

District I
1629 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

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	
⁴ API Number 30-015-43708		³ Reason for Filing Code/ Effective Date NW	
⁵ Pool Name Pierce Crossing Bone Spring, East		⁶ Pool Code 96473	
⁷ Property Code: 316106		⁸ Property Name: Cedar Canyon 22 Federal Com NSL-7389	
		⁹ Well Number: 4H	

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 260	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Top Perf- 2494 FSL 529 FEL Bottom Perf- 2562 FSL 336 FWL

UL or lot no. L	Section 22	Township 24S	Range 29E	Lot Idn	Feet from the 2567	North/South line South	Feet from the 160	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 13435'M 8728'V	²⁴ PBTD 13372'M 8730'V	²⁵ Perforations 8827-13265'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14-3/4"		10-3/4"		488'	382
9-7/8"		7-5/8"		8197'	2886
6-3/4"		5-1/2" X 4-1/2"		13424'	500

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 1140
³⁷ Choke Size 25/64	³⁸ Oil 629	³⁹ Water 1245	⁴⁰ Gas 462		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 H. Rodasny
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. 1004-0135
Expires: July 31, 2010**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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
CEDAR CANYON 22 FEDERAL COM 4H2. Name of Operator
OXY USA INC.Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com9. API Well No.
30-015-437083a. Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-593610. Field and Pool, or Exploratory
PIERCE CROSSING BN SPRG,E

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

Sec 22 T24S R29E NESE 2540FSL 260FEL
32.202504 N Lat, 103.964108 W Lon

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Spud 14-3/4" hole 10/25/16, drill to 495' 10/25/16. RIH & set 10-3/4" 40.5# J-55 BTC csg @ 488', pump 60BFW spacer then cmt w/ 282sx (67bbl) PPC w/ additives 14.8ppg 1.33 yield, followed by 100sx (24bbl) PPC w/ additives 14.8ppg 1.34 yield, full returns throughout job, circ 253sx (60bbl) cmt to surface, WOC. Install wellhead cap, prepare rig for skid to Cedar Canyon 22 Federal 21H (30-015-43642).

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

**Electronic Submission #356169 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 10/27/2016

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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

ending BLM approvals will
subsequently be reviewed
and scanned

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.

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

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
CEDAR CANYON 22 FEDERAL COM 4H

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

9. API Well No.
30-015-43708

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

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

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

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

Sec 22 T24S R29E NESE 2540FSL 260FEL
32.202504 N Lat, 103.964108 W Lon

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 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 12/28/16, RIH & clean out to PBDT @ 13372', pressure test csg to 9500# for 30 min, good test. RIH & perf @ 13265-13117, 13070-12924, 12872-12727, 12680-12532, 12485-12337, 12290-12135, 12095-11947, 11895-11752, 11705-11557, 11510-11362, 11315-11166, 11120-10967, 10925-10777, 10725-10582, 10535-10387, 10340-10192, 10145-9997, 9948-9802, 9755-9607, 9560-9412, 9365-9222, 9170-9022, 8975-8827' Total 552 holes. Frac in 23 stages w/ 3941028g Slick Water + 62664g 15% HCl acid + 2026878g Crosslink + 1854216g Linear gel w/ 7865500# 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

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

Electronic Submission #365511 verified by the BLM Well Information System
For OXY USA INC., sent to the Carlsbad

RECEIVED

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

Pending BLM approvals will
subsequently be reviewed
and scanned

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

-partment or agency of the United

NIM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 03 2017

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

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.
NMNM81586

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 22 FEDERAL COM 4H		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9. API Well No. 30-015-43708		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 2540FSL 260FEL 32.202503 N Lat, 103.964108 W Lon At top prod interval reported below NESE 2494FSL 529FEL 32.202586 N Lat, 103.964350 W Lon At total depth NWSW 2567FSL 160FWL 32.202618 N Lat, 103.980133 W Lon			10. Field and Pool, or Exploratory PIERCE CROSSING BN SPRG E		
14. Date Spudded 10/25/2016			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T24S R29E Mer		
15. Date T.D. Reached 12/15/2016			12. County or Parish EDDY		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/26/2017			13. State NM		
17. Elevations (DF, KB, RT, GL)* 2958 GL					
18. Total Depth: MD TVD 13435 8728		19. Plug Back T.D.: MD TVD 13372 8730		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL			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	40.5	0	488		382	91	0	
9.875	7.625 L80	29.7	0	8197	3114	2886	1078	0	
6.750	5.500 P110	20.0	0	8848		500	161	6630	
6.750	4.500 P110	13.5	8848	13424		500	161	6630	

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	8827	13265	8827 TO 13265	0.420	552	ACTIVE
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8827 TO 13265	3941028G SLICK WATER + 62664G 15% HCL ACID + 2026878G CROSSLINK + 1854216G LINEAR GEL

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

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	→	629.0	462.0	1245.0			FLOWS FROM WELL
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
25/64	SI	1140.0	→	629	462	1245	7344	POW	

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
			→						
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 #365508 VERIFIED BY THE BLM WELL INFORMATION SYST

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

Pending BLM approvals will
subsequently be reviewed
and scanned

** RECD **

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	3798	OIL, GAS, WATER	RUSTLER	244
CHERRY CANYON	3799	5206	OIL, GAS, WATER	SALADO	748
BRUSHY CANYON	5207	6751	OIL, GAS, WATER	CASTILE	1510
BONE SPRING	6752	7780	OIL, GAS, WATER	DELAWARE	3061
1ST BONE SPRING	7781	8043	OIL, GAS, WATER	BELL CANYON	3106
2ND BONE SPRING	8044	8730	OIL, GAS, WATER	CHERRY CANYON	3799
				BRUSHY CANYON	5207
				BONE SPRING	6752

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

1ST BONE SPRING 7781' MD
2ND BONE SPRING 8044' 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 #365508 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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