

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

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 30-015-43645		³ Reason for Filing Code/ Effective Date - NW	
⁵ Pool Name Pierce Crossing Bone Spring, East		⁶ Pool Code 96473	
⁷ Property Code: 304790		⁹ Well Number: 5H	

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
H	29	24S	29E		1990	North	180	East	Eddy

¹¹ Bottom Hole Location Top Perf- 2527 FSL 351 FWL Bottom Perf- 2564 FSL 389 FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	27	24S	29E		2569	South	158	East	Eddy
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 4/20/17		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
239284	OCCIDENTAL ENERGY TRANSPORTATION (BRIDGER LLC)	O
151618	ENTERPRISE FIELD SERVICES LLC	G
	NM OIL CONSERVATION	
	ARTESIA DISTRICT	
	MAY 04 2017	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 12/21/16	²² Ready Date 4/9/17	²³ TD 18714'M 8733'V	²⁴ PBDT 18656'M 8733'V	²⁵ Perforations 8626-18482'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		667'	735
12-1/4"		9-5/8"		8190'	2620
8-1/2"		5-1/2"		8055-18704'	1790

V. Well Test Data

³¹ Date New Oil 4/13/17	³² Gas Delivery Date 4/20/17	³³ Test Date 4/26/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure ---	³⁶ Csg. Pressure 765
³⁷ Choke Size 58/64	³⁸ Oil 1654	³⁹ Water 1704	⁴⁰ Gas 2346	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:

5/1/17

Phone:

432-685-5936

Approved by:

Title:

Approval Date:

5-4-17

OIL CONSERVATION DIVISION

Raymond H. Padany
Geologist

Pending BLM approvals will
subsequently be reviewed
and scanned

Rev

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.
NMNM94651
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

8. Well Name and No
CEDAR CANYON 28-27 FEDERAL COM 5H9. API Well No.
30-015-4364510. 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 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 3/9/17, RIH & clean out to PBTD @ 18656', pressure test csg to 9500# for 30 min, good test. RIH & perf @ 18482-18354, 18304-18098, 18048-17840, 17792-17586, 17538-17330, 17280-17074, 17024-16818, 16768-16564, 16510-16306, 16256-16050, 16000-15794, 15744-15543, 15488-15282, 15232-15026, 14976-14770, 14720-14514, 14464-14258, 14203-14002, 13952-13746, 13696-13488, 13440-13234, 13184-12980, 12928-12722, 12672-12466, 12416-12210, 12160-11954, 11901-11698, 11648-11442, 11392-11182, 11136-10930, 10880-10674, 10624-10418, 10368-10162, 10107-9906, 9856-9650, 9600-9394, 9344-9138, 9085-8882, 8832-8626' Total 1170 holes. Frac in 39 stages w/ 7946064g Slick Water + 77700g 15% HCl acid + 6688752g Linear gel w/ 16490524# sand, RD Schlumberger 3/28/17. RIH & clean out, flow to clean up and test well for potential.

NEW OIL CONSERVATION
ARTESIA DISTRICT

MAY 04 2017

RECEIVED

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

Electronic Submission #374427 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 05/01/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Pending BLM approvals will
subsequently be reviewed
and scanned
RUP.

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

any department or agency of the United

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 04 2017

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM94651

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 28-27 FEDERAL COM 5H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-43645	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T24S R29E Mer At surface SENE 1990FNL 180FEL 32.190206 N Lat, 103.998657 W Lon Sec 28 T24S R29E Mer At top prod interval reported below NWSW 2527FSL 351FWL 32.188152 N Lat, 103.996978 W Lon Sec 27 T24S R29E Mer At total depth NESE 2569FSL 158FEL 32.188135 N Lat, 103.964373 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 29 T24S R29E Mer	
		12. County or Parish EDDY	
		13. State NM	
14. Date Spudded 12/21/2016	15. Date T.D. Reached 02/05/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/09/2017	
17. Elevations (DF, KB, RT, GL)* 2948 GL			
18. Total Depth MD 18714 TVD 8733	19. Plug Back T.D.: MD 18656 TVD 8733	20. Depth Bridge Plug Set MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG		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
17.500	13.375 J55	54.5	0	667		735	220	0	
12.250	9.625 L80	47.0	0	8190	2966	2620	1211	960	
8.500	5.500 P110	20.0	8055	18704		1790	528	8055	

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	8626	18482	8626 TO 18482	0.420	1170	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8626 TO 18482	7946064G SLICK WATER + 77700G 15% HCL ACID + 6688752G LINEAR GEL W/ 16490524# 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
04/13/2017	04/26/2017	24	→	1654.0	2346.0	1704.0			FLOWS FROM WELL
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
58/64	SI	765.0	→	1654	2346	1704	1418	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		→						

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

ELECTRONIC SUBMISSION #374428 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed
and scanned
B.W.

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	2952	3642	OIL, GAS, WATER	RUSTLER	329
CHERRY CANYON	3643	5099	OIL, GAS, WATER	SALADO	732
BRUSHY CANYON	5100	6663	OIL, GAS, WATER	CASTILE	1364
BONE SPRING	6664	7664	OIL, GAS, WATER	DELAWARE	2904
1ST BONE SPRING	7665	7900	OIL, GAS, WATER	BELL CANYON	2952
2ND BONE SPRING	7901	8733	OIL, GAS, WATER	CHERRY CANYON	3643
				BRUSHY CANYON	5100
				BONE SPRING	6664

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

1ST BONE SPRING 7665' MD
2ND BONE SPRING 7901' MD

Logs were mailed 5/1/17.

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 #374428 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 05/01/2017

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 #374428 that would not fit on the form

32. Additional remarks, continued