

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

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 30-015-44190		<sup>3</sup> Reason for Filing Code/ Effective Date - NW
<sup>5</sup> Pool Name Corral Draw Bone Spring		<sup>6</sup> Pool Code 96238
<sup>7</sup> Property Code: 315207	<sup>9</sup> Well Number: 22H	

NSL-7487

**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
E	21	24S	29E		1764	North	141	West	Eddy

<sup>11</sup> Bottom Hole Location      Top Perf- 1418' FNL 373' FEL      Bottom Perf- 1370' FNL 345' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	21	24S	29E		1365	North	177	East	Eddy

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : F	<sup>14</sup> Gas Connection Date: 11/29/17	<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
311333	BRIDGER TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G
	NM OIL CONSERVATION ARTESIA DISTRICT FEB 12 2018	

**IV. Well Completion Data**

<sup>21</sup> Spud Date 8/10/17	<sup>22</sup> Ready Date 11/27/17	<sup>23</sup> TD 13366'M 8713'V	<sup>24</sup> PBTD 13299'M 8710'V	<sup>25</sup> Perforations 13198-8602'	<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"	448'	350		
9-7/8"	7-5/8"	8108'	1634		
6-3/4"	4-1/2"	7922-13353'	659		

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/27/17	<sup>32</sup> Gas Delivery Date 11/29/17	<sup>33</sup> Test Date 12/3/17	<sup>34</sup> Test Length 24 hrs.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 740
<sup>37</sup> Choke Size 80/128	<sup>38</sup> Oil 3997	<sup>39</sup> Water 4079	<sup>40</sup> Gas 7333		<sup>41</sup> Test Meth 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:  
2/7/18

Phone:  
432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

2-26-2018

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

FEB 12 2018

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM85893

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.  
CEDAR CANYON 21 FEDERAL COM 22H

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

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

9. API Well No.  
30-015-44190

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNW 1764FNL 141FWL 32.205409 N Lat, 103.997548 W Lon

At top prod interval reported below SWNW 1418FNL 373FWL 32.206464 N Lat, 103.996895 W Lon

At total depth SENE 1365FNL 177FEL 32.206473 N Lat, 103.981455 W Lon

10. Field and Pool, or Exploratory  
CORRAL 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  
08/10/2017

15. Date T.D. Reached  
09/08/2017

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/27/2017

17. Elevations (DF, KB, RT, GL)\*  
2931 GL

18. Total Depth: MD 13366  
TVD 8713

19. Plug Back T.D.: MD 13299  
TVD 8710

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	40.5	0	448		350	82	0	
9.875	7.625 L80	29.7	0	8108	2932	1634	536	0	
6.750	4.500 P110	13.5	7922	13353		659	159	7922	

### 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	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	8602	13198	8602 TO 13198	0.420	920	ACTIVE
B)						
C)						
D)						

### 26. Perforation Record

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

Depth Interval	Amount and Type of Material
8602 TO 13198	6943062G SLICKWATER + 23016G 7.5% HCL ACID W/6907660# 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
11/27/2017	12/03/2017	24	→	3997.0	7333.0	4079.0			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	
80/128	SI	740.0	→	3997	7333	4079	1835	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		→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #403742 VERIFIED BY THE BLM WELL INFORMATION SYST

\*\* 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	2949	4106	OIL, GAS, WATER	RUSTLER	354
CHERRY CANYON	4107	5381	OIL, GAS, WATER	SALADO	795
BRUSHY CANYON	5382	6635	OIL, GAS, WATER	CASTILE	1312
BONE SPRING	6636	7571	OIL, GAS, WATER	DELAWARE	2898
1ST BONE SPRING	7572	8410	OIL, GAS, WATER	BELL CANYON	2949
2ND BONE SPRING	8411	8713	OIL, GAS, WATER	CHERRY CANYON	4107
				BRUSHY CANYON	5382
				BONE SPRING	6636

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

## 52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7572'M  
2ND BONE SPRING 8411'M

Logs were mailed 2/8/18.

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 #403742 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 02/07/2018

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 \*\***

## NM OIL CONSERVATION

ARTESIA DISTRICT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FEB 12 2018FORM 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**  
**abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM85893

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**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
OXY USA INC.Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com8. Well Name and No.  
CEDAR CANYON 21 FEDERAL COM 22H9. API Well No.  
30-015-441903a. Address  
P.O. BOX 50250  
MIDLAND, TX 797103b. Phone No. (include area code)  
Ph: 432-685-593610. Field and Pool or Exploratory Area  
CORRAL DRAW BONE SPRING

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

Sec 21 T24S R29E SWNW 1764FNL 141FWL  
32.205409 N Lat, 103.997548 W Lon

11. County or Parish, State

EDDY 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
	<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 recompleat 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 recompleat 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 10/23/17, RIH & clean out to PBTD @ 13299'. 10/25/17 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 @ 13198-13046, 12996-12840, 12794-12642, 12592-12440, 12390-12238, 12188-12036, 11986-11834, 11784-11632, 11582-11430, 11380-11228, 11178-11026, 10976-10824, 10774-10622, 10572-10420, 10370-10218, 10168-10016, 9966-9814, 9764-9612, 9562-9410, 9360-9209, 9158-9006, 8956-8804, 8754-8602' Total 920 holes. Frac in 23 stages w/ 6943062g Slick Water + 23016g 7.5% HCl acid w/ 6907660# sand, RD Schlumberger 11/3/17. RIH & clean out, flow to clean up and test well for potential.

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

Electronic Submission #403740 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 02/07/2018

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Date

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

OC 2-27-18

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

the United

OXY USA Inc.

Cedar Canyon 21 Federal Com 22H

API No. 30-015-44190

14-3/4" hole @ 448'

10-3/4" csg @ 448'

w/ 350sx-TOC-Surf Circ.

9-7/8" hole @ 8120'

7-5/8" csg @ 8108'

w/ 1634sx-TOC-Surf Circ.

6-3/4" hole @ 13366'

4-1/2" liner @ 7922-13353'

w/ 659sx-TOC-7922' Circ.

Perfs @ 13198-8602'

TD- 13366'M 8713'V