

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 30-015-44521	<sup>5</sup> Pool Name Pierce Crossing Bone Spring		<sup>6</sup> Pool Code 50371
<sup>7</sup> Property Code: 314329		<sup>8</sup> Property Name: Cedar Canyon 29 Federal Com	
		<sup>9</sup> Well Number: 24H	

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

Ul or lot no. L	Section 29	Township 24S	Range 29E	Lot Idn	Feet from the 1670	North/South Line SOUTH	Feet from the 420	East/West line WEST	County EDDY
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

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

<b>Top Perf- 2235' FSL 349' FWL</b>		<b>Bottom Perf- 2165' FSL 350' FEL</b>							
UL or lot no. I	Section 29	Township 24S	Range 29E	Lot Idn	Feet from the 2158	North/South line SOUTH	Feet from the 201	East/West line EAST	County EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : F		<sup>14</sup> Gas Connection Date: 2/9/18		<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
214754	LPC CRUDE OIL, INC	O
151618	ENTERPRISE FIELD SERVICES LLC RECEIVED	G
	MAY 09 2018	
	DISTRICT II-ARTESIA O.C.D.	

**IV. Well Completion Data**

<sup>21</sup> Spud Date 11/11/17	<sup>22</sup> Ready Date 2/9/18	<sup>23</sup> TD 13370'M 8600'V	<sup>24</sup> PBDT 13306'M 8600'V	<sup>25</sup> Perforations 8623-13221'	<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"	454'		526
9-7/8"		7-5/8"	7938'		1562
6-3/4"		4-1/2"	7803-13357'		709

**V. Well Test Data**

<sup>31</sup> Date New Oil 2/10/18	<sup>32</sup> Gas Delivery Date 2/9/18	<sup>33</sup> Test Date 2/17/18	<sup>34</sup> Test Length 24 hrs.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 907
<sup>37</sup> Choke Size 60/128	<sup>38</sup> Oil 2341	<sup>39</sup> Water 2070	<sup>40</sup> Gas 3060		<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:  
5/4/18

Phone:  
432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will  
subsequently be reviewed  
and scanned



RECEIVED

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 09 2018

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
DISTRICT II-ARTESIA O.C.D.

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NMNM53229	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____										6. If Indian, Allottee or Tribe Name	
2. Name of Operator OXY USA INC. Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com										7. Unit or CA Agreement Name and No.	
3. Address P.O. BOX 50250 MIDLAND, TX 79710					3a. Phone No. (include area code) Ph: 432-685-5936					8. Lease Name and Well No. CEDAR CANYON 29 FEDERAL COM 24H	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 1670FSL 420FWL 32.185727 N Lat, 104.013802 W Lon At top prod interval reported below NWSW 2235FSL 349FWL 32.187186 N Lat, 104.014069 W Lon At total depth NESE 2158FSL 201FEL 32.187110 N Lat, 103.998660 W Lon										9. API Well No. 30-015-44521	
14. Date Spudded 11/11/2017			15. Date T.D. Reached 12/25/2017			16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2018			10. Field and Pool, or Exploratory PIERCE CROSSING BONE SPRG		
18. Total Depth: MD TVD 13370 8600			19. Plug Back T.D.: MD TVD 13306 8600			20. Depth Bridge Plug Set: MD TVD			11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R29E Mer NMP		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG										12. County or Parish EDDY	
										13. State NM	
										17. Elevations (DF, KB, RT, GL)* 2928 GL	
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	454		526	127	0			
6.750	5.500 P110	20.0	0	7803							
9.875	7.625 HCL80	29.7	0	7938	2844	1562	545	0			
6.750	4.500 P110	13.5	7803	13357		709	174	7776			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
25. Producing Intervals											
Formation		Top	Bottom	26. Perforation Record		Perforated Interval		Size	No. Holes	Perf. Status	
A) 2ND BONE SPRING		8623	13221			8623 TO 13221		0.420	920	ACTIVE	
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
8623 TO 13221		5531144G SLICK WATER + 23016G 7.5% HCL ACID W/ 6932683# 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		
02/10/2018	02/17/2018	24	→	2341.0	3060.0	2070.0			FLOWS FROM WELL		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status			
60/128	SI	907.0	→	2341	3060	2070	1307	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		→								

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

ELECTRONIC SUBMISSION #413556 VERIFIED BY THE BLM WELL INFORMATION SYS  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*Pending BLM approvals will  
subsequently be reviewed  
and scanned5-14-2018  
28



## 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	2854	3642	OIL, GAS, WATER	RUSTLER	303
CHERRY CANYON	3643	4962	OIL, GAS, WATER	SALADO	637
BRUSHY CANYON	4963	6563	OIL, GAS, WATER	CASTILE	1352
BONE SPRING	6564	7522	OIL, GAS, WATER	DELAWARE	2799
1ST BONE SPRING	7523	8366	OIL, GAS, WATER	BELL CANYON	2854
2ND BONE SPRING	8367	8600	OIL, GAS, WATER	CHERRY CANYON	3643
				BRUSHY CANYON	4963
				BONE SPRING	6564

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

1ST BONE SPRING 7523' MD  
2ND BONE SPRING 8367' MD

Logs were mailed 5/4/18.

## 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 #413556 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 05/03/2018

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 #413556 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

**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.*

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

5. Lease Serial No.  
NMNM53229

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
CEDAR CANYON 29 FEDERAL COM 24H

9. API Well No.  
30-015-44521

10. Field and Pool or Exploratory Area  
PIERCE CROSSING BONE SPRG

11. County or Parish, State  
EDDY COUNTY, NM

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

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 29 T24S R29E Mer NMP NWSW 1670FNL 420FWL  
32.185727 N Lat, 104.013802 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 recomple 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 recomple 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 1/18/18, RIH & clean out to PBTD @ 13306', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 13221-13045, 13020-12844, 12819-12643, 12618-12442, 12417-12241, 12216-12040, 12015-11839, 11814-11638, 11613-11437, 11412-11236, 11211-11035, 11010-10834, 10809-10633, 10608-10432, 10407-10231, 10206-10030, 10005-9829, 9804-9628, 9603-9427, 9402-9226, 9201-9025, 9000-8824, 8799-8623' Total 920 holes. Frac in 23 stages w/ 5531144g Slick Water + 23016g 7.5% HCl acid w/ 6932683# sand, RD Schlumberger 1/29/18. RIH & clean out, flow to clean up and test well for potential.

RECEIVED

MAY 09 2018

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #413555 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 05/03/2018

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

Approved By

Title

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Office

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 know States any false, fictitious or fraudulent statements or representations as to any matter within its ju

(Instructions on page 2)

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

5-14-2018

OXY USA Inc.  
Cedar Canyon 29 Federal Com 24H  
API No. 30-015-44521

14-3/4" hole @ 454'  
10-3/4" csg @ 454'  
w/ 526sx-TOC-Surf. Circ.

9-7/8" hole @ 7950'  
7-5/8" csg @ 7938'  
w/ 1562sx-TOC-Surf Circ.

5-1/2" csg tie-back @ 0-7803'

6-3/4" hole @ 13370'  
4-1/2" liner @ 7803-13357'  
w/ 709sx-TOC-7776' Circ.

Perfs @ 8623-13221'

TD- 13370'M 8600"V