

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

EMNRD-OCD ARTESIA  
REC'D: 05/03/2020  
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>3</sup> Reason for Filing Code/ Effective Date – NW
<sup>4</sup> API Number 30 – 015-45572	<sup>5</sup> Pool Name PIERCE CROSSING; BONE SPRING	<sup>6</sup> Pool Code 50371
<sup>7</sup> Property Code: 323008	<sup>8</sup> Property Name: HEIGHT CC 6-7 FEDERAL COM	<sup>9</sup> Well Number: 312H

**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
C	6	24S	29E		170	NORTH	1735	WEST	EDDY

**<sup>11</sup> Bottom Hole Location** FTP- 198' FNL 2233' FEL LTP- 398' FSL 2217' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	7	24S	29E		14	SOUTH	2207	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : P	<sup>14</sup> Gas Connection Date: 8/27/19	<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**

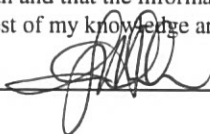
<sup>21</sup> Spud Date 4/11/19	<sup>22</sup> Ready Date 8/27/19	<sup>23</sup> TD 20064'M 9687'V	<sup>24</sup> PBDT 19996'M 9687'V	<sup>25</sup> Perforations 9539-19680'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
14-3/4"	10-3/4"	410'	550		
9-7/8"	7-5/8"	9027'	2420		
6-3/4"	5-1/2"	20054'	844		
	2-7/8"	8856'	N/A		

**V. Well Test Data**

<sup>31</sup> Date New Oil 8/29/19	<sup>32</sup> Gas Delivery Date 8/27/19	<sup>33</sup> Test Date 9/8/19	<sup>34</sup> Test Length 24 HRS.	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 2216
<sup>37</sup> Choke Size 34/128	<sup>38</sup> Oil 3953	<sup>39</sup> Water 13752	<sup>40</sup> Gas 6477		<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: 2/11/2020

Phone: 432-685-5936

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

**DENIED  
SEE RULE: 19.15.5.9**

REC'D: 05/03/2020

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

☒ AMENDED REPORT  
(As-Drilled)

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-45572</b>	Pool Code <b>50371</b>	Pool Name <b>Pierce Crossing; Bone Spring</b>
Property Code <b>323008</b>	Property Name <b>HEIGHT CC "6_7" FEDERAL COM</b>	Well Number <b>312H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	Elevation <b>2957.2'</b>

