

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

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Form C-104  
Revised August 1, 2011

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

APR 01 2019  
Submit one copy to appropriate District Office

DISTRICT II-ARTESIA O.C.D. ☐ 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 – 015-44435	<sup>5</sup> Pool Name PIERCE CROSSING BONE SPRING, EAST	<sup>6</sup> Pool Code 96473
<sup>7</sup> Property Code: 319584	<sup>8</sup> Property Name: CEDAR CANYON 27-28 FEDERAL COM	<sup>9</sup> Well Number: 42H

**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	28	24S	29E		956	NORTH	325	WEST	EDDY

**<sup>11</sup> Bottom Hole Location**      FTP- 1710' FNL 306' FWL      LTP- 1686' FNL 125' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	27	24S	29E		1681	NORTH	23	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : F		<sup>14</sup> Gas Connection Date: 1/11/19		<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	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 8/5/18	<sup>22</sup> Ready Date 1/11/19	<sup>23</sup> TD 20134'M 9982'V	<sup>24</sup> PBSD 20074'M 9981'V	<sup>25</sup> Perforations 9837-20031'	<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"		670'	1000
9-7/8"		7-5/8"		9382'	817
6-3/4"		5-1/2"		20122'	864

**V. Well Test Data**

<sup>31</sup> Date New Oil 1/11/19	<sup>32</sup> Gas Delivery Date 1/11/19	<sup>33</sup> Test Date 1/16/19	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 1281
<sup>37</sup> Choke Size 57/128	<sup>38</sup> Oil 3411	<sup>39</sup> Water 13654	<sup>40</sup> Gas 7864		<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: 3/28/2019

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

*Karen Sharp*  
Staff Mgr

4-23-19

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMNM94651

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 27-28 FEDERAL COM 429. API Well No.  
30-015-444353a. Address  
P.O. BOX 50250  
MIDLAND, TX 797103b. Phone No. (include area code)  
Ph: 432-685-593610. Field and Pool or Exploratory Area  
PIERCE CROSSING; BN SPRG, E

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

Sec 28 T24S R29E Mer NMP NWNW 956FNL 325FWL  
32.193046 N Lat, 103.997021 W Lon

11. County or Parish, State

EDDY COUNTY 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	Hydraulic Fracture
	<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 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 12/13/18, RIH & POOH w/ RBP, clean out to PBTD @ 20074', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 20031-19883, 19833-19686, 19636-19489, 19439-19292, 19242-19095, 19045-18898, 18848-18701, 18651-18504, 18454-18307, 18257-18110, 18061-17913, 17863-17716, 17666-17519, 17469-17322, 17272-17124, 17071-16928, 16878-16731, 16683-16534, 16484-16337, 16287-16145, 16090-15943, 15893-15746, 15696-15549, 15499-15352, 15302-15155, 15105-14958, 14907-14761, 14711-14564, 14516-14367, 13485-13332, 14120-13971, 13923-13776, 13726-13575, 13529-13382, 13332-13189, 13134-12988, 12938-12791, 12744-12594, 12544-12397, 12347-12198, 12150-12003, 11953-11806, 11761-11609, 11559-11412, 11362-11215, 11165-11018, 10968-10821, 10770-10624, 10574-10427, 10378-10230, 10180-10033, 9983-9837' Total 1248 holes. Frac in 52 stages w/ 12565602g Slickwater + 1130052g 7.5% HCl Acid w/ 15679961# sand, RD Schlumberger 12/30/18. RIH & clean out, flow to clean up and test well for potential.

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DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #459474 verified by the BLM Well Information System  
For OXY USA INC., sent to the Carlsbad

Name (Printed/Typed) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 03/28/2019

**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

Pending BLM approvals will  
subsequently be reviewed  
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United States

(Instructions on page 2)

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

\*\* OPERATOR-SUBMITTED \*\*

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Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT II-ARTESIA O.C.D.

5. Lease Serial No.  
NMNM94651

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
CEDAR CANYON 27-28 FED COM 42H9. API Well No.  
30-015-4443510. Field and Pool, or Exploratory  
PIERCE CROSSING;BN SPRG,E11. Sec., T., R., M., or Block and Survey  
or Area Sec 28 T24S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
2948 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other2. Name of Operator  
OXY USA INC. Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com3. Address P.O. BOX 50250  
MIDLAND, TX 797103a. Phone No. (include area code)  
Ph: 432-685-5936

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

Sec 28 T24S R29E Mer NMP

At surface NWNW 956FNL 325FWL 32.193046 N Lat, 103.997021 W Lon

Sec 28 T24S R29E Mer NMP

At top prod interval reported below SWNW 1710FNL 306FWL 32.190970 N Lat, 103.997090 W Lon

Sec 27 T24S R29E Mer NMP

At total depth SENE 1681FNL 23FEL 32.190960 N Lat, 103.963890 W Lon

14. Date Spudded  
08/05/201815. Date T.D. Reached  
11/30/201816. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/11/201818. Total Depth: MD  
TVD 20134  
998219. Plug Back T.D.: MD  
TVD 20074  
998120. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GAMMA RAY, CBL22. 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	670		1000	240	0	
9.875	7.625 L80	26.4	0	9382	2966	817	345	0	
6.750	5.500 P110	20.0	0	20122		864	214	8880	

## 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) 3RD BONE SPRING	9837	20031	9837 TO 20031	0.370	1248	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9837 TO 20031	12565602G SLICKWATER + 1130052G 7.5% HCL ACID W/ 15679961# 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
01/11/2019	01/16/2019	24	→	3411.0	7864.0	13654.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
57/128	SI	1281.0	→	3411	7864	13654	2305	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 #459473 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	2946	3721	OIL, GAS, WATER	RUSTLER	302
CHERRY CANYON	3722	5185	OIL, GAS, WATER	SALADO	698
BRUSHY CANYON	5186	6640	OIL, GAS, WATER	CASTILE	1370
BONE SPRING	6641	7572	OIL, GAS, WATER	LAMAR	2902
1ST BONE SPRING	7573	8418	OIL, GAS, WATER	BELL CANYON	2946
2ND BONE SPRING	8419	9491	OIL, GAS, WATER	CHERRY CANYON	3722
3RD BONE SPRING	9492	9982	OIL, GAS, WATER	BRUSHY CANYON	5186
				BONE SPRING	6641

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

1ST BONE SPRING 7573' MD  
2ND BONE SPRING 8419' MD  
3RD BONE SPRING 9492' MD

Logs were mailed 3/28/19.

## 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 #459473 Verified by the BLM Well Information System.  
For OXY USA INC., sent to the Carlsbad

Name (please print) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature \_\_\_\_\_ (Electronic Submission)

Date 03/28/2019

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 #459473 that would not fit on the form**

**32. Additional remarks, continued**

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