

District I
625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

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 30-015-44178		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name Pierce Crossing Bone Spring, East	⁶ Pool Code 96473	
⁷ Property Code: 317747	⁸ Property Name: Cedar Canyon 23-24 Federal Com	⁹ Well Number: 34H

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
M	23	24S	29E		319	South	88	West	Eddy

¹¹ Bottom Hole Location Top Perf- 925 FSL 384 FWL Bottom Perf- 942 FSL 2316 FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	24	24S	29E		939	South	2487	West	Eddy
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 9/10/17		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
311333	BRIDGER TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC NM OIL CONSERVATION ARTESIA DISTRICT NOV 27 2017 RECEIVED	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBSD	²⁵ Perforations	²⁶ DHC, MC
7/15/17	8/31/17	17582'M 10119'V	17520'M 10117'V	10188-17410'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	428'		329 ✓	
9-7/8"	7-5/8"	9377'		1656 ✓	
6-3/4"	4-1/2"	9233-17572'		1028 ✓	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
9/4/17	9/10/17	9/10/17	24 hrs.	---	1343
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
128/128	3593	13569	7695	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: 11/17/17 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title: Geologist

Approval Date: 11-28-2017

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 27 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

5. Lease Serial No
NMNM81586

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No.
CEDAR CANYON 23-24 FEDERAL COM 34H

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 23 T24S R29E Mer NMP
SWSW 319FSL 88FWL 32.196520 N Lat, 103.963476 W Lon

At top prod interval reported below Sec 23 T24S R29E Mer NMP
SWSW 925FSL 384FWL 32.198227 N Lat, 103.962660 W Lon

At total depth Sec 24 T24S R29E Mer NMP
SESW 939FSL 2487FWL 32.198250 N Lat, 103.938673 W Lon

9. API Well No.
30-015-44178

10. Field and Pool, or Exploratory
PIERCE CROSSING BN SPRG,E

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T24S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/05/2017

15. Date T.D. Reached
07/23/2017

16. Date Completed
 D & A Ready to Prod.
08/31/2017

17. Elevations (DF, KB, RT, GL)*
2918 GL

18. Total Depth: MD 17582 TVD 10119

19. Plug Back T.D.: MD 17520 TVD 10117

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	428		329	78	0	
9.875	7.625 L80	29.7	0	9377	3042	1656	641	0	
6.750	4.500 P110	13.5	9233	17572		1028	247	9233	

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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 3RD BONE SPRING	10188	17410	10188 TO 17410	0.420	1440	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10188 TO 17410	7488852G SLICKWATER + 69552G 15% HCL ACID + 3754716G LINEAR GEL + 3250380G CROSSLINK

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
09/04/2017	09/10/2017	24	▶	3593.0	7695.0	13569.0			FLOWS FROM WELL
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
128/128	SI	1343.0	▶	3593	7695	13569	2142	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API
			▶				
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio
	SI		▶				

Pending BLM approvals will subsequently be reviewed and scanned

BC 11-28-17

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

ELECTRONIC SUBMISSION #395434 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	3066	3895	OIL, GAS, WATER	RUSTLER	165
CHERRY CANYON	3896	5199	OIL, GAS, WATER	SALADO	690
BRUSHY CANYON	5200	6709	OIL, GAS, WATER	CASTILE	1497
BONE SPRING	6710	7727	OIL, GAS, WATER	DELAWARE	3017
1ST BONE SPRING	7728	8469	OIL, GAS, WATER	BELL CANYON	3066
2ND BONE SPRING	8470	9719	OIL, GAS, WATER	CHERRY CANYON	3896
3RD BONE SPRING	9720	10117	OIL, GAS, WATER	BRUSHY CANYON	5200
				BONE SPRING	6710

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

1ST BONE SPRING 7728'M
2ND BONE SPRING 8470'M
3RD BONE SPRING 9720'M

Logs were mailed 11/17/17.

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 #395434 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 11/17/2017

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 #395434 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

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
NMNM81586

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No.
CEDAR CANYON 23-24 FEDERAL COM 341

9 API Well No.
30-015-44178

10 Field and Pool or Exploratory Area
PIERCE CROSSING BN SPRG,E

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

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

3a. Address
P.O. BOX 50250
MIDLAND, TX 79710
3b. Phone No. (include area code)
Ph: 432-685-5936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T24S R29E Mer NMP SWSW 319FSL 88FWL
32.196520 N Lat, 103.963476 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 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 7/30/17, RIH & clean out to PBTD @ 17520'. 8/2/17 RIH w/ 5-1/2" 20# P110 tie back seal assembly connect to 4-1/2" 13.5# P110 liner. Pressure test csg to 9800# for 30 min, good test. RIH & perf @ 17410-17258, 17208-17056, 17006-16854, 16799-16652, 16602-16450, 16400-16245, 16198-16046, 15993-15844, 15794-15642, 15592-15438, 15390-15238, 15186-15036, 14986-14862, 14836-14635, 14582-14430, 14382-14228, 14178-14026, 13976-13824, 13774-13622, 13572-13421, 13370-13218, 13170-13016, 12966-12814, 12764-12610, 12562-12410, 12358-12208, 12158-12006, 11956-11804, 11754-11605, 11552-11400, 11346-11198, 11148-10996, 10946-10794, 10744-10592, 10542-10390, 10390-10188' Total 1440 holes. Frac in 36 stages w/ 7488852g Slick Water + 69552g 15% HCl acid + 3754716g linear gel + 3250380g crosslink w/ 13038170# sand, RD Schlumberger 8/22/17. RIH & clean out, flow to clean up and test well for potential.

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 27 2017
RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #395429 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 11/17/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Tit Pending BLM approvals will subsequently be reviewed and scanned 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. Of _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person States any false, fictitious or fraudulent statements or representations as to any matter within _____ of the United States