

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104  
Revised August 1, 2011

FEB 28 2015  
Submit one copy to appropriate District Office

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

RECEIVED

☐ 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 - 015-41194	<sup>5</sup> Pool Name PIERCE CROSSING BONE SPRING	<sup>6</sup> Pool Code 50371
<sup>7</sup> Property Code: 39439	<sup>8</sup> Property Name: CEDAR CANYON 23 COM.	<sup>9</sup> Well Number: 2H

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
M	23	24S	29E		650	SOUTH	660	WEST	EDDY

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	24S	29E		725	SOUTH	160	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : P	<sup>14</sup> Gas Connection Date 2/7/15	<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
239284	OCCIDENTAL ENERGY TRANSPORTATION (BRIDGER LLC)	O
151618	ENTERPRISE FIELD SERVICES LLC	G

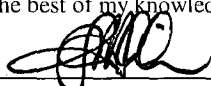
IV. Well Completion Data

<sup>21</sup> Spud Date 8/17/14	<sup>22</sup> Ready Date 1/20/15	<sup>23</sup> TD 13430'M 8902'V	<sup>24</sup> PBDT 13389'M 8902'V	<sup>25</sup> Perforations 9195-13220'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 14-3/4"	<sup>28</sup> Casing & Tubing Size 11-3/4"	<sup>29</sup> Depth Set 467'	<sup>30</sup> Sacks Cement 721		
10-5/8"	8-5/8"	3020'	1120		
7-7/8"	5-1/2"	13421'	1360		
	2-7/8"	8300'	0		

V. Well Test Data

<sup>31</sup> Date New Oil 2/1/15	<sup>32</sup> Gas Delivery Date 2/7/15	<sup>33</sup> Test Date 2/11/15	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure 1525	<sup>36</sup> Csg. Pressure ---
<sup>37</sup> Choke Size 20/64	<sup>38</sup> Oil 736	<sup>39</sup> Water 389	<sup>40</sup> Gas 337		<sup>41</sup> Test Method 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: 

Printed name:  
JANA MENDIOLA

Title:  
REGULATORY COORDINATOR

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

Date: 2/17/15  
Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:



Dist. Supervisor

2/26/2015

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION  
ARTESIA DISTRICT

FEB 23 2015

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMNM88138
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.  
CEDAR CANYON 23 COM 2H

2. Name of Operator  
OXY USA INC.

Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

9. API Well No.  
30-015-41194

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

3b. Phone No. (include area code)  
Ph: 432-685-5936  
Fx: 432-685-5742

10. Field and Pool, or Exploratory  
PIERCECROSSINGBONESPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 23 T24S R29E SWSW 650FSL 660FWL  
32.197313 N Lat, 103.961140 W Lon

11. County or Parish, and State  
EDDY COUNTY, NM

**12. CHECK 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"/> Fracture Treat	<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 checked="" 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 recomplate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RU CTU 9/24/14, RIH & Tag PBTB @ 13389', pressure test csg to 6200#, lost 240#, test good. RIH & perf @ 13220-13000, 12875-12645, 12530-12300, 12185-11955, 11840-11610, 11495-11265, 11150-10915, 10805-10575, 10460-10240, 10140-9900, 9770-9540, 9425-9195' Total 432 holes. Frac in 12 stages w/ 738754g Treated Water + 32220g 15% HCl acid + 1687059g 15# BXL w/ 3410118# sand, RD C&J Energy Services. RIH & clean out well, tag up PBTB @ 13389', POOH, RIH with 2-7/8" tbg & pkr set @ 8300', RIH w/gas lift, RD 1/19/15. Pump to clean up and test well for potential.

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

Electronic Submission #292058 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 02/17/2015

**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

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Department or agency of the United

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 23 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator OXY USA INC.			8. Lease Name and Well No. CEDAR CANYON 23 COM 2H		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9. API Well No. 30-015-41194		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW Lot M 650FSL 660FWL 32.197313 N Lat, 103.961140 W Lon At top prod interval reported below SWSW Lot M 682FSL 889FWL At total depth SESE Lot P 725FSL 160FEL			10. Field and Pool, or Exploratory PIERCECROSSINGBONESPRING		
14. Date Spudded 08/17/2014			15. Date T.D. Reached 09/01/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/20/2015			17. Elevations (DF, KB, RT, GL)* 2927 GL		
18. Total Depth: MD 13430 TVD 8902		19. Plug Back T.D.: MD 13389 TVD 8902		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MWDICBLGRISLS			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	11.750 J55	47.0	0	467	0	721	183	0	0
10.625	8.625 J55	32.0	0	3020	0	1120	318	0	0
7.875	5.500 L80	17.0	0	13421	0	1360	604	0	0

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	8300	8300							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) 2ND BONE SPRING	9195	13220	9195 TO 13220	0.420	432	OPEN	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
9195 TO 13220	32220G 15% HCL ACID + 1687059G 15# BXL + 738754G TRT WTR W/ 3410118# 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
02/01/2015	02/11/2015	24	→	736.0	337.0	389.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. 1525 SI	Csg. Press.	24 Hr. Rate →	Oil BBL 736	Gas MCF 337	Water BBL 389	Gas Oil Ratio 458	Well Status 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	

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

ELECTRONIC SUBMISSION #292060 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* 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	3084	3775	OIL, GAS, WATER	RUSTLER	446
CHERRY CANYON	3776	5174	OIL, GAS, WATER	SALADO	580
BRUSHY CANYON	5175	6765	OIL, GAS, WATER	CASTILE	1542
BONE SPRING	6766	7752	OIL, GAS, WATER	LAMAR	3033
1ST BONE SPRING	7753	8576	OIL, GAS, WATER	BELL CANYON	3084
2ND BONE SPRING	8577	8902	OIL, GAS, WATER	CHERRY CANYON	3776
				BRUSHY CANYON	5175
				BONE SPRING	6766

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

52. FORMATION (LOG) MARKERS CONTD.  
1ST BONE SPRING 7753 (TOP) MEAS. DEPTH  
2ND BONE SPRING 8577 (TOP) MEAS. DEPTH

Logs were mailed 2/18/2015.

## 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 #292060 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 02/17/2015

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 #292060 that would not fit on the form**

**32. Additional remarks, continued**

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