

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

¹ Operator name and Address OXY USA Inc. P.O. BOX 50250 Midland, TX 79710		² OGRID Number 16696	
⁴ API Number 30-015-44523	⁵ Pool Name Pierce Crossing Bone Spring		⁶ Pool Code 50371
⁷ Property Code: 304791		⁸ Property Name: Cedar Canyon 29 Federal	
		⁹ Well Number: 26H	

II. ¹⁰ 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		1610	SOUTH	420	WEST	EDDY

¹¹ Bottom Hole Location

Top Perf- 486' FSL 372' FWL Bottom Perf- 420' FSL 347' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	24S	29E		419	SOUTH	183	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 2/9/18		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214754	LPC CRUDE OIL, INC	O
151618	ENTERPRISE FIELD SERVICES LLC	G
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DISTRICT II-ARTESIA O.C.D.		

IV. Well Completion Data

²¹ Spud Date 11/15/17	²² Ready Date 2/9/18	²³ TD 13395'M 8630'V	²⁴ PBTD 13339'M 8628'V	²⁵ Perforations 8633-13231'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14-3/4"		10-3/4"		616'	680
9-7/8"		7-5/8"		8012'	1653
6-3/4"		4-1/2"		7796-13390'	678

V. Well Test Data

³¹ Date New Oil 2/10/18	³² Gas Delivery Date 2/9/18	³³ Test Date 2/20/18	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1028
³⁷ Choke Size 72/128	³⁸ Oil 2918	³⁹ Water 2167	⁴⁰ Gas 3592		⁴¹ Test Meth F

⁴² 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:

Approval Date:

Jana Mendiola
Business Ops Spec A
5-14-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DISTRICT II-ARTESIA O.C.D.FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM53229

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator OXY USA INC.		8. Lease Name and Well No. CEDAR CANYON 29 FEDERAL 26H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-44523	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 1610FSL 420FWL 32.185562 N Lat, 104.013801 W Lon At top prod interval reported below SWSW 486FSL 372FWL 32.182348 N Lat, 104.014043 W Lon At total depth SESE 419FSL 183FEL 32.182272 N Lat, 103.998664 W Lon		10. Field and Pool, or Exploratory PIERCE CROSSING BONE SPRG	
14. Date Spudded 11/15/2017		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R29E Mer NMP	
15. Date T.D. Reached 01/11/2018		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2018		13. State NM	
17. Elevations (DF, KB, RT, GL)* 2928 GL			
18. Total Depth: MD 13395 TVD 8630		19. Plug Back T.D.: MD 13339 TVD 8628	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG		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)	

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	616		680	160	0	
6.750	5.500 P110	20.0	0	7796					
9.875	7.625 L80	29.7	0	8012	2844	1653	539	0	
6.750	4.500 P110	13.5	7796	13390		678	163	7809	

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	8633	13231	8633 TO 13231	0.420	920	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8633 TO 13231	5477254G SLICK WATER + 23016G 7.5% HCL ACID W/ 6942094# 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	02/20/2018	24	→	2918.0	3592.0	2167.0			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	
72/128		1028.0	→	2918	3592	2167	1231	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	
			→						

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subsequently be reviewed
and scanned25
5-14-2018

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

ELECTRONIC SUBMISSION #413567 VERIFIED BY THE BLM WELL INFORMATION SYS

** 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	2826	3667	OIL, GAS, WATER	RUSTLER	288
CHERRY CANYON	3668	4962	OIL, GAS, WATER	SALADO	636
BRUSHY CANYON	4963	6427	OIL, GAS, WATER	CASTILE	1323
BONE SPRING	6428	7619	OIL, GAS, WATER	DELAWARE	2797
1ST BONE SPRING	7620	8429	OIL, GAS, WATER	BELL CANYON	2826
2ND BONE SPRING	8430	8630	OIL, GAS, WATER	CHERRY CANYON	3668
				BRUSHY CANYON	4963
				BONE SPRING	6428

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

1ST BONE SPRING 7620' MD
2ND BONE SPRING 8430' 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 #413567 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 #413567 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, 20185. Lease Serial No.
NMNM53229

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CEDAR CANYON 29 FEDERAL 26H9. API Well No.
30-015-4452310. Field and Pool or Exploratory Area
PIERCE CROSSING BONE SPRG11. County or Parish, State
EDDY COUNTY, NM**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.com3a. Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-59364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T24S R29E Mer NMP NWSW 1610FSL 420FWL
32.185562 N Lat, 104.013801 W Lon**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 1/18/18, RIH & clean out to PBTD @ 13339', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 13231-13055, 13030-12854, 12829-12653, 12628-12452, 12427-12251, 12226-12050, 12025-11849, 11824-11648, 11623-11447, 11422-11246, 11221-11045, 11020-10844, 10819-10643, 10618-10442, 10417-10241, 10216-10040, 10015-9839, 9814-9638, 9613-9437, 9412-9236, 9211-9035, 9010-8834, 8809-8633' Total 920 holes. Frac in 23 stages w/ 5477254g Slick Water + 23016g 7.5% HCl acid w/ 6942094# sand, RD Schlumberger 1/29/18. RIH & clean out, flow to clean up and test well for potential.

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

Electronic Submission #413565 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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly 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 ****

OXY USA Inc.
Cedar Canyon 29 Federal 26H
API No. 30-015-44523

14-3/4" hole @ 616'
10-3/4" csg @ 616'
w/ 680sx-TOC-Surf. Circ.

9-7/8" hole @ 8025'
7-5/8" csg @ 8012'
w/ 1653sx-TOC-Surf Circ.

5-1/2" csg tie-back @ 0-7796'

6-3/4" hole @ 13395'
4-1/2" liner @ 7796-13390'
w/ 678sx-TOC-7809' Circ.

Perfs @ 8633-13231'

TD- 13395'M 8630'V