

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

Form C-104  
Revised August 1, 2011

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

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>4</sup> API Number 30-015-44991	<sup>5</sup> Pool Name Purple Sage Wolfcamp	<sup>3</sup> Reason for Filing Code/ Effective Date - NW	
<sup>7</sup> Property Code: 319619	<sup>8</sup> Property Name: Patton MDP1 17 Federal	<sup>6</sup> Pool Code 98220	<sup>9</sup> Well Number: 173H

**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	17	24S	31E		374	NORTH	1615	WEST	EDDY

**<sup>11</sup> Bottom Hole Location**

FTP- 349' FNL 2176' FWL LTP- 390' FSL 2246' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	24S	31E		210	SOUTH	2243	WEST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : P		<sup>14</sup> Gas Connection Date: 11/3/18	<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**

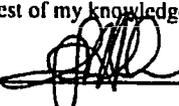
<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC NM OIL CONSERVATION ARTESIA DISTRICT JAN 23 2019 RECEIVED	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 7/6/18	<sup>22</sup> Ready Date 11/1/18	<sup>23</sup> TD 16764'M 11815'V	<sup>24</sup> PBDT 16703'M 11815'V	<sup>25</sup> Perforations 12034-16584'	<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	
14-3/4"	10-3/4"	735'		700 - CURC	
9-7/8"	7-5/8"	11104'		2310 - CURC	
6-3/4"	5-1/2" X 4-1/2"	16749'		675 - TOC 7420'	
	2-7/8"	11423'		N/A	

**V. Well Test Data** 4 1/2" 13.5# P110 - 12020-16749, 5 1/2" 20# P110 0 - 12020

<sup>31</sup> Date New Oil 11/3/18	<sup>32</sup> Gas Delivery Date 11/3/18	<sup>33</sup> Test Date 11/16/18	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 1545
<sup>37</sup> Choke Size 40/128	<sup>38</sup> Oil 1897	<sup>39</sup> Water 2818	<sup>40</sup> Gas 3811	<sup>41</sup> Test Method 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: 1/23/19 Phone: 432-685-5936

OIL CONSERVATION DIVISION	
Approved by:	
Title:	Business Ops Spec A
Approval Date:	1-31-2019
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

**JAN 23 2019**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

5. Lease Serial No.  
NMNM89172

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 173H

9. API Well No.  
30-015-44991

10. Field and Pool, or Exploratory  
PURPLE SAGE; WOLFCAMP

11. Sec., T., R., M., or Block and Survey  
or Area Sec 17 T24S R31E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3532 GL

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 NENW 374FNL 1615FWL 32.223565 N Lat, 103.803168 W Lon  
At top prod interval reported below NENW 349FNL 2176FWL 32.223630 N Lat, 103.801360 W Lon  
At total depth SESW 210FSL 2243FWL 32.210650 N Lat, 103.801210 W Lon

14. Date Spudded  
07/06/2018 15. Date T.D. Reached  
09/21/2018 16. Date Completed  
 D & A  Ready to Prod.  
11/01/2018

18. Total Depth: MD 16764 TVD 11815 19. Plug Back T.D.: MD 16703 TVD 11815 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL 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
14.750	10.750 J55	45.5	0	735		700	173	0	
9.875	7.625 L80	29.7	0	11104	4404	2310	893	0	
6.750	5.500 P110	20.0	0	12020		675	198	6234	
6.750	4.500 P110	13.5	12020	16749		675	198	6234	

**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	11423	11423						

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12034	16584	12034 TO 16584	0.370	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12034 TO 16584	2203856G SLICKWATER + 25914G 7.5% HCL ACID + 5220852G LINEAR GEL W/ 8226862# 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
11/03/2018	11/16/2018	24	→	1897.0	3811.0	2818.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/128		1545.0	→	1897	3811	2818	2009	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	
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned  
1-31-19  
\*\* LIMITED \*\*

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #451617 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* 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	4385	5272	OIL, GAS, WATER	RUSTLER	627
CHERRY CANYON	5273	6487	OIL, GAS, WATER	SALADO	1001
BRUSHY CANYON	6489	8220	OIL, GAS, WATER	CASTILE	2891
BONE SPRING	8221	9210	OIL, GAS, WATER	DELAWARE	4342
1ST BONE SPRINGS	9211	9864	OIL, GAS, WATER	BELL CANYON	4385
2ND BONE SPRINGS	9865	11123	OIL, GAS, WATER	CHERRY CANYON	5273
3RD BONE SPRINGS	11124	11679	OIL, GAS, WATER	BRUSHY CANYON	6489
WOLFCAMP	11680	11815	OIL, GAS, WATER	BONE SPRING	8221

**32. Additional remarks (include plugging procedure):**

**52. FORMATION (LOG) MARKERS CONTD.**

1ST BONE SPRINGS 9211'M  
 2ND BONE SPRINGS 9865'M  
 3RD BONE SPRINGS 11124'M  
 WOLFCAMP 11680'M

**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 #451617 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 01/23/2019

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 #451617 that would not fit on the form**

**32. Additional remarks, continued**

Logs were mailed 1/24/19.

