

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

District II  
811 S. First St., Artesia, NM 88210

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

Submit one copy to appropriate District Office

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

AMENDED REPORT

District IV  
1220 S. 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>4</sup> API Number 30-015-45078	<sup>5</sup> Pool Name Purple Sage Wolfcamp	<sup>3</sup> Reason for Filing Code/ Effective Date - NW <sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code: 319619	<sup>8</sup> Property Name: Patton MDP1 17 Federal	<sup>9</sup> Well Number: 175H

**II. <sup>10</sup> Surface Location**

Ul or lot no. B	Section 17	Township 24S	Range 31E	Lot Idn	Feet from the 772	North/South Line NORTH	Feet from the 1332	East/West line EAST	County EDDY
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**<sup>11</sup> Bottom Hole Location** FTP- 765' FNL 1248' FEL LTP- 367' FSL 1234' FEL

UL or lot no. P	Section 17	Township 24S	Range 31E	Lot Idn	Feet from the 194	North/South line SOUTH	Feet from the 1235	East/West line EAST	County EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : P	<sup>14</sup> Gas Connection Date: 11/12/18	<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 30 2019 RECEIVED	G

**IV. Well Completion Data**

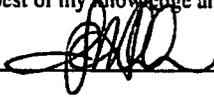
<sup>21</sup> Spud Date 7/18/18	<sup>22</sup> Ready Date 11/11/18	<sup>23</sup> TD 16394'M 11644'V	<sup>24</sup> PBDT 16339'M 11645'V	<sup>25</sup> Perforations 12071-16222'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set		<sup>30</sup> Sacks Cement	
14-3/4"	10-3/4"	762'		823 - CWC	
9-7/8"	7-5/8"	11125'		2040 - CWC	
6-3/4"	5-1/2" X 4-1/2"	16388'		675 - TOC 9857- ead.	
	2-7/8"	11490'		N/A	

**V. Well Test Data** 4 1/2" TB 34 P110 11715 - 16388; 5 1/2" 20" P110 0-11715

<sup>31</sup> Date New Oil 11/12/18	<sup>32</sup> Gas Delivery Date 11/12/18	<sup>33</sup> Test Date 11/19/18	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 1986
<sup>37</sup> Choke Size 40/128	<sup>38</sup> Oil 1144	<sup>39</sup> Water 6880	<sup>40</sup> Gas 3821	<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

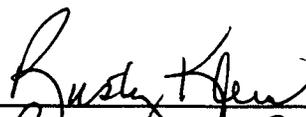
Title:  
Regulatory Specialist

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

Date:  
1/30/19

Phone:  
432-685-5936

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 30 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 175H

9. API Well No.  
30-015-45078

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)\*  
3547 GL

18. Total Depth: MD 16394 TVD 11644

19. Plug Back T.D.: MD 16339 TVD 11645

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL, GR

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	762		823	198	0	
9.875	7.625 L80	29.7	0	11125	4486	2040	822	0	
6.750	5.500 P110	20.0	0	11715		675	197	9857	
6.750	4.500 P110	13.5	11715	16388		675	197	9857	

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	11490	11490						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12071	16222	12071 TO 16222	0.370	504	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12071 TO 16222	1050G 15% HCL ACID + 25914G 7.5% HCL ACID + 6835332G LINEAR GEL W/ 8424142# 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
11/12/2018	11/19/2018	24	→	1144.0	3821.0	6880.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
40/128	SI	1986.0	→	1144	3821	6880	3340	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.	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  
1-31-19

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #452623 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPE

-U\*\*

**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	4426	5313	OIL, GAS, WATER	RUSTLER	674
CHERRY CANYON	5314	6531	OIL, GAS, WATER	SALADO	1026
BRUSHY CANYON	6532	8299	OIL, GAS, WATER	CASTILE	2975
BONE SPRING	8300	9284	OIL, GAS, WATER	DELAWARE	4399
1ST BONE SPRINGS	9285	9987	OIL, GAS, WATER	BELL CANYON	4426
2ND BONE SPRINGS	9988	11223	OIL, GAS, WATER	CHERRY CANYON	5314
3RD BONE SPRINGS	11224	11797	OIL, GAS, WATER	BRUSHY CANYON	6532
WOLFCAMP	11798		OIL, GAS, WATER	BONE SPRING	8300

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

**52. FORMATION (LOG) MARKERS CONTD.**  
 1ST BONE SPRINGS 9285'M  
 2ND BONE SPRINGS 9988'M  
 3RD BONE SPRINGS 11224'M  
 WOLFCAMP 11798'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 #452623 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 01/30/2019

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 #452623 that would not fit on the form**

**32. Additional remarks, continued**

Logs were mailed 1/31/19.

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

JAN 30 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

**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		8. Well Name and No. PATTON MDP1 17 FEDERAL 175H
2. Name of Operator OXY USA INC. Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com		9. API Well No. 30-015-45078
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 NWNE 772FNL 1332FEL 32.222475 N Lat, 103.795609 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 Hydraulic Fracture
	<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 10/12/18, RIH & POOH w/ RBP, clean out to PBTD @ 16339', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16222-16071, 16022-15871, 15823-15671, 15622-15471, 15422-15271, 15218-15071, 15022-14871, 14822-14671, 14620-14471, 14422-14271, 14217-14071, 14022-13871, 13822-13671, 13620-13471, 13422-13271, 13222-13069, 13022-12871, 12822-12671, 12622-12471, 12422-12275, 12222-12071' Total 504 holes. Frac in 21 stages w/ 6835332g linear gel + 1050g 15% HCl Acid + 25914g 7.5% HCl Acid w/ 8424142# sand, RD Schlumberger 10/25/18. 1/17/19 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 11490', RIH w/gas lift, RD 1/21/19. Pump to clean up and turn well over to production.

