

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

Form C-104
Revised August 1, 2011

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 30-015-44191		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: 23H	

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
E	21	24S	29E		1824	North	141	West	Eddy

¹¹ Bottom Hole Location Top Perf- 2273' FNL 368' FWL Bottom Perf- 2177' FNL 336' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	21	24S	29E		2177	North	175	East	Eddy
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 11/29/17	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
	NM OIL CONSERVATION ARTESIA DISTRICT	
	FEB 12 2018	

IV. Well Completion Data

RECEIVED

²¹ Spud Date 8/11/17	²² Ready Date 11/27/17	²³ TD 13360'M 8708'V	²⁴ PBTD 13293'M 8706'V	²⁵ Perforations 13200-8569'	²⁶ DHC, MC
²⁷ Hole Size 14-3/4"	²⁸ Casing & Tubing Size 10-3/4"	²⁹ Depth Set 451'	³⁰ Sacks Cement 350		
9-7/8"	7-5/8"	8096'	1661		
6-3/4"	4-1/2"	7891-13347'	660		
	2-7/8"	7850'	na		

V. Well Test Data

³¹ Date New Oil 11/27/17	³² Gas Delivery Date 11/29/17	³³ Test Date 12/6/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Press 740
³⁷ Choke Size 94/128	³⁸ Oil 3102	³⁹ Water 3744	⁴⁰ Gas 5640		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 Coordinator

E-mail Address:
janalyn_mendiola@oxy.com

Date:
02/08/18

Phone:
432-685-5936

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Raymond R. Rodary

Geologist

2-26-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 12 2018

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

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.
NMNM85893

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
CEDAR CANYON 21 FEDERAL COM 23H

3. Address P.O. BOX 50250
MIDLAND, TX 79710

3a. Phone No. (include area code)
Ph: 432-685-5936

9. API Well No.
30-015-44191

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNW 1824FNL 141FWL 32.205244 N Lat, 103.997550 W Lon
At top prod interval reported below SWNW 2273FNL 368FWL 32.204210 N Lat, 103.996916 W Lon
At total depth SENE 2177FNL 175FEL 32.204238 N Lat, 103.981459 W Lon

10. Field and Pool, or Exploratory
CORRAL 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
08/11/2017

15. Date T.D. Reached
09/17/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/27/2017

17. Elevations (DF, KB, RT, GL)*
2931 GL

18. Total Depth: MD 13360
TVD 8708

19. Plug Back T.D.: MD 13293
TVD 8706

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	40.5	0	451		350	82	0	
9.875	7.625 L80	29.7	0	8096	3110	1661	550	0	
6.750	4.500 P110	13.5	7891	13347		660	159	7891	

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	7850	7850						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	8569	13200	8569 TO 13200	0.420	576	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8569 TO 13200	5784870G SLICKWATER + 24990G 7.5% HCL ACID W/7210300# 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
11/27/2017	12/06/2017	24	→	3102.0	5640.0	3744.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
94/128	SI	740.0	→	3102	5640	3744	1818	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	
			→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #403953 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BC 2-27-18

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	2958	3793	OIL, GAS, WATER	RUSTLER	265
CHERRY CANYON	3794	5095	OIL, GAS, WATER	SALADO	622
BRUSHY CANYON	5096	6626	OIL, GAS, WATER	CASTILE	1678
BONE SPRING	6627	7565	OIL, GAS, WATER	DELAWARE	2901
1ST BONE SPRING	7566	8389	OIL, GAS, WATER	BELL CANYON	2958
2ND BONE SPRING	8390	8708	OIL, GAS, WATER	CHERRY CANYON	3794
				BRUSHY CANYON	5096
				BONE SPRING	6627

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7566'M
2ND BONE SPRING 8390'M

Logs were mailed 2/9/18.

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 #403953 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 02/08/2018

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.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM85893

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CEDAR CANYON 21 FEDERAL COM 23H9. API Well No.
30-015-4419110. Field and Pool or Exploratory Area
CORRAL DRAW BONE SPRING11. 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: 432-685-5936

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

Sec 21 T24S R29E SWNW 1824FNL 141FWL
32.205244 N Lat, 103.997550 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 10/19/17, RIH & clean out to PBDT @ 13293'. 10/23/17 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 @ 13200-13031, 13006-12837, 12812-12643, 12618-12449, 12424-12255, 12230-12061, 12036-11867, 11842-11673, 11648-11479, 11454-11285, 11260-11091, 11066-10897, 10872-10703, 10678-10509, 10484-10315, 10290-10121, 10096-9927, 9902-9733, 9708-9539, 9514-9345, 9320-9151, 9126-8957, 8932-8763, 8738-8569' Total 576 holes. Frac in 24 stages w/ 5784870g Slick Water + 24990g 7.5% HCl acid w/ 7210300# sand, RD Schlumberger 11/9/17. 2/3/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 7850', RIH w/gas lift, RD 2/5/18. Pump to clean up and turn well over to production.

