

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

Submit one copy to appropriate District Office

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 - 015-44316	<sup>5</sup> Pool Name COTTON DRAW; BONE SPRING	<sup>6</sup> Pool Code 13367
<sup>7</sup> Property Code: 316483	<sup>8</sup> Property Name: PATTON MDPI 18 FEDERAL	<sup>9</sup> Well Number: 23H

**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
B	18	24S	31E		335	NORTH	2122	EAST	EDDY

**<sup>11</sup> Bottom Hole Location**      TOP PERF- 800' FNL 2258' FEL      BOTTOM PERF- 385' FSL 2246' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	18	24S	31E		192	SOUTH	2212	EAST	EDDY

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : P	<sup>14</sup> Gas Connection Date: 12-4-17	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**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

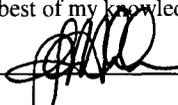
**IV. Well Completion Data**

<sup>21</sup> Spud Date 8/12/17	<sup>22</sup> Ready Date 12/3/17	<sup>23</sup> TD 14917'M 10286'V	<sup>24</sup> PBSD 14853'M 10285'V	<sup>25</sup> Perforations 10613-14721'	<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"	655'		650 /	
12-1/4"	9-5/8"	4380'		1350 /	
8-1/2"	5-1/2"	14911'		1650 /	
	27/8	10033			

**V. Well Test Data**

<sup>31</sup> Date New Oil 12/04/17	<sup>32</sup> Gas Delivery Date 12/4/17	<sup>33</sup> Test Date 12/10/17	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 1005
<sup>37</sup> Choke Size 43/128	<sup>38</sup> Oil 3916	<sup>39</sup> Water 3771	<sup>40</sup> Gas 2644		<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 Coordinator  
E-mail Address: janalyn\_mendiola@oxy.com  
Date: 03/01/2018      Phone: 432-685-5936

OIL CONSERVATION DIVISION  
Approved by:   
Title: STAFF MGR  
Approval Date: 3-15-2018  


Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 09 2018

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM89819

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
PATTON MDP1 18 FEDERAL 23H

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

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

9. API Well No.  
30-015-44316

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NWNE 335FNL 2122FEL 32.223670 N Lat, 103.815253 W Lon  
 At top prod interval reported below NWNE 800FNL 2258FEL 32.223657 N Lat, 103.815702 W Lon  
 At total depth SWSE 192FSL 2212FEL 32.210562 N Lat, 103.815707 W Lon

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

11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T4S R31E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
08/12/2017

15. Date T.D. Reached  
09/23/2017

16. Date Completed  
 D & A  Ready to Prod.  
12/03/2017

17. Elevations (DF, KB, RT, GL)\*  
3533 GL

18. Total Depth: MD 14917  
TVD 10286

19. Plug Back T.D.: MD 14853  
TVD 10285

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	655		650	156	0	
12.250	9.625 J55	36.0	0	4380		1350	435	0	
8.500	5.500 P110	20.0	0	14911		1650	654	3830	

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	10033	10033						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10613	14721	10613 TO 14721	0.420	704	ACTIVE
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
10613 TO 14721	7665714G SLICK WATER + 22806G 15% HCL ACID + 1008G LINEAR GEL W/ 8802142# SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/04/2017	12/10/2017	24	→	3916.0	2644.0	3771.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
43/128	SI	1005.0	→	3916	2644	3771	6752	POW	

28a. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	Production Method
			→						Pending BLM approvals will subsequently be reviewed and scanned
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	
	SI		→						

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

ELECTRONIC SUBMISSION #406214 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BC 3-19-18

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	4320	5212	OIL, GAS, WATER	RUSTLER	607
CHERRY CANYON	5213	6451	OIL, GAS, WATER	SALADO	958
BRUSHY CANYON	6452	8137	OIL, GAS, WATER	CASTILE	2320
BONE SPRING	8138	9140	OIL, GAS, WATER	DELAWARE	4299
1ST BONE SPRING	9141	9859	OIL, GAS, WATER	BELL CANYON	4320
2ND BONE SPRING	9860	10286	OIL, GAS, WATER	CHERRY CANYON	5213
				BRUSHY CANYON	6452
				BONE SPRING	8138

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

1ST BONE SPRING 9141'M  
2ND BONE SPRING 9860'M

Logs were mailed 3/2/18.

