTOM</b>	<b>SACKS CEMENT</b>	<b>SCREEN</b>	<b>25. TUBING RECORD</b>											
					<b>SIZE</b>	<b>DEPTH SET</b>	<b>PACKER SET</b>									
26. Perforation record (interval, size, and number) <b>9571' - 14170'; 0.36", 552 shots</b>					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="font-size: x-small;">DEPTH INTERVAL</th> <th style="font-size: x-small;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td><b>9571' - 14170'</b></td> <td><b>11,518,823 lbs - 40/70; 100 Mesh</b></td> </tr> <tr> <td></td> <td><b>5,985 gal - 15% HCl Acid</b></td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	<b>9571' - 14170'</b>	<b>11,518,823 lbs - 40/70; 100 Mesh</b>		<b>5,985 gal - 15% HCl Acid</b>
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED															
<b>9571' - 14170'</b>	<b>11,518,823 lbs - 40/70; 100 Mesh</b>															
	<b>5,985 gal - 15% HCl Acid</b>															
<b>28. PRODUCTION</b>																
Date First Production <b>7/13/2019</b>		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) <b>Flowing</b>				Well Status ( <i>Prod. or Shut-in</i> ) <b>Producing</b>										
Date of Test <b>7/29/2019</b>	Hours Tested <b>24</b>	Choke Size <b>40</b>	Prod'n For Test Period	Oil - Bbl <b>1374</b>	Gas - MCF <b>1056</b>	Water - Bbl. <b>2860</b>	Gas - Oil Ratio									
Flow Tubing Press. <b>0</b>	Casing Pressure <b>1460</b>	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )										
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) <b>sold</b>						30. Test Witnessed By										
31. List Attachments																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.						33. Rig Release Date:										
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																
Latitude Longitude NAD83																
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																
Signature		Printed Name <b>Adrian Covarrubias</b>		Title <b>CTR - Technician HES</b>			Date <b>8/20/2019</b>									
E-mail Address <b>acovarrubias@marathonoil.com</b>																

# LINK

completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinébry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from ..... to ..... feet.

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

## **Geological Tops**

Rick Deckard 4 WXY State 8H

Surface	0
Salado	651
Castile	847
Base Salt	2398
Lamar	2498
Delaware Sands (Bell Canyon)	2529
Cherry Canyon	3354
Brushy Canyon	4536
Bone Spring	6143
Wolfcamp	9364