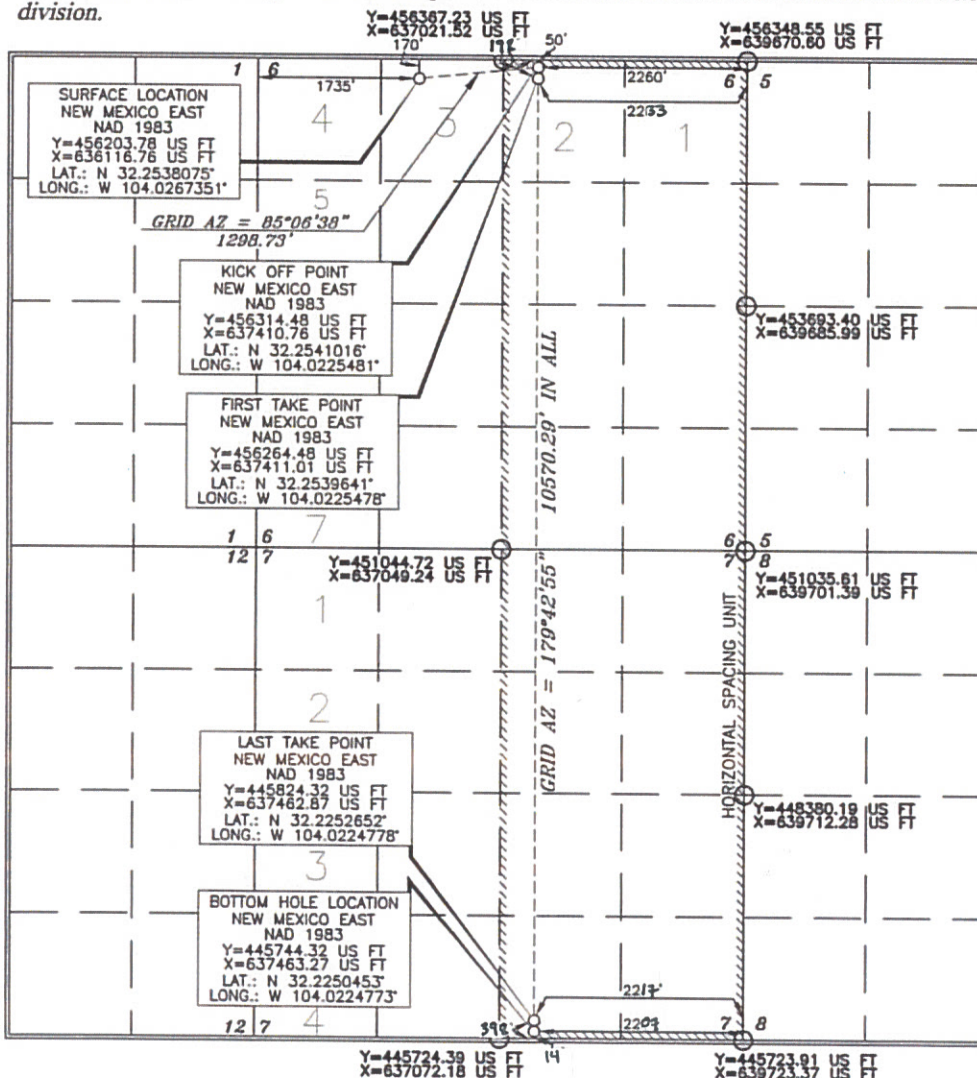
## Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	6	24 SOUTH	29 EAST, N.M.P.M.		170'	NORTH	1735'	WEST	EDDY

## Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	24 SOUTH	29 EAST, N.M.P.M.		20' 14"	SOUTH	2260' 2207'	EAST	EDDY
Dedicated Acres <b>640</b>	Joint or Infill	Consolidation Code	Order No.	<b>LTP- 398 FSL 2217 FEL</b> <b>FTP- 198 FNL 2233 FEL</b>					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



## OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Jana Mendiola Date: 7/10/19  
Printed Name: Jana Mendiola  
E-mail Address: janalyn\_mendiola@oxy.com

## SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: JUNE 27, 2018  
Signature and Seal of Professional Surveyor: Tommy J. Paul  
Certificate Number: 15079



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTEMNRD-OCD ARTESIA  
REC'D: 05/03/2020FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM77018	
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 _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator OXY USA INCORPORATED				Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com	
3. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521				3a. Phone No. (include area code) Ph: 432-685-5936	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 6 T24S R29E Mer NMP At surface NENW 170FNL 1735FWL 32.253807 N Lat, 104.026735 W Lon Sec 6 T24S R29E Mer NMP At top prod interval reported below NWNE 198FNL 2233FEL 32.253720 N Lat, 104.022460 W Lon Sec 7 T24S R29E Mer NMP At total depth SWSE 14FSL 2207FEL 32.225050 N Lat, 104.022470 W Lon				8. Lease Name and Well No. HEIGHT CC 6_7 FEDERAL COM 312H	
14. Date Spudded 04/11/2019				15. Date T.D. Reached 05/20/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/27/2019				9. API Well No. 30-015-45572-00-S1	
17. Elevations (DF, KB, RT, GL)* 2957 GL				10. Field and Pool, or Exploratory PIERCE CROSSING-BONE SPRING	
18. Total Depth: MD 20064 TVD 9687				19. Plug Back T.D.: MD 19996 TVD 9687	
20. Depth Bridge Plug Set: MD TVD				11. Sec., T., R., M., or Block and Survey or Area Sec 6 T24S R29E Mer NMP	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY				12. County or Parish EDDY	
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)				13. State NM	

