

District I  
1025 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  
**NM OIL CONSERVATION**  
Energy, Minerals & Natural Resources DISTRICT  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

DEC 18 2017

Submit one copy to appropriate District Office

AMENDED REPORT

RECEIVED

**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 30-015-44269		<sup>3</sup> Reason for Filing Code/ Effective Date - NW
<sup>5</sup> Pool Name Wildcat Wolfcamp	<sup>6</sup> Pool Code 98236	<sup>7</sup> Property Code: 314855
<sup>8</sup> Property Name: Cal-Mon 35 Federal		<sup>9</sup> Well Number: 171H

**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
D	35	23S	31E		280	North	710	West	Eddy

<sup>11</sup> Bottom Hole Location      Top Perf- 436' FNL 390' FWL      Bottom Perf- 414' FSL 411' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	23S	31E		188	South	388	West	Eddy

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code: P	<sup>14</sup> Gas Connection Date: 10/18/17	<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
36785	DCP MIDSTREAM, LP	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBDT	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
6/22/17	10/23/17	16342'M 11705'V	16279'M 11705'V	16115-11662'	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set		<sup>30</sup> Sacks Cement	
20"	16"	753'		805 ✓	
13-1/2"	10-3/4"	4431'		1675 ✓	
9-7/8"	7-5/8"	10580'		630 ✓	
6-3/4"	4-1/2"	10425-16330'		765 ✓	

**V. Well Test Data**

<sup>31</sup> Date New Oil 10/24/17	<sup>32</sup> Gas Delivery Date 10/18/17	<sup>33</sup> Test Date 11/3/17	<sup>34</sup> Test Length 24hrs.	<sup>35</sup> Tbg. Pressure 1048	<sup>36</sup> Csg. Pressure n/a
<sup>37</sup> Choke Size 58/128	<sup>38</sup> Oil 2027	<sup>39</sup> Water 3369	<sup>40</sup> Gas 5576	<sup>41</sup> Test Metho P	

<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:

*Jana Mendiola*

Printed name:  
Jana Mendiola  
Title:  
Regulatory Coordinator  
E-mail Address:  
janalyn\_mendiola@oxy.com  
Date:  
12/13/17  
Phone:  
432-685-5936

OIL CONSERVATION DIVISION  
Approved by: *Raymond J. Padany*  
Title: *Geologist*  
Approval Date: *12-22-2017*

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

DEC 18 2017

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM19199

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.  
CAL-MON 35 FEDERAL 171H

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

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

9. API Well No.  
30-015-44269

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NWNW 280FNL 710FWL 32.267418 N Lat, 103.754825 W Lon  
At top prod interval reported below NWNW 436FNL 390FWL 32.267254 N Lat, 103.755893 W Lon  
At total depth SWSW 188FSL 388FWL 32.254162 N Lat, 103.755892 W Lon

10. Field and Pool, or Exploration  
WILDCAT WOLFCAMP *15-G-08-52331350 WOLF CAMP*

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T23S R31E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
06/22/2017

15. Date T.D. Reached  
07/31/2017

16. Date Completed  
 D & A  Ready to Prod  
10/23/2017

17. Elevations (DF, KB, RT, GL)\*  
3456 GL

18. Total Depth: MD 16342  
TVD 11705

19. Plug Back T.D.: MD 16279  
TVD 11705

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
MUD LOG, CNL, CMR, SGR, BPL, TCL, HRLA, LAT, MAST, PNE

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
20.000	16.000 J55	75.0	0	753		805	195	0	
13.500	10.750 J55	45.5	0	4431		1675	509	0	
9.875	7.625 L80	29.7	0	10580	5981	630	270	860	
6.750	4.500 P110	13.5	10425	16330		765	165	10425	

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	10345	10345						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11662	16115	11662 TO 16115	0.420	616	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11662 TO 16115	4117638G SLICKWATER + 1533000G 15% HCL ACID + 3756606G LINEAR GEL W/7500561# 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
10/24/2017	11/03/2017	24	→	2027.0	5576.0	3369.0			GAS LIFT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
58/128	SI		→	2027	5576	3369	2751	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

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #397955 VERIFIED BY THE BLM WELL INFORMATION SYS  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

*12-22-17*

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	4425	5174	OIL, GAS, WATER	RUSTLER	679
CHERRY CANYON	5175	6588	OIL, GAS, WATER	SALADO	1008
BRUSHY CANYON	6589	8189	OIL, GAS, WATER	CASTILE	2890
BONE SPRING	8190	9297	OIL, GAS, WATER	DELAWARE	4396
1ST BONE SPRING	9298	9540	OIL, GAS, WATER	BELL CANYON	4425
2ND BONE SPRING	9541	10396	OIL, GAS, WATER	CHERRY CANYON	5175
3RD BONE SPRING	10397	11585	OIL, GAS, WATER	BRUSHY CANYON	6589
WOLFCAMP	11586	11705	OIL, GAS, WATER	BONE SPRING	8190

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

1ST BONE SPRING 9298'M  
2ND BONE SPRING 9541'M  
3RD BONE SPRING 10397'M  
WOLFCAMP 11586'M

Logs will be mailed.

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 #397955 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 12/13/2017

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 #397955 that would not fit on the form**

**32. Additional remarks, continued**

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.  
NMNM19199

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.  
CAL-MON 35 FEDERAL 171H

9. API Well No.  
30-015-44269

10. Field and Pool or Exploratory Area  
WILDCAT WOLFCAMP

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 35 T23S R31E Mer NMP NWNW 280FNL 710FWL  
32.267418 N Lat, 103.754825 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 8/25/17, RIH & clean out to PBTD @ 16279'. 8/27/17 RIH w/ 5-1/2" 20# P110 tie back seal assembly connect to 4-1/2" 13.5# P110 liner. Pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16115-15960, 15910-15756, 15706-15551, 15501-15346, 15296-15142, 15092-14937, 14887-14732, 14682-14528, 14478-14323, 14273-14118, 14068-13914, 13864-13709, 13659-13504, 13454-13299, 13249-13095, 13045-12890, 12840-12685, 12635-12481, 12431-12276, 12226-12071, 12021-11867, 11817-11662' Total 616 holes. Frac in 22 stages w/ 4117638g Slick Water + 1533000g 15% HCl acid + 3756606g linear gel w/ 7500561# sand, RD Schlumberger 10/7/17. RIH & clean out well, POOH, RIH with 2-7/8" tbg & pkr set @ 10345', RIH w/gas lift, RD 10/14/17. Pump to clean up and test well for potential.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
DEC 18 2017  
RECEIVED

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #397956 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 12/13/2017

**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.

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

Office \_\_\_\_\_

the United