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

NM OIL CONSERVATION  
ARTESIA DISTRICT

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 23 2019

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.*

RECEIVED

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No. NMMN89172
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. PATTON MDP1 17 FEDERAL 173H	
2. Name of Operator OXY USA INC.	Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com	9. API Well No. 30-015-44991
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 PURPLE SAGE; WOLFCAMP
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 17 T24S R31E Mer NMP NENW 374FNL 1615FWL 32.223565 N Lat, 103.803168 W Lon		11. County or Parish, State  EDDY COUNTY 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 Workover Operations
	<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 9/25/18, RIH & POOH w/ RBP, clean out to PBTD @ 16703', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16584-16434, 16385-16234, 16181-16034, 15985-15834, 15785-15635, 15583-15434, 15385-15234, 15185-15038, 14985-14834, 14785-14634, 14585-14434, 14385-14234, 14185-14035, 13983-13834, 13785-13634, 13585-13439, 13385-13234, 13185-13034, 12985-12832, 12785-12634, 12587-12434, 12385-12234, 12185-12034' Total 552 holes. Frac in 23 stages w/ 2203656g Slick Water + 5220852g linear gel + 25914g 7.5% HCl Acid w/ 9226862# sand, RD Schlumberger 10/10/18. 1/13/19 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 11423', RIH w/gas lift, RD 1/15/19. Pump to clean up and turn well over to production.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #451612 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad</b>	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 01/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 _____

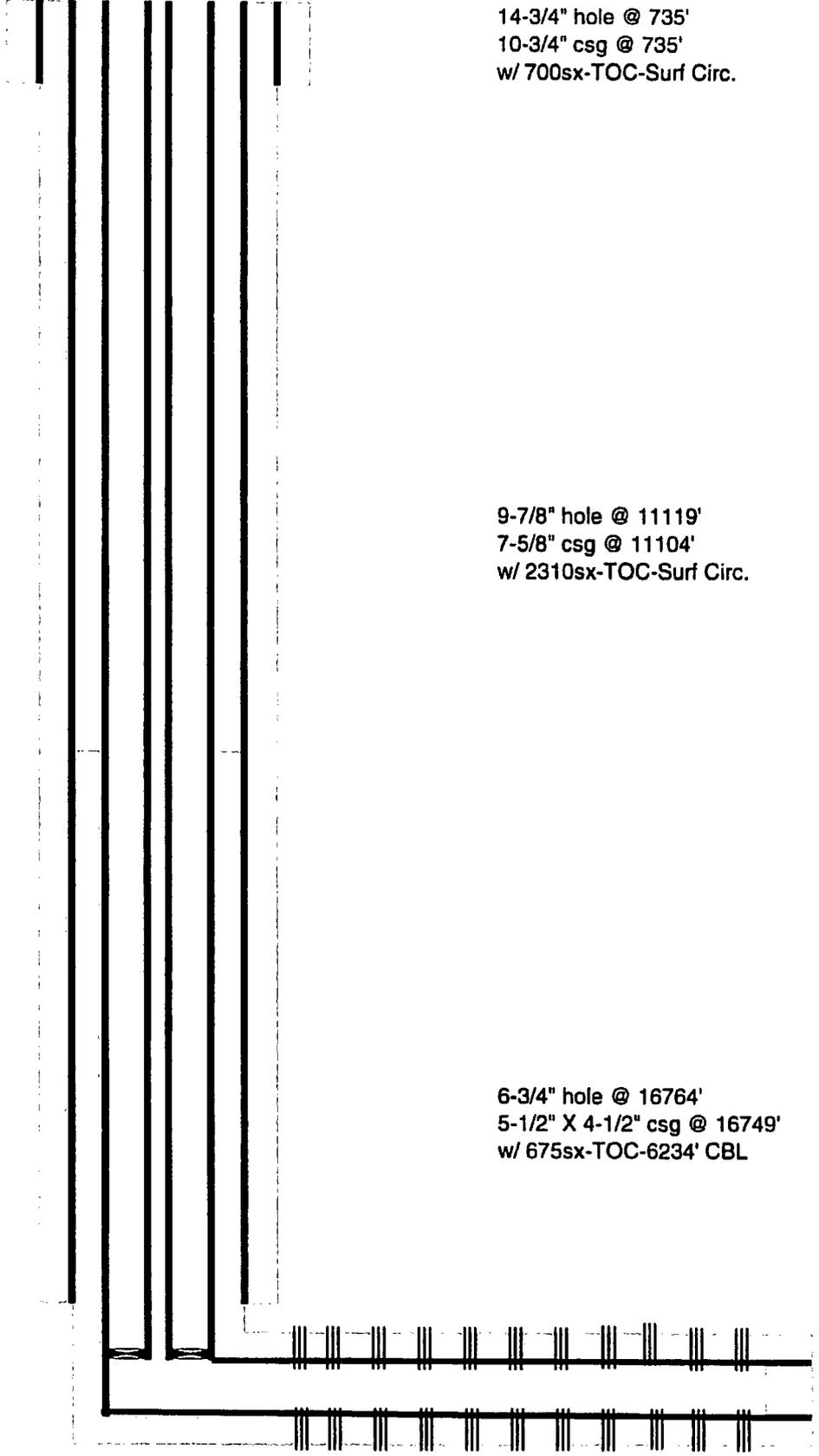
Pending BLM approvals will subsequently be reviewed and scanned  
1-31-19

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

(Instructions on page 2)

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

OXY USA Inc.  
Patton MDP1 17 Federal 173H  
API No. 30-015-44991



14-3/4" hole @ 735'  
10-3/4" csg @ 735'  
w/ 700sx-TOC-Surf Circ.

9-7/8" hole @ 11119'  
7-5/8" csg @ 11104'  
w/ 2310sx-TOC-Surf Circ.

6-3/4" hole @ 16764'  
5-1/2" X 4-1/2" csg @ 16749'  
w/ 675sx-TOC-6234' CBL

2-7/8" tbg & pkr @ 11423'

Perfs @ 12034-16584'

TD- 16764'M 11815'V