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 #406214 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 03/01/2018

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 #406214 that would not fit on the form**

**32. Additional remarks, continued**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMNM89819

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**

8. Well Name and No.  
PATTON MDP1 18 FEDERAL 23H

9. API Well No.  
30-015-44316

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

11. County or Parish, State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  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 18 T24S R31E Mer NMP NWNE 335FNL 2122FEL  
32.223670 N Lat, 103.815253 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 recomplete 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 recompletion 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 11/3/17, RIH & clean out to PBTD @ 14853', pressure test csg to 9600# for 30 min, good test. RIH & perf @ 14721-14582, 14536-14393, 14347-14204, 14158-14015, 13969-13826, 13780-13637, 13591-13448, 13402-13259, 13213-13070, 13024-12881, 12835-12692, 12646-12503, 12457-12314, 12268-12125, 12079-11936, 11890-11747, 11701-11558, 11512-11369, 11323-11180, 11134-10991, 10945-10802, 10756-10613' Total 704 holes. Frac in 22 stages w/ 7665714g Slick Water + 22806g 15% HCl acid + 1008g linear gel w/ 8802142# sand, RD Schlumberger 11/14/17. 1/16/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 10033', RIH w/gas lift, RD 1/19/18. Pump to clean up and turn well over to production.

WATER CONSERVATION  
CARLSBAD DISTRICT  
MAR 09 2018  
10:20 AM

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #406216 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 03/01/2018

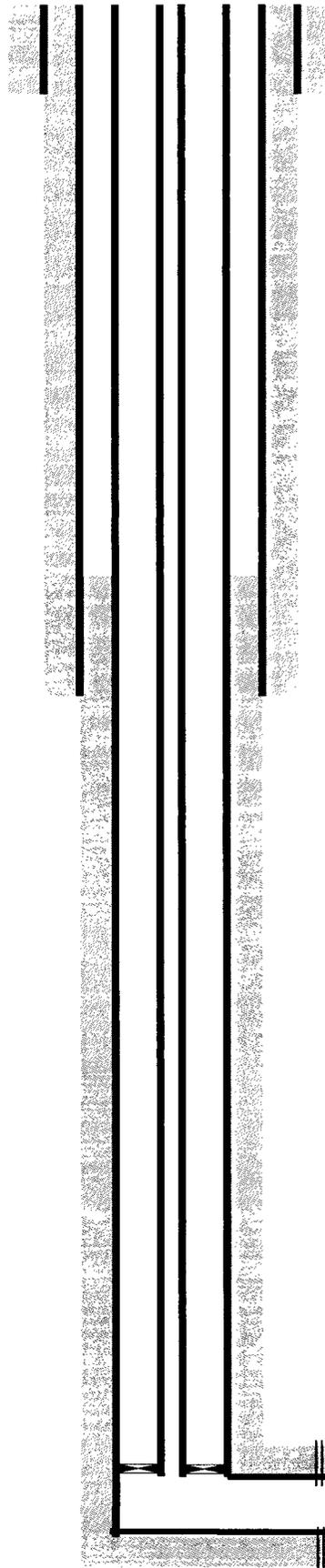
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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 jurisdiction. United

OXY USA Inc.  
Patton MDP1 18 Federal 23H  
API No. 30-015-44316



17-1/2" hole @ 665'  
13-3/8" csg @ 655'  
w/ 650sx-TOC-Surf Circ.

12-1/4" hole @ 4390'  
9-5/8" csg @ 4380'  
w/ 1350sx-TOC-Surf Circ.

8-1/2" hole @ 14917'  
5-1/2" csg @ 14911'  
w/ 1650sx-TOC-3830' Calc.

2-7/8" tbg & pkr @ 10033'

Perfs @ 10613-14721'

TD- 14917'M 10286'V