

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1090 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Minerals & Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

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 30-015-44181	<sup>5</sup> Pool Name Corral Draw Bone Spring	<sup>3</sup> Reason for Filing Code/ Effective Date - NW
<sup>7</sup> Property Code: 315207	<sup>8</sup> Property Name: Cedar Canyon 21 Federal Com	<sup>6</sup> Pool Code 96238
		<sup>9</sup> Well Number: 21H

**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
A	21	24S	29E		369	North	368	East	Eddy

<sup>11</sup> Bottom Hole Location      Top Perf- 427' FNL 356' FEL      Bottom Perf- 471' FNL 389' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	21	24S	29E		475	North	188	West	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : F	<sup>14</sup> Gas Connection Date: 11/5/17	<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
311333	BRIDGER TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G

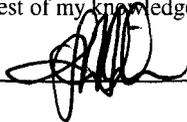
**IV. Well Completion Data**

<sup>21</sup> Spud Date 7/30/17	<sup>22</sup> Ready Date 11/3/17	<sup>23</sup> TD 13503'M 8550'V	<sup>24</sup> PBTD 13444'M 8551'V	<sup>25</sup> Perforations 13302-8751'	<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"	463'	329 ✓		
9-7/8"	7-5/8"	7885'	1951 ✓		
6-3/4"	4-1/2"	7713-13496'	700 ✓		

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/4/17	<sup>32</sup> Gas Delivery Date 11/5/17	<sup>33</sup> Test Date 11/9/17	<sup>34</sup> Test Length 24 hrs.	<sup>35</sup> Tbg. Pressure ---	<sup>36</sup> Csg. Pressure 644
<sup>37</sup> Choke Size 49/128	<sup>38</sup> Oil 3473	<sup>39</sup> Water 3324	<sup>40</sup> Gas 6130	<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

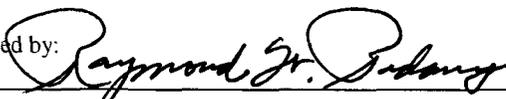
Title:  
Regulatory Coordinator

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

Date: 12/22/17      Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:



Title:

Geologist

Approval Date:

1-18-2018

Pending BLM approvals will subsequently be reviewed and scanned

**BLM OIL CONSERVATION**  
ARTESIA DISTRICT

JAN 02 2017

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

RECEIVED

5. Lease Serial No.  
NMNM85893

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
CEDAR CANYON 21 FEDERAL COM 21H

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 NENE 369FNL 368FEL 32.209271 N Lat, 103.982058 W Lon  
At top prod interval reported below NENE 427FNL 356FEL 32.209075 N Lat, 103.981968 W Lon  
At total depth NWNW 475FNL 188FWL 32.209047 N Lat, 103.997389 W Lon

10. Field and Pool, or Exploratory  
COTTON DRAW BONE SPRING

11. Sec., T., R., M., or Block and Survey  
or Area Sec 21 T24S R29E Mer NMP

12. County or Parish  
EDDY 13. State  
NM

14. Date Spudded  
07/30/2017 15. Date T.D. Reached  
08/27/2017 16. Date Completed  
 D & A  Ready to Prod  
11/03/2017 17. Elevations (DF, KB, RT, GL)\*  
2928 GL

18. Total Depth: MD 13503 19. Plug Back T.D.: MD 13444  
TVD 8550 TVD 8551 20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
MUD LOG 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	463		329	77	0	
9.875	7.625 L80	29.7	0	7885	3016	1951	948	0	
6.750	4.500 P110	13.5	7713	13496		700	167	7713	

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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	8751	13302	8751 TO 13302	0.420	920	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8751 TO 13302	7025592G SLICKWATER + 966000G 7.5% HCL ACID W/6934460# 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
11/04/2017	11/09/2017	24	→	3473.0	6130.0	3324.0			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	
49/128	SI	644.0	→	3473	6130	3324	1765	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 Gra	Production Method
			→						Pending BLM approvals will subsequently be reviewed and scanned
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	
			→						

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

ELECTRONIC SUBMISSION #398934 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OF

BC 1-19-18

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	3007	3829	OIL, GAS, WATER	RUSTLER	292
CHERRY CANYON	3830	5219	OIL, GAS, WATER	SALADO	610
BRUSHY CANYON	5220	6359	OIL, GAS, WATER	CASTILE	1422
BONE SPRING	6360	7342	OIL, GAS, WATER	DELAWARE	2690
1ST BONE SPRING	7343	8457	OIL, GAS, WATER	BELL CANYON	3007
2ND BONE SPRING	8458	8550	OIL, GAS, WATER	CHERRY CANYON	3830
				BRUSHY CANYON	5220
				BONE SPRING	6360

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

1ST BONE SPRING 7343'M  
 2ND BONE SPRING 8458'M

Logs were mailed 12/22/17.

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

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 #398934 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 12/22/2017

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 #398934 that would not fit on the form

32. Additional remarks, continued