

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.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	29	24S	29E		1670	SOUTH	420	WEST	EDDY

**<sup>11</sup> Bottom Hole Location**      **Top Perf- 2235' FSL 349' FWL**      **Bottom Perf- 2165' FSL 350' FEL**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	29	24S	29E		2158	SOUTH	201	EAST	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.	

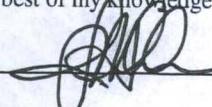
**IV. Well Completion Data**

<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: 

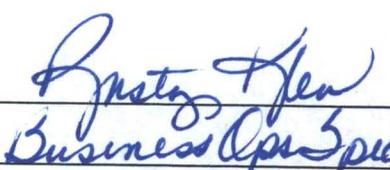
Printed name:  
Jana Mendiola

Title:  
Regulatory Specialist

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

Date:  
5/4/18

Phone:  
432-685-5936

OIL CONSERVATION DIVISION  
Approved by:   
Title: Business Ops Spec - A  
Approval Date: May 14, 2018

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 09 2018

FORM 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. NMNM53229

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

9. API Well No. 30-015-44521

10. Field and Pool, or Exploratory PIERCE CROSSING BONÉ SPRG

11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R29E Mer NMP

12. County or Parish EDDY 13. State NM

17. Elevations (DF, KB, RT, GL)\* 2928 GL

1. a. 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 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

14. Date Spudded 11/11/2017 15. Date T.D. Reached 12/25/2017 16. Date Completed  D & A  Ready to Prod. 02/09/2018

18. Total Depth: MD 13370 TVD 8600 19. Plug Back T.D.: MD 13306 TVD 8600 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 Cemen-ter Depth	No. of Sks. & 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	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	8623	13221	8623 TO 13221	0.420	920	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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 scanned

5-14-2018 *xy*

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

2. Name of Operator  
OXY USA INC. Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

9. API Well No.  
30-015-44521

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

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

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

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

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 recompleate 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 recompleation 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 PBDT @ 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
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 _____

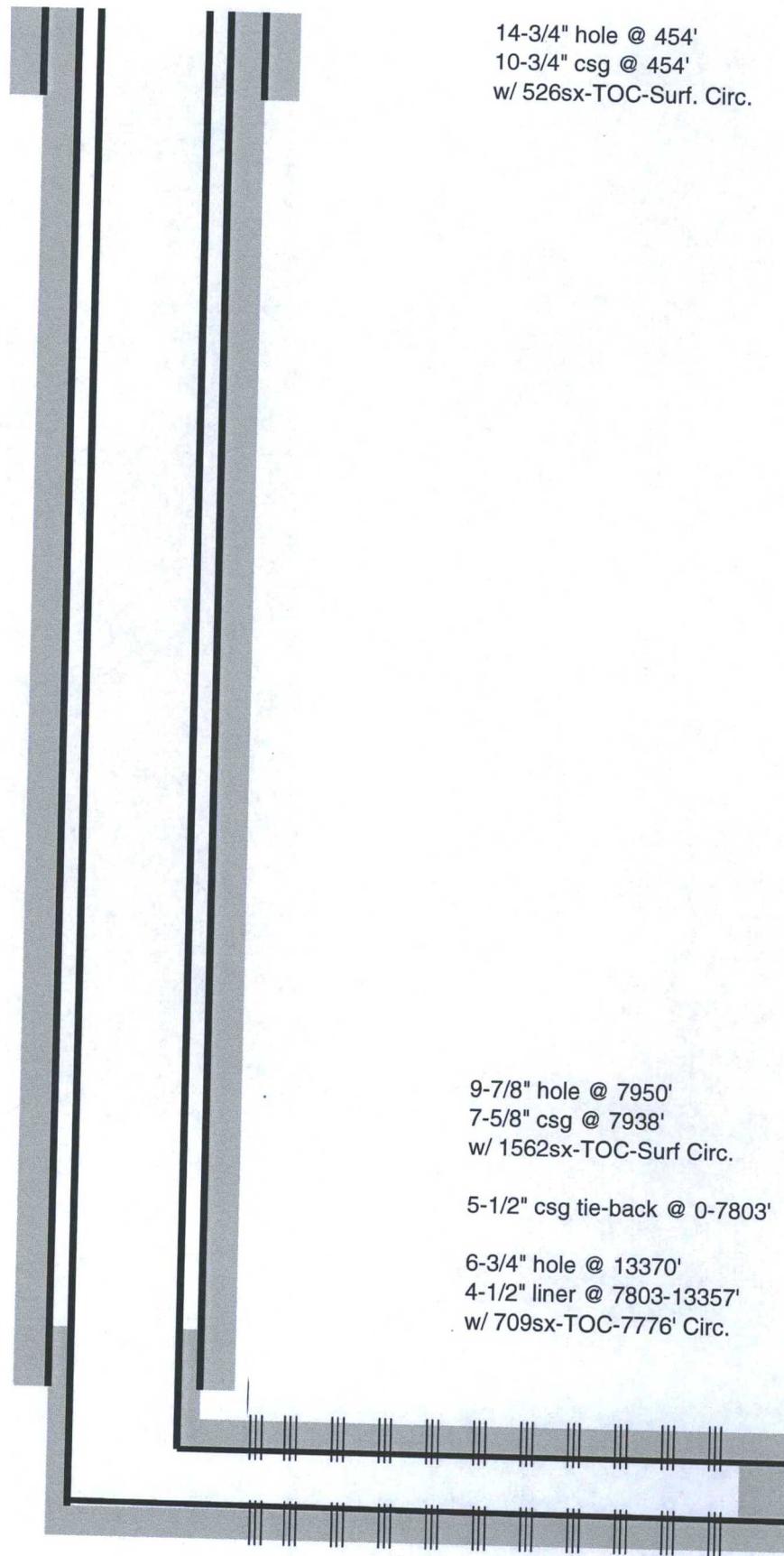
*Handwritten signature and date: 5-14-2018*

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 \*\***

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