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

**Electronic Submission #452624 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad**

Name (Printed/Typed) <b>DAVID STEWART</b>	Title <b>SR. REGULATORY ADVISOR</b>
Signature (Electronic Submission)	Date <b>01/30/2019</b>

**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 _____

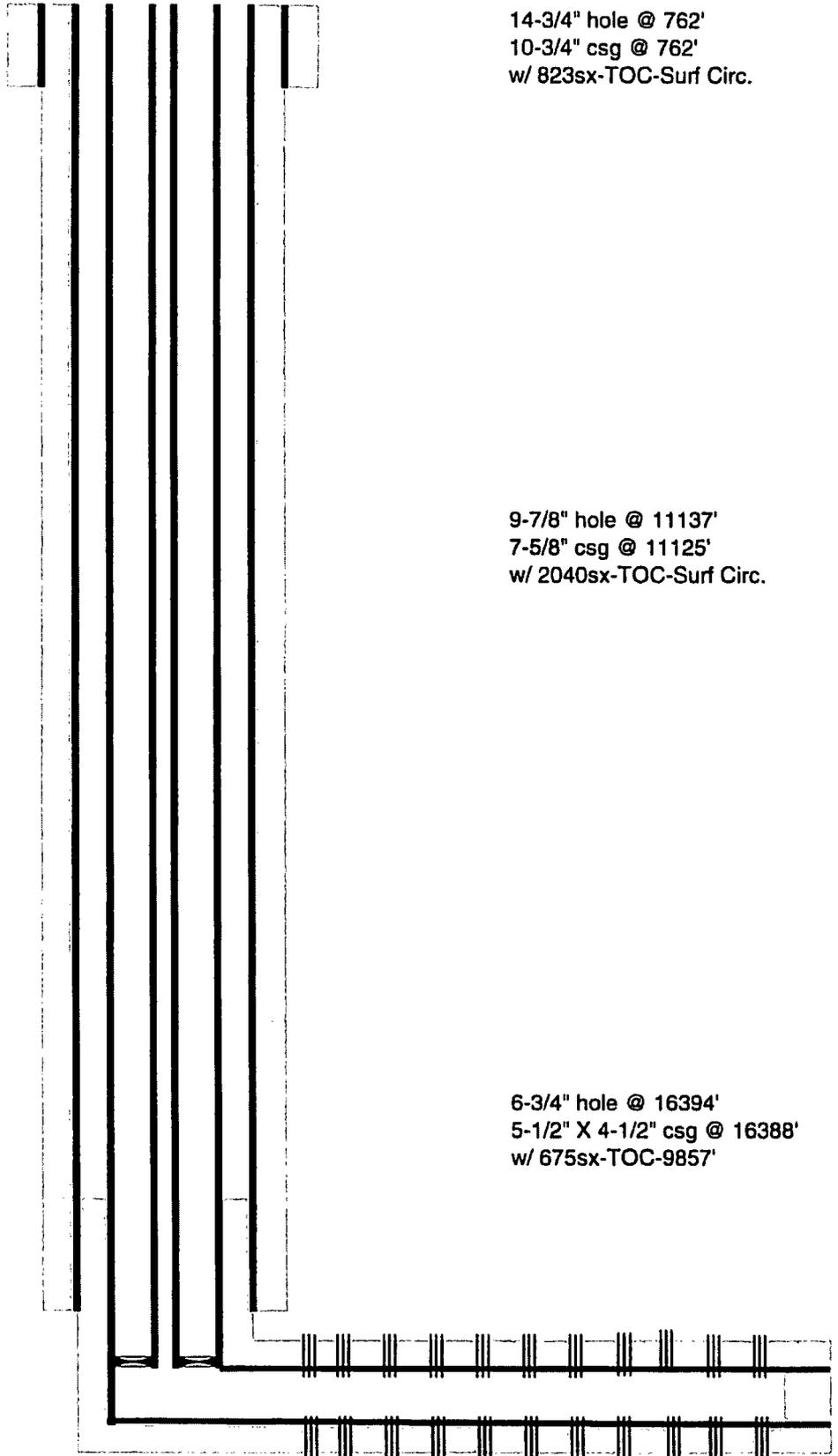
Pending BLM approvals will subsequently be reviewed and scanned  
1-31-19

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(Instructions on page 2)

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

OXY USA Inc.  
Patton MDP1 17 Federal 175H  
API No. 30-015-45078



14-3/4" hole @ 762'  
10-3/4" csg @ 762'  
w/ 823sx-TOC-Surf Circ.

9-7/8" hole @ 11137'  
7-5/8" csg @ 11125'  
w/ 2040sx-TOC-Surf Circ.

6-3/4" hole @ 16394'  
5-1/2" X 4-1/2" csg @ 16388'  
w/ 675sx-TOC-9857'

2-7/8" tbg & pkr @ 11490'

Perfs @ 12071-16222'

TD- 16394'M 11644'V