

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
OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

MAY 01 2017

RECEIVED

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
		³ Reason for Filing Code/ Effective Date: NW
⁴ API Number 30-015-44016	⁵ Pool Name Pierce Crossing Bone Spring, East	⁶ Pool Code 96473
⁷ Property Code: 304790	⁸ Property Name: Cedar Canyon 28 Federal	⁹ Well Number: 9H

II. ¹⁰ Surface Location

UL or lot no. H	Section 29	Township 24S	Range 29E	Lot Idn	Feet from the 1990	North/South Line North	Feet from the 120	East/West line East	County Eddy
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¹¹ Bottom Hole Location Top Perf- 1684 FNL 364 FWL Bottom Perf- 1678 FNL 360 FEL

UL or lot no. H	Section 28	Township 24S	Range 29E	Lot Idn	Feet from the 1684	North/South line North	Feet from the 163	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 4/20/17	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
239284	OCCIDENTAL ENERGY TRANSPORTATION (BRIDGER LLC)	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 1/15/17	²² Ready Date 4/9/17	²³ TD 13835'M 8708'V	²⁴ PBTD 13770'M 8708'V	²⁵ Perforations 9079-13637'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	672'	700		
9-7/8"	7-5/8"	7980'	2140		
6-3/4"	4-1/2"	7829-13822'	550		

V. Well Test Data

³¹ Date New Oil 4/16/17	³² Gas Delivery Date 4/20/17	³³ Test Date 4/27/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure ---	³⁶ Csg. Pressure 1313
³⁷ Choke Size 34/64	³⁸ Oil 1262	³⁹ Water 1548	⁴⁰ Gas 2238	GOR 1773	⁴¹ Test Method 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 Coordinator

E-mail Address:
janalyn_mendiola@oxy.com

Date:
4/27/17

Phone:
432-685-5936

Approved by:

Title:

Approval Date:

Raymond W. Bodany
Geologist

5-3-17

OIL CONSERVATION DIVISION

Pending BLM approvals will subsequently be reviewed and scanned

Provide Gas Capture Plan

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOIL CONSERVATION
ARTESIA DISTRICT

MAY 01 2017

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
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.com3a Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-5936

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

Sec 29 T24S R29E SENE 1990FNL 120FEL
32.190205 N Lat, 103.998463 W Lon8 Well Name and No.
CEDAR CANYON 28 FEDERAL 9H9. API Well No.
30-015-4401610. Field and Pool or Exploratory Area
PIERCE CROSSING BN SPRG,E

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 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 3/8/17, RIH & clean out to PBTD @ 13770'. 3/10/17 RIH w/ 5-1/2" 20# P110 tie back seal assembly connect to 4-1/2" 13.5# P110 liner. Pressure test csg to 9500# for 30 min, good test. RIH & perf @ 13637-13431, 13378-13175, 13125-12919, 12869-12666, 12613-12413, 12357-12151, 12101-11895, 11845-11639, 11589-11389, 11333-11127, 11077-10871, 10821-10615, 10565-10359, 10309-10103, 10055-9847, 9793-9595, 9541-9335, 9285-9079' Total 540 holes. Frac in 18 stages w/ 3748920g Slick Water + 34860g 15% HCl acid + 3186036g Linear gel w/ 7639250# sand, RD Schlumberger 3/28/17. RIH & clean out, flow to clean up and test well for potential.

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

**Electronic Submission #374213 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 04/27/2017

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 knowingly and willfully
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOIL CONSERVATION
ARTESIA DISTRICTFORM 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.

MAY 01 2017

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. CEDAR CANYON 28 FEDERAL 9H
2. Name of Operator OXY USA INC.	9. API Well No. 30-015-44016
3a. Address P.O. BOX 50250 MIDLAND, TX 79710	10. Field and Pool or Exploratory Area E. PIERCE CROSSING BN SPG
3b. Phone No. (include area code) Ph: 432-685-5936	11. County or Parish, State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T24S R29E SENE 1990FNL 120FEL 32.190205 N Lat, 103.998463 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	Drilling Operations
	<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 recompletable 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 recompletable 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.

2/23/17 Skid rig back to Cedar Canyon 28 Federal 9H. RU BOP, test @ 250# low 5000# high. RIH & tag DVT, drill out DVT, test 7-5/8" casing to 3884# for 30 min, good test. Drill new formation to 8004', perform FIT test EMW=12.6ppg, 1245psi, good test. 2/24/17 Drill 6-3/4" hole to 13835'M 8708'V 3/1/17. RIH w/ 4-1/2" 13.5# P110 liner csg @ 13822', TOL @ 7829'. Pump 20BFW spacer then cmt w/ 550sx (166bbbl) PPC w/ additives 13.2ppg 1.65 yield. Install packoff, test to 5000#, good test. Install night cap, ND BOP. RD Rel Rig 3/4/17.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #368878 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 03/06/2017

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 knowingly and
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

any department or agency of the United

(Instructions on page 2)

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

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 01 2017

Form 3160-4
(August 2007)

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

RECEIVED

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 28 FEDERAL 9H		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9 API Well No 30-015-44016		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 1990FNL 120FEL 32.190205 N Lat, 103.998463 W Lon At top prod interval reported below SWNW 1684FNL 364FWL 32.190973 N Lat, 103.996975 W Lon At total depth SENE 1684FNL 163FEL 32.190976 N Lat, 103.981429 W Lon			10. Field and Pool, or Exploratory PIERCE CROSSING BN SPRG.E		
14 Date Spudded 01/15/2017			15 Date T.D. Reached 03/01/2017		
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 04/09/2017			17 Elevations (DF, KB, RT, GL)* 2948 GL		
18 Total Depth: MD 13835 TVD 8708		19 Plug Back T.D.: MD 13770 TVD 8708		20 Depth Bridge Plug Set: MD TVD	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) BPLCMRGR\HRLASGR\TRIPLE COMBO\CNLSGR			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	672		700	209	0	
9.875	7.625 L80	29.7	0	7980	2955	2140	910	0	
6.750	4.500 P110	13.5	7829	13822		550	166	7829	

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	9079	13637	9079 TO 13637	0.420	540	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9079 TO 13637	3748920G SLICK WATER + 34860G 15% HCL ACID + 3186036G LINEAR GEL W/ 7639250# 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
04/16/2017	04/27/2017	24	→	1262.0	2238.0	1548.0			FLOW FROM WELL
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
34/64	SI	1313.0	→	1262	2238	1548	1773	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 #374209 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed
and scanned

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	2954	3638	OIL, GAS, WATER	RUSTLER	331
CHERRY CANYON	3639	5051	OIL, GAS, WATER	SALADO	735
BRUSHY CANYON	5052	6590	OIL, GAS, WATER	CASTILE	1366
BONE SPRING	6591	7570	OIL, GAS, WATER	DELAWARE	2906
1ST BONE SPRING	7571	7802	OIL, GAS, WATER	BELL CANYON	2954
2ND BONE SPRING	7803	8708	OIL, GAS, WATER	CHERRY CANYON	3639
				BRUSHY CANYON	5052
				BONE SPRING	6591

32. Additional remarks (include plugging procedure):

3/10/17 RIH w/ 5-1/2" 20# P110 tie back seal assembly connect to 4-1/2" 13.5# P110 liner.

FORMATION (LOG) MARKERS CONTD:

1ST BONE SPRING 7571' MD
2ND BONE SPRING 7803' MD

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 #374209 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 04/27/2017

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 #374209 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 4/28/17.
Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.