

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1090 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Form C-104
Revised August 1, 2011

OIL CONSERVATION
ARTESIA DISTRICT

JAN 02 2018
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 30-015-44181	⁵ Pool Name Corral Draw Bone Spring	⁶ Pool Code 96238
⁷ Property Code: 315207	⁸ Property Name: Cedar Canyon 21 Federal Com	⁹ Well Number: 21H

II. ¹⁰ Surface Location

UL or lot no. A	Section 21	Township 24S	Range 29E	Lot Idn	Feet from the 369	North/South Line North	Feet from the 368	East/West line East	County Eddy
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¹¹ Bottom Hole Location **Top Perf- 427' FNL 356' FEL** **Bottom Perf- 471' FNL 389' FWL**

UL or lot no. D	Section 21	Township 24S	Range 29E	Lot Idn	Feet from the 475	North/South line North	Feet from the 188	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 11/5/17	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	G

IV. Well Completion Data

²¹ Spud Date 7/30/17	²² Ready Date 11/3/17	²³ TD 13503'M 8550'V	²⁴ PBDT 13444'M 8551'V	²⁵ Perforations 13302-8751'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	463'	329 ✓		
9-7/8"	7-5/8"	7885'	1951 ✓		
6-3/4"	4-1/2"	7713-13496'	700 ✓		

V. Well Test Data

³¹ Date New Oil 11/4/17	³² Gas Delivery Date 11/5/17	³³ Test Date 11/9/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure ---	³⁶ Csg. Pressure 644
³⁷ Choke Size 49/128	³⁸ Oil 3473	³⁹ Water 3324	⁴⁰ Gas 6130		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:
12/22/17

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Geo/Logist

Approval Date:

1-18-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

BLM OIL CONSERVATION
ARTESIA DISTRICT

JAN 02 2017

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM85893

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CEDAR CANYON 21 FEDERAL COM 21H

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 NENE 369FNL 368FEL 32.209271 N Lat, 103.982058 W Lon

At top prod interval reported below NENE 427FNL 356FEL 32.209075 N Lat, 103.981968 W Lon

At total depth NWNW 475FNL 188FWL 32.209047 N Lat, 103.997389 W Lon

10. Field and Pool, or Exploratory
COTTON DRAW BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 21 T24S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/30/2017

15. Date T.D. Reached
08/27/2017

16. Date Completed
☐ D & A ☒ Ready to Prod
11/03/2017

17. Elevations (DF, KB, RT, GL)*
2928 GL

18. Total Depth: MD 13503
TVD 8550

19. Plug Back T.D.: MD 13444
TVD 8551

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	463		329	77	0	
9.875	7.625 L80	29.7	0	7885	3016	1951	948	0	
6.750	4.500 P110	13.5	7713	13496		700	167	7713	

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) 2ND BONE SPRING	8751	13302	8751 TO 13302	0.420	920	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8751 TO 13302	7025592G SLICKWATER + 966000G 7.5% HCL ACID W/6934460# 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
11/04/2017	11/09/2017	24	→	3473.0	6130.0	3324.0			FLOWS FROM WELL
Choke Size	Tbg Press. Flwg	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
49/128	SI	644.0	→	3473	6130	3324	1765	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 Gra	Production Method
			→						
Choke Size	Tbg Press. Flwg	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #398934 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BC 1-19-18

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	3007	3829	OIL, GAS, WATER	RUSTLER	292
CHERRY CANYON	3830	5219	OIL, GAS, WATER	SALADO	610
BRUSHY CANYON	5220	6359	OIL, GAS, WATER	CASTILE	1422
BONE SPRING	6360	7342	OIL, GAS, WATER	DELAWARE	2690
1ST BONE SPRING	7343	8457	OIL, GAS, WATER	BELL CANYON	3007
2ND BONE SPRING	8458	8550	OIL, GAS, WATER	CHERRY CANYON	3830
				BRUSHY CANYON	5220
				BONE SPRING	6360

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

1ST BONE SPRING 7343'M
2ND BONE SPRING 8458'M

Logs were mailed 12/22/17.

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

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 #398934 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 12/22/2017

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 #398934 that would not fit on the form

32. Additional remarks, continued