

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

- \*  C-103 (or BLM equivalent) for all casing strings \* *SUBMIT HARD COPY C-103'S IN THE FUTURE*
- 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 *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

RECEIVED

AUG 21 2019

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

DISTRICT IV-ARTESIA/OJ

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 - 015-45344	<sup>5</sup> Pool Name PURPLE SAGE; WOLFCAMP (GAS)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 321636	<sup>8</sup> Property Name RICK DECKARD 4 WA STATE	<sup>9</sup> Well Number 2H

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
C	4	25S	28E		820	NORTH	1682	WEST	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
M	4	25S	28E		285	SOUTH	1007	WEST	EDDY

<sup>12</sup> Use Code	<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
S					

III. Oil and Gas Transporters

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

IV. Well Completion Data

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBDT	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
4/2/2019	7/13/2019	14330' / 9594'		9634' - 14233'	
<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"	439'		615	
12 1/4"	9 5/8"	2503'		770	
8 3/4"	5 1/2"	14291'		2840	

\* Apply for tbg. Exception - C-103

V. Well Test Data

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
7/14/2019		8/7/2019	24 hrs	0	875
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
64	1636	3559	3522	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: 8/19/2019  
Phone: 713-296-3368

OIL CONSERVATION DIVISION

Appr: **DENIED**  
Title: **See Attached Cover Sheet**  
Appr:

\* PLEASE include OGRID #5 ON C-104

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AUG 21 2019  
DISTRICT/ARTESIA/O.C.D.

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Filed August 1, 2011  
One copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-45344		<sup>2</sup> Pool Code 98220		<sup>3</sup> Pool Name PURPLE SAGE; WOLFCAMP (GAS)	
<sup>4</sup> Property Code		Property Name RICK DECKARD 4 WA STATE			<sup>6</sup> Well Number 2H
<sup>7</sup> OGRID No. 372098		<sup>8</sup> Operator Name MARATHON OIL PERMIAN LLC			<sup>9</sup> Elevation 3001'

<sup>10</sup> Surface Location

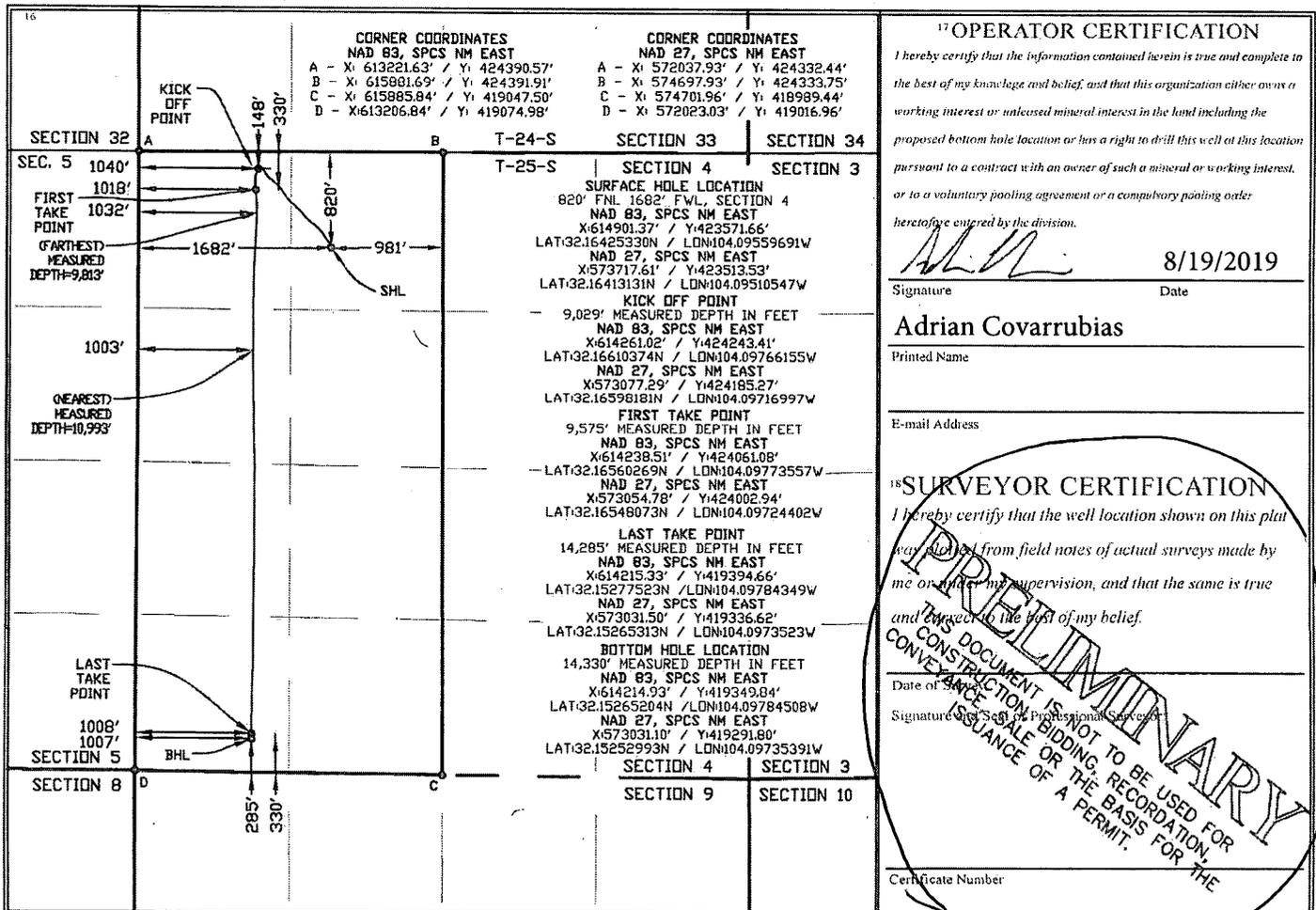
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	4	T25S	R28E		820	NORTH	1682	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	T25S	R28E		285	SOUTH	1007	WEST	EDDY

