

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104  
Revised August 1, 2011

FEB 22 2018

Submit one copy to appropriate District Office

RECEIVED ☐ AMENDED REPORT

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

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		<sup>2</sup> OGRID Number 16696
		<sup>3</sup> Reason for Filing Code/ Effective Date - NW
<sup>4</sup> API Number 30 - 015-44293	<sup>5</sup> Pool Name COTTON DRAW; BONE SPRING	<sup>6</sup> Pool Code 13367
<sup>7</sup> Property Code: 317687	<sup>8</sup> Property Name: PALLADIUM MDP1 7-6 FEDERAL COM	<sup>9</sup> Well Number: 6H

**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
P	7	24S	31E		293	SOUTH	562	EAST	EDDY

<sup>11</sup> Bottom Hole Location TOP PERF- 351' FSL 461' FEL BOTTOM PERF- 383' FNL 469' FEL

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	24S	31E		198	NORTH	469	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : F	<sup>14</sup> Gas Connection Date: 12/15/17	<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
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 8/13/17	<sup>22</sup> Ready Date 11/18/17	<sup>23</sup> TD 20095'M 10059'V	<sup>24</sup> PBTD 20021'M 10059'V	<sup>25</sup> Perforations 10058-19910'	<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"	672'	856	✓	
12-1/4"	9-5/8"	4384'	1625	✓	
8-1/2"	5-1/2"	20075'	3015	✓	

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/19/17	<sup>32</sup> Gas Delivery Date 12/15/17	<sup>33</sup> Test Date 12/14/17	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressur 725
<sup>37</sup> Choke Size 52/128	<sup>38</sup> Oil 3955	<sup>39</sup> Water 5525	<sup>40</sup> Gas 4655		<sup>41</sup> Test Methc F

<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:

Printed name:  
Jana Mendiola

Title:  
Regulatory Coordinator

E-mail Address:  
janalyn\_mendiola@oxy.com

Date: 2/20/2018

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

2-28-2018

Pending BLM approvals will  
subsequently be reviewed  
and scanned

## NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 22 2018

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No. NMNM57273
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. PALLADIUM MDP1 7-6 FEDERAL COM 6H
9. API Well No. 30-015-44293
10. Field and Pool, or Exploratory COTTON DRAW; BONE SPRING
11. Sec., T., R., M., or Block and Survey or Area Sec 7 T24S R31E Mer NMP
12. County or Parish EDDY
13. State NM
17. Elevations (DF, KB, RT, GL)* 3525 GL
18. Total Depth: MD 20095 TVD 10059
19. Plug Back T.D.: MD 20021 TVD 10059
20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG, CBL
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)

## 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	672		856	207	0	
12.250	9.625 J55	36.0	0	4374		1625	522	0	
8.500	5.500 P110	20.0	0	20075		3015	903	1772	

## 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

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10058	19910	10058 TO 19910	0.420	1920	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10058 TO 19910	18071363G SLICK WATER + 60423G 15% HCL ACID W/ 18669694# SAND

## 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
11/19/2017	12/14/2017	24	→	3955.0	4655.0	5525.0			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	
52/128	SI	725.0	→	3955	4655	5525	1177	POW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio
	SI		→				

Pending BLM approvals will  
subsequently be reviewed  
and scanned

BC 3-2-18

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #405012 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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
BELL CANYON	4299	5220	OIL, GAS, WATER	RUSTLER	639
CHERRY CANYON	5221	6454	OIL, GAS, WATER	SALADO	958
BRUSHY CANYON	6455	8130	OIL, GAS, WATER	CASTILE	2312
BONE SPRING	8131	9115	OIL, GAS, WATER	DELAWARE	4276
1ST BONE SPRING	9116	9846	OIL, GAS, WATER	BELL CANYON	4299
2ND BONE SPRING	9847	10059	OIL, GAS, WATER	CHERRY CANYON	5221
				BRUSHY CANYON	6455
				BONE SPRING	8131

32. Additional remarks (include plugging procedure):  
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 9116'M  
2ND BONE SPRING 9847'M

Logs were mailed 2/20/18.

## 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 #405012 Verified by the BLM Well Information System.  
For OXY USA INC., sent to the Carlsbad**

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 02/20/2018

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 #405012 that would not fit on the form**

**32. Additional remarks, continued**

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.

# NM OIL CONSERVATION

ARTESIA DISTRICT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 22 2018

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
NMNM57273

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.  
PALLADIUM MDP1 7-6 FEDERAL COM 6H

2. Name of Operator  
OXY USA INC.  
Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

9. API Well No.  
30-015-44293

3a. Address  
P.O. BOX 50250  
MIDLAND, TX 79710

3b. Phone No. (include area code)  
Ph: 432-685-5936

10. Field and Pool or Exploratory Area  
COTTON DRAW; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 7 T24S R31E SESE 293FSL 562FEL  
32.225398 N Lat, 103.810207 W Lon

11. County or Parish, State  
EDDY COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

RUPU 10/12/17, RIH & clean out to PBTD @ 20021', pressure test csg to 9500# for 30 min, good test.  
RIH & perf @ 19910-19753, 19703-19546, 19496-19339, 19290-19138, 19083-18926, 18877-18720,  
18670-18516, 18463-18306, 18257-18100, 18050-17893, 17843-17646, 17636-17482, 17430-17273,  
17223-17066, 17016-16859, 16810-16653, 16603-16448, 16396-16239, 16190-16033, 15983-15826,  
15776-15619, 15570-15413, 15360-15210, 15156-14999, 14950-14793, 14743-14586, 14532-14379,  
14329-14169, 14123-13966, 13916-13759, 13709-13552, 13503-13346, 13296-13140, 13089-12932,  
12883-12726, 12676-12519, 12471-12312, 12263-12110, 12056-11899, 11849-11692, 11643-11486,  
11436-11279, 11229-11072, 11023-10866, 10816-10659, 10609-10452, 10404-10253, 10204-10058' Total  
1920 holes. Frac in 48 stages w/ 18071363g Slick Water + 60423g 15% HCl acid w/ 18669694# sand,  
RD Schlumberger 11/4/17. RIH & clean out, flow to clean up and test well for potential.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #405056 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 02/20/2018

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Off _____	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person to States any false, fictitious or fraudulent statements or representations as to any matter within i	Pending BLM approvals will subsequently be reviewed and scanned	of the United

(Instructions on page 2)

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

OXY USA Inc.  
Palladium MDP1 7-6 Federal Com 6H  
API No. 30-015-44293

