

State of New Mexico  
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham  
Governor

Sarah Cottrell Propst  
Cabinet Secretary

Todd E. Leahy, JD, PhD  
Deputy Secretary

Adrienne Sandoval, Division Director  
Oil Conservation Division



## Operator Notice Regarding C-104 Denial and Request for Information

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

- 30-015-45572**
- C-103 (or BLM equivalent) for all casing strings
    - Spud Notice
    - Surface Casing
    - Intermediate Casing (if applicable)
    - Additional Intermediate Casing (if applicable)
    - Production Casing or Liner
  
  - Applicable Order (NSL, NSP, Other \_\_\_\_\_)
  
  - Deviation Survey for Vertical Wells
  
  - Directional Survey
  
  - C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- C-103 Completion Sundry (or BLM equivalent) **ACCEPTED BY BLM.**
- C-105 Completion Report (or BLM equivalent)
  
- All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

**If you have any questions, please contact the local OCD District Office.**

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

**NM OIL CONSERVATION**

ARTESIA DISTRICT

NOV 03 2019  
Submit one copy to appropriate District Office

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

AMENDED REPORT

RECEIVED

**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 - 015-45572		<sup>6</sup> Pool Code 50371
<sup>5</sup> Pool Name PIERCE CROSSING; BONE SPRING	<sup>3</sup> Reason for Filing Code/ Effective Date - NW	
<sup>7</sup> Property Code: 323065	<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> PBTB 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: 11/1/2019 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by: \_\_\_\_\_  
Title: \_\_\_\_\_  
Approval Date: \_\_\_\_\_

**DENIED**  
**See Attached Cover sheet**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.  
NMNM77018

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.  
HEIGHT CC 6-7 FEDERAL COM 312H

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

9. API Well No.  
30-015-45572

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 SPG

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T24S R29E Mer NMP NENW 170FNL 1735FWL  
32.253807 N Lat, 104.026735 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 Hydraulic Fracture
	<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 recomplete 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 5/30/19, RIH & POOH w/ RBP, clean out to PBTD @ 19996', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 19484-19680, 19263-19458, 19044-19237, 18820-19016, 18600-18795, 18379-18575, 18158-18353, 17937-18132, 17716-17908, 17495-17690, 17274-17469, 17053-17248, 16832-17027, 16611-16806, 16390-16585, 16169-16364, 15948-16143, 15727-15922, 15506-15701, 15285-15480, 15064-15259, 14843-15038, 14622-14817, 14401-14596, 14180-14375, 13959-14154, 13738-13933, 13621-13785, 13517-13712, 13075-13271, 12954-13049, 12633-12828, 12446-12609, 12412-12607, 12191-12386, 11749-11944, 11528-11723, 11307-11502, 11086-11280, 10865-11060, 10644-10839, 10423-10618, 10202-10397, 9981-10176, 9760-9955, 9539-9734' Total 1472 holes. Frac in 46 stages w/ 11519188g Slickwater + 483g 7.5% HCl Acid w/ 13732456# sand, RD Schlumberger 6/29/19. 10/25/19 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & ESP set @ 8856', RD 10/27/19. Pump to clean up and turn well over to production.

IF THERE IS AN ACCEPTED COPY

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #490868 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 11/01/2019

O.C.D. CAN ACCEPT AS APPROVAL FORM AB

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ 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 \_\_\_\_\_

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.

(Instructions on page 2)

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

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**

5. Lease Serial No.  
NMNM77018

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 Sec 6 T24S R29E Mer NMP  
NENW 170FNL 1735FWL 32.253807 N Lat, 104.026735 W Lon  
At top prod interval reported below Sec 6 T24S R29E Mer NMP  
NWNE 198FNL 2233FEL 32.253720 N Lat, 104.022460 W Lon  
At total depth Sec 7 T24S R29E Mer NMP  
SWSE 14FSL 2207FEL 32.225050 N Lat, 104.022470 W Lon

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
HEIGHT CC 6-7 FEDERAL COM 312H

9. API Well No.  
30-015-45572

10. Field and Pool, or Exploratory  
PIERCE CROSSING; BONE SPG

11. Sec., T., R., M., or Block and Survey  
or Area Sec 6 T24S R29E Mer NMP

12. County or Parish  
EDDY 13. State  
NM

14. Date Spudded  
04/11/2019 15. Date T.D. Reached  
05/20/2019 16. Date Completed  
 D & A  Ready to Prod.  
08/27/2019

17. Elevations (DF, KB, RT, GL)\*  
2957 GL

18. Total Depth: MD 20064  
TVD 9687 19. Plug Back T.D.: MD 19996  
TVD 9687 20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GAMMA RAY 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	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

26. Perforation Record

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

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
			→						
Choke Size	Tbg. Press. Flwg.	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 #490867 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	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
1ST BONE SPRING	7577	8334	OIL, GAS, WATER	BELL CANYON	2804
2ND BONE SPRING	8335	9454	OIL, GAS, WATER	CHERRY CANYON	3683
3RD BONE SPRING	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 INC., sent to the Carlsbad**

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.

\*\* ORIGINAL \*\*

**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.