<sup>12</sup> Dedicated Acres 321.12	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.999915284  
CONVERGENCE: 0.1265074556'; NOTE: ALL DIMENSIONS IN U.S. FEET

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Intent  As Drilled

AUG 21 2019

API #  
30-015-45344

Operator Name: Marathon Oil Permian LLC	Property Name: Rick Deckard 4 WA State	DISTRICT//ARTESIA CO. Well Number 2H
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Kick Off Point (KOP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 148	From N/S N	Feet 1040	From E/W W	County Eddy
Latitude 32.16610374					Longitude -104.09766155			NAD 83	

First Take Point (FTP)

UL C	Section 4	Township 25S	Range 28E	Lot	Feet 330	From N/S N	Feet 1018	From E/W W	County Eddy
Latitude 32.16560269					Longitude -104.09773557			NAD 83	

Last Take Point (LTP)

UL M	Section 4	Township 25S	Range 28E	Lot	Feet 285	From N/S S	Feet 1007	From E/W W	County EDDY
Latitude 32.15277523					Longitude -104.09784349			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
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KZ 06/29/2018

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AUG 21 2019

DISTRICT III ARTESIA O.G.D.

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

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

Form C-105  
Revised April 3, 2017

1. WELL API NO.  
30-015-45344  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:  
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)  
 C-144 CLOSURE ATTACHMENT (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  
RICK DECKARD 4 WA STATE  
6. Well Number:  
2H

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator  
Marathon Oil Permian LLC

9. OGRID  
372098

10. Address of Operator  
5555 San Felipe St., Houston, TX 77056

11. Pool name or Wildcat  
PURPLE SAGE; WOLFCAMP (GAS)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	4	25S	28E		820	N	1682	W	EDDY
BH:	M	4	25S	28E		285	S	1007	W	EDDY

13. Date Spudded 4/2/2019  
14. Date T.D. Reached 6/6/2019  
15. Date Rig Released 6/9/2019  
16. Date Completed (Ready to Produce) 7/13/2019  
17. Elevations (DF and RKB, RT, GR, etc.) 3001' GL

18. Total Measured Depth of Well 14330' / 9594'  
19. Plug Back Measured Depth  
20. Was Directional Survey Made? Yes  
21. Type Electric and Other Logs Run MUD GR

22. Producing Interval(s), of this completion - Top, Bottom, Name  
9634' - 14233'; WOLFCAMP

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5 / J55	439'	17 1/2"	615	
9 5/8"	36 / J55	2503'	12 1/4"	770	
5 1/2"	20 / P110	14291'	8 3/4"	2840	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)  
9634' - 14233' ; 0.36", 552 shots

27. ACID, SHOT FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9634' - 14233'	11,429,887 lbs - 40/70; 100 Mesh
	6,741 gal - 15% HCl Acid

PRODUCTION

28. Date First Production 7/14/2019  
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing  
Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/7/2019	24	64		1636	3522	3559	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
0	875						

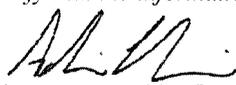
29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold  
30. Test Witnessed By

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 Adrian Covarrubias Title CTR - Technician HES Date 8/19/2019

E-mail Address acovarrubias@marathonoil.com



## Geological Tops

Rick Deckard 4 WA State 2H

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	9349