

District I
1625 N. French Dr., Hobbs, NM 88240
District II
111 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
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30-015-43642	⁵ Pool Name Pierce Crossing Bone Spring, East ✓	⁶ Pool Code 96473
⁷ Property Code: 315242	⁸ Property Name: Cedar Canyon 22 Federal	⁹ Well Number: 21H

II. ¹⁰ Surface Location

Ul or lot no. I	Section 22	Township 24S	Range 29E	Lot Idn	Feet from the 2540	North/South Line South	Feet from the 230	East/West line East	County Eddy
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¹¹ Bottom Hole Location Top Perf- 1842 FNL 390 FEL Bottom Perf- 1783 FNL 334 FWL

UL or lot no. E	Section 22	Township 24S	Range 29E	Lot Idn	Feet from the 1775	North/South line North	Feet from the 185	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: TBD	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 NM OIL CONSERVATION ARTESIA DISTRICT FEB 03 2017 RECEIVED	G

IV. Well Completion Data

²¹ Spud Date 10/25/16	²² Ready Date 1/26/17	²³ TD 13620'M 8718'V	²⁴ PBDT 13558'M 8720'V	²⁵ Perforations 8887-13471'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	482'		382	
9-7/8"	7-5/8"	8300'		2627	
6-3/4"	5-1/2" X 4-1/2"	13610'		830	

V. Well Test Data

³¹ Date New Oil 1/29/17	³² Gas Delivery Date TBD	³³ Test Date 1/31/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure ---	³⁶ Csg. Pressure 940
³⁷ Choke Size 29/64	³⁸ Oil 316	³⁹ Water 1517	⁴⁰ Gas 433	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:
1/31/17

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Raymond J. Goddard
Geologist
3-6-2017

Pending BLM approvals will
subsequently be reviewed
and scanned

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.
NMNM81586

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 28. Well Name and No.
CEDAR CANYON 22 FEDERAL 21H9. API Well No.
30-015-4364210. Field and Pool or Exploratory Area
PIERCE CROSSING BN SPRG E11. 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 12/28/16, RIH & clean out to PBTD @ 13558', pressure test csg to 9500# for 30 min, good test. RIH & perf @ 13471-13323, 13276-13128, 13081-12933, 12846-12738, 12691-12545, 12496-12348, 12301-12153, 12106-11962, 11911-11763, 11716-11568, 11523-11373, 11326-11176, 11131-10983, 10938-10783, 10741-10588, 10546-10398, 10351-10203, 10156-10010, 9961-9813, 9766-9618, 9571-9423, 9371-9228, 9181-9030, 8986-8887' Total 570 holes. Frac in 24 stages w/ 4368294g Slick Water + 48048g 15% HCl acid + 2015832g Crosslink + 1529598g Linear gel w/ 7866300# sand, RD Schlumberger 1/19/17. RIH & clean out, flow to clean up and test well for potential.

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 03 2017
RECEIVED

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #365509 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 01/31/2017
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 _____
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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

Pending BLM approvals will
subsequently be reviewed
and scanned

(Instructions on page 2)

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

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 03 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

5. Lease Serial No.
NMNM81586

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 22 FEDERAL 21H

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

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

9. API Well No.
30-015-43642

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NESE 2540FSL 230FEL 32.202503 N Lat, 103.964011 W Lon

At top prod interval reported below SENE 1842FNL 390FEL 32.205081 N Lat, 103.964348 W Lon

At total depth SWNW 1775FNL 185FWL 32.205132 N Lat, 103.979806 W Lon

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T24S R29E Mer

12. County or Parish
EDDY 13. State
NM

14. Date Spudded
10/25/2016

15. Date T.D. Reached
12/05/2016

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/26/2017

17. Elevations (DF, KB, RT, GL)*
2958 GL

18. Total Depth: MD 13620
TVD 8718

19. Plug Back T.D.: MD 13558
TVD 8720

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

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	482		382	91	0	
9.875	7.625 L80	29.7	0	8300	3136	2627	1010	0	
6.750	5.500 P110	20.0	0	8782		830	162	5250	
6.750	4.500 P110	13.5	8782	13610		830	162	5250	

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	8887	13471	8887 TO 13471	0.420	570	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8887 TO 13471	4368294G SLICK WATER + 48048G 15% HCL ACID + 2015832G CROSSLINK + 1529598G LINEAR GEL

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
01/29/2017	01/31/2017	24	→	316.0	433.0	1517.0			FLOWS FROM WELL
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
29/64	SI	940.0	→	316	433	1517	1370	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		→						

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subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #365512 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

... 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	3106	3803	OIL, GAS, WATER	RUSTLER	245
CHERRY CANYON	3804	5282	OIL, GAS, WATER	SALADO	748
BRUSHY CANYON	5283	6840	OIL, GAS, WATER	CASTILE	1511
BONE SPRING	6841	7900	OIL, GAS, WATER	DELAWARE	3061
1ST BONE SPRING	7901	8148	OIL, GAS, WATER	BELL CANYON	3106
2ND BONE SPRING	8149	8720	OIL, GAS, WATER	CHERRY CANYON	3804
				BRUSHY CANYON	5283
				BONE SPRING	6841

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

1ST BONE SPRING 7901' MD
2ND BONE SPRING 8149' MD

Logs were mailed 2/1/17.

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 #365512 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 01/31/2017

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.

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