

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

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

FEB 28 2015
Submit one copy to appropriate District Office

RECEIVED

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 - 015-41194		⁶ Pool Code 50371
⁵ Pool Name PIERCE CROSSING BONE SPRING	³ Reason for Filing Code/ Effective Date NW	
⁷ Property Code: 39439	⁸ Property Name: CEDAR CANYON 23 COM.	⁹ Well Number: 2H

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
M	23	24S	29E		650	SOUTH	660	WEST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	24S	29E		725	SOUTH	160	EAST	EDDY

¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date 2/7/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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

IV. Well Completion Data

²¹ Spud Date 8/17/14	²² Ready Date 1/20/15	²³ TD 13430'M 8902'V	²⁴ PBDT 13389'M 8902'V	²⁵ Perforations 9195-13220'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	11-3/4"	467'	721		
10-5/8"	8-5/8"	3020'	1120		
7-7/8"	5-1/2"	13421'	1360		
	2-7/8"	8300'	0		

V. Well Test Data

³¹ Date New Oil 2/1/15	³² Gas Delivery Date 2/7/15	³³ Test Date 2/11/15	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure 1525	³⁶ Csg. Pressure ---
³⁷ Choke Size 20/64	³⁸ Oil 736	³⁹ Water 389	⁴⁰ Gas 337	⁴¹ Test Method P	

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: 2/17/15
Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by: 

Title: **Dist Supervisor**

Approval Date: **2/26/2015**

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

FEB 23 2015

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.
NMNM88138

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CEDAR CANYON 23 COM 2H

9. API Well No.
30-015-41194

10. Field and Pool, or Exploratory
PIERCECROSSINGBONESPRING

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

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

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

3b. Phone No. (include area code)
Ph: 432-685-5936
Fx: 432-685-5742

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T24S R29E SWSW 650FSL 660FWL
32.197313 N Lat, 103.961140 W Lon

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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" 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.)

RU CTU 9/24/14, RIH & Tag PBD @ 13389', pressure test csg to 6200#, lost 240#, test good. RIH & perf @ 13220-13000, 12875-12645, 12530-12300, 12185-11955, 11840-11610, 11495-11265, 11150-10915, 10805-10575, 10460-10240, 10140-9900, 9770-9540, 9425-9195' Total 432 holes. Frac in 12 stages w/ 738754g Treated Water + 32220g 15% HCl acid + 1687059g 15# BXL w/ 3410118# sand, RD C&J Energy Services. RIH & clean out well, tag up PBD @ 13389', POOH, RIH with 2-7/8" tbg & pkr set @ 8300', RIH w/gas lift, RD 1/19/15. Pump to clean up and test well for potential.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #292058 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 02/17/2015

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.

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

Office _____

Pending BLM approvals will subsequently be reviewed and scanned

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

FEB 23 2015

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 RECEIVED

5. Lease Serial No.
NMNM88138

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CEDAR CANYON 23 COM 2H

9. API Well No.
30-015-41194

10. Field and Pool, or Exploratory
PIERCECROSSINGBONESPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T24S R29E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
2927 GL

14. Date Spudded
08/17/2014

15. Date T.D. Reached
09/01/2014

16. Date Completed
 D & A Ready to Prod.
01/20/2015

18. Total Depth: MD 13430
TVD 8902

19. Plug Back T.D.: MD 13389
TVD 8902

20. Depth Bridge Plug Set: MD
TVD

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

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 Skgs. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	11.750 J55	47.0	0	467	0	721	183	0	0
10.625	8.625 J55	32.0	0	3020	0	1120	318	0	0
7.875	5.500 L80	17.0	0	13421	0	1360	604	0	0

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	8300	8300						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	9195	13220	9195 TO 13220	0.420	432	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
9195 TO 13220	32220G 15% HCL ACID + 1687059G 15# BXL + 738754G TRT WTR W/ 3410118# SAND

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

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
02/01/2015	02/11/2015	24	→	736.0	337.0	389.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
20/64	SI	1525	→	736	337	389	458	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 #292060 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-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	3084	3775	OIL, GAS, WATER	RUSTLER	446
CHERRY CANYON	3776	5174	OIL, GAS, WATER	SALADO	580
BRUSHY CANYON	5175	6765	OIL, GAS, WATER	CASTILE	1542
BONE SPRING	6766	7752	OIL, GAS, WATER	LAMAR	3033
1ST BONE SPRING	7753	8576	OIL, GAS, WATER	BELL CANYON	3084
2ND BONE SPRING	8577	8902	OIL, GAS, WATER	CHERRY CANYON	3776
				BRUSHY CANYON	5175
				BONE SPRING	6766

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.
1ST BONE SPRING 7753 (TOP) MEAS. DEPTH
2ND BONE SPRING 8577 (TOP) MEAS. DEPTH

Logs were mailed 2/18/2015.

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 #292060 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 02/17/2015

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 #292060 that would not fit on the form

32. Additional remarks, continued

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