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 12 2018

RECEIVED

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

**Electronic Submission #403955 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 02/08/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
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.

Title Pending BLM approvals will
subsequently be reviewed
and scanned
Office _____

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

2-27-18

Initialed

OXY USA Inc.
Cedar Canyon 21 Federal Com 23H
API No. 30-015-44191

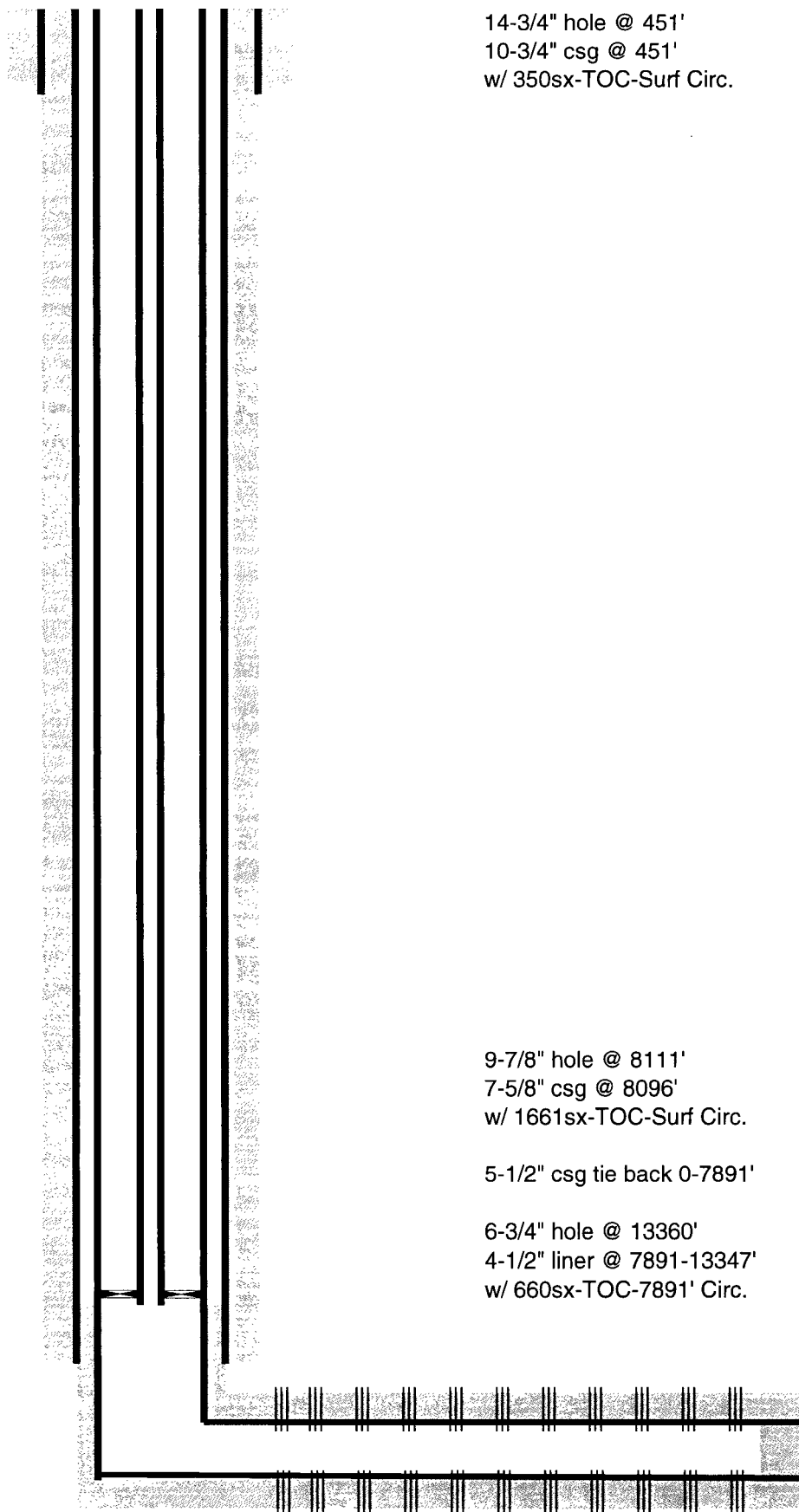
14-3/4" hole @ 451'
10-3/4" csg @ 451'
w/ 350sx-TOC-Surf Circ.

9-7/8" hole @ 8111'
7-5/8" csg @ 8096'
w/ 1661sx-TOC-Surf Circ.

5-1/2" csg tie back 0-7891'

6-3/4" hole @ 13360'
4-1/2" liner @ 7891-13347'
w/ 660sx-TOC-7891' Circ.

2-7/8" tbg & pkr @ 7850'



Perfs @ 13200-8569'

TD- 13360'M 8708'V