

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

JUN 04 2018

Form C-104  
 Revised August 1, 2011

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 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 - 015-44445	<sup>5</sup> Pool Name COTTON DRAW; BONE SPRING	<sup>6</sup> Pool Code 13367
<sup>7</sup> Property Code: 319619	<sup>8</sup> Property Name: PATTON MDP1 17 FEDERAL	<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	8	24S	31E		427	SOUTH	177	EAST	EDDY
<sup>11</sup> Bottom Hole Location TOP PERF- 377' FNL 438' FEL BOTTOM PERF- 363' FSL 389' FEL									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	24S	31E		186	SOUTH	376	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : P		<sup>14</sup> Gas Connection Date: 3/8/18		<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 11/30/17	<sup>22</sup> Ready Date 3/8/18	<sup>23</sup> TD 15026'M 10070'V	<sup>24</sup> PBDT 14975'M 10077'V	<sup>25</sup> Perforations 10299-14848'	<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"		699'	895
12-1/4"		9-5/8"		4406'	1570
8-1/2"		5-1/2"		15021'	2216

**V. Well Test Data**

<sup>31</sup> Date New Oil 3/8/18	<sup>32</sup> Gas Delivery Date 3/8/18	<sup>33</sup> Test Date 3/15/18	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pre 925
<sup>37</sup> Choke Size 53/128	<sup>38</sup> Oil 1366	<sup>39</sup> Water 3536	<sup>40</sup> Gas 2368		<sup>41</sup> Test Me 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 Specialist

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

Date: 5/31/2018

Phone: 432-685-5936

Approved by:

Title:

Business Ops Spec A

Approval Date:

6-4-2018

Pending BLM approvals will  
 subsequently be reviewed  
 and scanned

Form 3160-4  
(August 2007)

JUN 04 2018

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT DISTRICT II-ARTESIA O.C.D.

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

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

3. Address: P.O. BOX 50250 MIDLAND, TX 79710 3a. Phone No. (include area code) Ph: 432-685-5936

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SESE 427FSL 177FEL 32.225775 N Lat, 103.791876 W Lon  
At top prod interval reported below NENE 377FNL 438FEL 32.223666 N Lat, 103.792743 W Lon  
At total depth SESE 186FSL 376FEL 32.210603 N Lat, 103.792750 W Lon

5. Lease Serial No. NMNM031963

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. PATTON MDP1 17 FEDERAL 6H

9. API Well No. 30-015-44445

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

11. Sec., T., R., M., or Block and Survey or Area Sec 8 T24S R31E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 11/30/2017 15. Date T.D. Reached 01/31/2018 16. Date Completed  D & A  Ready to Prod. 03/08/2018

17. Elevations (DF, KB, RT, GL)\* 3513 GL

18. Total Depth: MD 15026 TVD 10070 19. Plug Back T.D.: MD 14975 TVD 10077 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  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	699		895	217	0	
12.250	9.625 L80	47.0	0	4406		1570	493	0	
8.500	5.500 P110	20.0	0	15021		2216	663	1300	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	9650	9650						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10299	14848	10299 TO 14848	0.370	736	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10299 TO 14848	7436310G SLICK WATER + 23016G 7.5% HCL ACID + 13818G LINEAR GEL W/ 9194460# 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
03/08/2018	03/15/2018	24	▶	1366.0	2368.0	3536.0			GAS LIFT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
53/128	SI	925.0	▶	1366	2368	3536	1734	POW	

28a. Production - Interval B

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	
	SI		▶						

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
BELL CANYON	4389	5299	OIL, GAS, WATER	RUSTLER	612
CHERRY CANYON	5300	6472	OIL, GAS, WATER	SALADO	971
BRUSHY CANYON	6473	8252	OIL, GAS, WATER	CASTILE	3001
BONE SPRING	8253	9203	OIL, GAS, WATER	DELAWARE	4366
1ST BONE SPRING	9204	9956	OIL, GAS, WATER	BELL CANYON	4389
2ND BONE SPRING	9957	10077	OIL, GAS, WATER	CHERRY CANYON	5300
				BRUSHY CANYON	6473
				BONE SPRING	8253

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

1ST BONE SPRING 9204' MD  
2ND BONE SPRING 9957' MD

Logs were mailed 6/1/18.

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 #422148 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 05/31/2018

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 \*\***

**Additional data for transaction #422148 that would not fit on the form**

**32. Additional remarks, continued**

Log Header, Directional Survey (certified copy to follow), As-Drilled Amended C-102 plat & WBD are attached.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 04 2018

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

**SUNDRY NOTICES AND REPORTS ON WELLS II-ARTESIA O.C.D.**  
*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. NMNM031963
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. PATTON MDP1 17 FEDERAL 6H
9. API Well No. 30-015-44445
10. Field and Pool or Exploratory Area COTTON DRAW BONE SPRING
11. County or Parish, State EDDY COUNTY COUNTY, NM

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator OXY USA INC. Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com	
3a. Address P.O. BOX 50250 MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 432-685-5936
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T24S R31E Mer NMP SESE 427FSL 177FEL 32.225775 N Lat, 103.791876 W Lon	

**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 2/9/18, RIH & clean out to PBD @ 14975', pressure test csg to 9000# for 30 min, good test. RIH & perf @ 14848-14697, 14648-14487, 14451-14297, 14248-14097, 14048-13897, 13848-13697, 13648-13497, 13448-13297, 13248-13095, 13048-12897, 12848-12697, 12648-12497, 12444-12297, 12248-12097, 12050-11897, 11848-11697, 11648-11497, 11448-11297, 11248-11094, 11048-10897, 10848-10701, 10647-10497, 10448-10299' Total 736 holes. Frac in 23 stages w/ 7436310g Slick Water + 23016g 7.5% HCl acid + 13818g linear gel w/ 9194460# sand, RD Schlumberger 2/22/18. 5/4/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 9650', RIH w/gas lift, RD 5/7/18. Pump to clean up and turn well over to production.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #422153 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 05/31/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_

Title

Pending BLM approvals will subsequently be reviewed and scanned

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.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd

Initialed

(Instructions on page 2)

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

OXY USA Inc.  
Patton MDP1 17 Federal 6H  
API No. 30-015-44445

17-1/2" hole @ 699'  
13-3/8" csg @ 699'  
w/ 895sx-TOC-Surf Circ.

12-1/4" hole @ 4420'  
9-5/8" csg @ 4406'  
w/ 1570sx-TOC-Surf Circ.

8-1/2" hole @ 15026'  
5-1/2" csg @ 15021'  
w/ 2216sx-TOC-1300' CBL

2-7/8" tbg & pkr @ 9650'

Perfs @ 10299-14848'

TD- 15026'M 10070'V