## 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	410		550	133	0	
9.875	7.625 HCL80	26.4	0	9027		2420	768	0	
6.750	5.500 P110	20.0	0	20054		844	216	6640	

## 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	8856							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING			9539 TO 19680	0.370	1472	ACTIVE
B) BONE SPRING 3RD	9539	19680				
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
9539 TO 19680	11519188G SLICKWATER + 483G 7.5% HCL ACID W/ 13732456# 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
08/29/2019	09/08/2019	24		3953.0	6477.0	13752.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/128	SI	2216.0		3953	6477	13752	1639	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
08/29/2019	09/08/2019	24		3953.0	6477.0	13752.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/128	SI	2216.0		3953	6477	13752	1639	POW	

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

ELECTRONIC SUBMISSION #490867 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BELL CANYON	2804	3682	OIL, GAS, WATER	RUSTLER	295
CHERRY CANYON	3683	4922	OIL, GAS, WATER	SALADO	561
BRUSHY CANYON	4923	6561	OIL, GAS, WATER	CASTILE	1391
BONE SPRING	6562	7576	OIL, GAS, WATER	LAMAR	2769
BONE SPRING 1ST	7577	8334	OIL, GAS, WATER	BELL CANYON	2804
BONE SPRING 2ND	8335	9454	OIL, GAS, WATER	CHERRY CANYON	3683
BONE SPRING 3RD	9455	9687	OIL, GAS, WATER	BRUSHY CANYON	4923
				BONE SPRING	6562

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

1ST BONE SPRING 7577' MD  
 2ND BONE SPRING 8335' MD  
 3RD BONE SPRING 9455' MD

Logs were mailed 11/1/19.

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 #490867 Verified by the BLM Well Information System.  
 For OXY USA INCORPORATED, sent to the Carlsbad  
 Committed to AFMSS for processing by DEBORAH HAM on 12/08/2019 (20DMH0087SE)**

Name(*please print*) JANA MENDIOLA Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 11/01/2019

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #490867 that would not fit on the form**

**32. Additional remarks, continued**

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

## Revisions to Operator-Submitted EC Data for Well Completion #490867

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM77018	NMNM77018
Agreement:		
Operator:	OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710 Ph: 432-685-5936	OXY USA INCORPORATED 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713.350.4816
Admin Contact:	JANA MENDIOLA REGULATORY SPECIALIST E-Mail: janalyn_mendiola@oxy.com  Ph: 432-685-5936	JANA MENDIOLA REGULATORY SPECIALIST E-Mail: janalyn_mendiola@oxy.com  Ph: 432-685-5936
Tech Contact:	JANA MENDIOLA REGULATORY SPECIALIST E-Mail: janalyn_mendiola@oxy.com  Ph: 432-685-5936	JANA MENDIOLA REGULATORY SPECIALIST E-Mail: janalyn_mendiola@oxy.com  Ph: 432-685-5936
Well Name: Number:	HEIGHT CC 6-7 FEDERAL COM 312H	HEIGHT CC 6_7 FEDERAL COM 312H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 6 T24S R29E Mer NMP	Sec 6 T24S R29E Mer NMP
Surf Loc:	NENW 170FNL 1735FWL 32.253807 N Lat, 104.026735 W Lon	NENW 170FNL 1735FWL 32.253807 N Lat, 104.026735 W Lon
Field/Pool:	PIERCE CROSSING; BONE SPG	PIERCE CROSSING-BONE SPRING
Logs Run:	GAMMA RAY	GAMMARAY
Producing Intervals - Formations:	3RD BONE SPRINGS	BONE SPRING BONE SPRING 3RD
Porous Zones:	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD
Markers:	RUSTLER SALADO CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	RUSTLER SALADO CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING