

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



4/7/20

## 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

30-D15-44691

Amend C-104

PLEASE SEE  
ATTACHED.

- ☐ 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
- ☐ Applicable Order (NSL, NSP, Other \_\_\_\_\_)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
  - ☒ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent) PBTD MISSING
- ☐ C-105 Completion Report (or BLM equivalent)
- ☒ All Logs Run on Well Are they all submitted.

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

PLEASE ELECTRONICALLY SUBMIT VIA E-DOCS AS 1 PDF FILE

1220 South St. Francis Drive • Santa Fe, New Mexico 87505  
Phone (505) 476-3460 • Fax (505) 476-3462 • [www.emnrd.state.nm.us/ocd](http://www.emnrd.state.nm.us/ocd)

THANK YOU.

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  
Santa Fe, NM 87505

RECEIVED

MAR 04 2020

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

EMNRD-OCDA ARTESIA

UNDEVELOPED 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 - 015-44691	<sup>5</sup> Pool Name PURPLE SAGE; WOLFCAMP (GAS)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 324951	<sup>8</sup> Property Name CATAPULT 1 WA FEE	<sup>9</sup> Well Number 5H

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	36	22S	26E		337	SOUTH	1417	EAST	EDDY

<sup>11</sup> 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
O	1	23S	26E		286	SOUTH	2357	EAST	EDDY
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code P	<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
16587	ORYX ENERGY CO	O
327139	SENDERO MIDSTREAM	G

IV. Well Completion Data

<sup>21</sup> Spud Date 11/25/2018	<sup>22</sup> Ready Date 1/23/2020 ✓	<sup>23</sup> TD 14035' / 8799'	<sup>24</sup> PBTD 13981' / 8802'	<sup>25</sup> Perforations 9405' - 13909'	<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", 54.5#, J55, STC	448'		475	
12 1/4"	9 5/8", 36#, J55, LTC	1940'		710	
8 3/4"	7", 29#, P110, Roughneck	9274'		795	
6 1/8"	4 1/2", 13.5#, P110, Roughneck Tubing: 2-7/8"	8361' - 14026' Tubing: 8282'		555	

V. Well Test Data

<sup>31</sup> Date New Oil 1/29/2020	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date 2/29/2020	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 311	<sup>36</sup> Csg. Pressure 1098
<sup>37</sup> Choke Size 64	<sup>38</sup> Oil 962	<sup>39</sup> Water 2654	<sup>40</sup> Gas 2042		<sup>41</sup> Test Method Pumping

<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: Regulatory Professional

E-mail Address: acovarrubias@marathonoil.com

Date: 3/2/2020

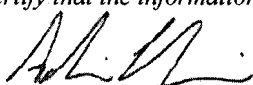
Phone: 713-296-3368

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Submit To Appropriate District Office Two Copies 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		<b>State of New Mexico</b> <b>Oil, 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												
<b>RECEIVED</b> <b>MAR 04 2020</b> <b>ENNRD-OCD ARTESIA</b>																
<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>CATAPULT 1 WA FEE</b>  6. Well Number:  <b>5H</b>												
7. Type of Completion: <input checked="" type="checkbox"/> <b>NEW WELL</b> <input type="checkbox"/> <b>WORKOVER</b> <input type="checkbox"/> <b>DEEPENING</b> <input type="checkbox"/> <b>PLUGBACK</b> <input type="checkbox"/> <b>DIFFERENT RESERVOIR</b> <input type="checkbox"/> <b>OTHER</b>																
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</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>O</b>	<b>36</b>	<b>22S</b>	<b>26E</b>		<b>337</b>	<b>S</b>	<b>1417</b>	<b>E</b>	<b>EDDY</b>						
<b>BH:</b>	<b>O</b>	<b>1</b>	<b>23S</b>	<b>26E</b>		<b>286</b>	<b>S</b>	<b>2357</b>	<b>E</b>	<b>EDDY</b>						
13. Date Spudded <b>11/25/2018</b>	14. Date T.D. Reached <b>12/16/2018</b>	15. Date Rig Released <b>1/8/2019</b>		16. Date Completed (Ready to Produce) <b>1/23/2020</b>		17. Elevations (DF and RKB, RT, GR, etc.) <b>3217' GR</b>										
18. Total Measured Depth of Well <b>14035' / 8799'</b>		19. Plug Back Measured Depth <b>13981' / 8802'</b>		20. Was Directional Survey Made? <b>Yes</b>		21. Type Electric and Other Logs Run <b>GR</b>										
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>9405' - 13909'; WOLFCAMP</b>																
<b>23. CASING RECORD (Report all strings set in well)</b>																
CASING SIZE		WEIGHT LB/FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED						
13-3/8"		54.5#, J55, STC		448'		17-1/2"		475								
9-5/8"		36#, J55, LTC		1940'		12-1/4"		710								
7"		29#, P110, Roughneck		9274'		8-3/4"		795								
<b>24. LINER RECORD</b>																
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD											
4-1/2"	8361'	14026'	555		SIZE	DEPTH SET	PACKER SET									
					2-7/8"	8282'	8268'									
26. Perforation record (interval, size, and number) <b>9405' - 13909', 0.42", 528</b>					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>9405' - 13909'</td> <td>11,551,007 lbs - 40/70; 100 Mesh</td> </tr> <tr> <td>9405' - 13909'</td> <td>5261 gal - 15% HCl Acid</td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	9405' - 13909'	11,551,007 lbs - 40/70; 100 Mesh	9405' - 13909'	5261 gal - 15% HCl Acid
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED															
9405' - 13909'	11,551,007 lbs - 40/70; 100 Mesh															
9405' - 13909'	5261 gal - 15% HCl Acid															
<b>28. PRODUCTION</b>																
Date First Production <b>1/29/2020</b>		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) <b>Gas Lift</b>				Well Status ( <i>Prod. or Shut-in</i> ) <b>Producing</b>										
Date of Test <b>2/29/2020</b>	Hours Tested <b>24</b>	Choke Size <b>64</b>	Prod'n For Test Period	Oil - Bbl <b>962</b>	Gas - MCF <b>2042</b>	Water - Bbl. <b>2654</b>	Gas - Oil Ratio									
Flow Tubing Press. <b>311</b>	Casing Pressure <b>1098</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>Regulatory Professional</b>			Date <b>3/2/2020</b>							
E-mail Address <b>acovarrubias@marathonoil.com</b>																

12-15-1966

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico	Northwestern New Mexico
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## OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....  
No. 4, from.....to.....

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

Lithology	From	To	Thickness In Feet
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From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**Geological Tops**  
**CATAPULT 1 WA FEE 5H**

Castile	480
Base Salt	1588
Lamar	1851
Delaware Sands (Bell Canyon)	2008
Cherry Canyon	2743
Brushy Canyon	3743
Bone Spring	5272
Wolfcamp	8940