

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

State of New Mexico
Energy, Minerals & Natural Resources

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

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 30-015-44947	⁵ Pool Name Pierce Crossing Bone Spring	⁶ Pool Code 50371
⁷ Property Code: 321377	⁸ Property Name: Salt Ridge CC 20-17 Federal Com	⁹ Well Number: 23H

II. ¹⁰ Surface Location

Ul or lot no. F	Section 17	Township 24S	Range 29E	Lot Idn	Feet from the 2409	North/South Line NORTH	Feet from the 1352	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

					FTP- 2441' FSL 1710' FWL		LTP- 200' FSL 1726' FWL		
UL or lot no. N	Section 20	Township 24S	Range 29E	Lot Idn	Feet from the 2	North/South line SOUTH	Feet from the 1734	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 9/7/18		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
214754	LPC CRUDE OIL, INC	O
151618	ENTERPRISE FIELD SERVICES LLC Provide tubing detail or request Tubing Exception	G
	RECEIVED NOV 26 2018 DISTRICT II-ARTESIA O.C.D.	

IV. Well Completion Data

²¹ Spud Date 6/3/18	²² Ready Date 9/4/18	²³ TD 16290'M 8538'V	²⁴ PBDT 16229'M 8538'V	²⁵ Perforations 8460-16091'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	525'		575 - CUC	
9-7/8"	7-5/8"	8019'		1478 - CUC	
6-3/4"	5-1/2" & 4-1/2"	0-8626 16278		1033 - TOL	
	4 1/2"	8626- 16278		7565	

V. Well Test Data

³¹ Date New Oil 9/7/18	³² Gas Delivery Date 9/7/18	³³ Test Date 9/27/18	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1170
³⁷ Choke Size 53/128	³⁸ Oil 2630	³⁹ Water 2184	⁴⁰ Gas 3826		⁴¹ Test Metho 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 Specialist

E-mail Address:
janalyn_mendiola@oxy.com

Date:
11/20/18

Phone:
432-685-5936

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Rusty Klein
Business Development
11-29-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

RECEIVED

NOV 26 2018

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT DISTRICT II-ARTESIA O.C.D.FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NNNM94651		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator OXY USA INC.			7. Unit or CA Agreement Name and No.		
Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com			8. Lease Name and Well No. SALT RIDGE CC 20-17 FED COM 23H		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9. API Well No. 30-015-44947		
3a. Phone No. (include area code) Ph: 432-685-5936			10. Field and Pool, or Exploratory PIERCE CROSSING BONE SPRG		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 17 T24S R29E Mer NMP SENW 2409FNL 1352FWL 32.218318 N Lat, 104.010768 W Lon At top prod interval reported below Sec 17 T24S R29E Mer NMP NESW 2441FSL 1710FWL 32.217130 N Lat, 104.009610 W Lon At total depth SESW 2FSL 1734FWL 32.195800 N Lat, 104.009610 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T24S R29E Mer NMP		
14. Date Spudded 06/03/2018			12. County or Parish EDDY		
15. Date T.D. Reached 07/11/2018			13. State NM		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/04/2018			17. Elevations (DF, KB, RT, GL)* 2934 GL		
18. Total Depth: MD TVD 16290 8538			19. Plug Back T.D.: MD TVD 16229 8538		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG, 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	45.5	0	525		575	138	0	
9.875	7.625 L80	26.4	0	8019	2812	1478	521	0	
6.750	5.500 P110	20.0	0	8626		1033	264	7565	
6.750	4.500 P110	13.5	8626	16278		1033	264	7565	

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 SPRINGS	8460	16091	8460 TO 16091	0.370	936	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8460 TO 16091	9910194G SLICKWATER + 13734G 7.5% HCL ACID W/ 11745008# 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
09/07/2018	09/27/2018	24	→	2630.0	3826.0	2184.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
53/128	SI	1170.0	→	2630	3826	2184	1455	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. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #444684 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	2849	3707	OIL, GAS, WATER	RUSTLER	298
CHERRY CANYON	3708	4902	OIL, GAS, WATER	SALADO	510
BRUSHY CANYON	4903	6539	OIL, GAS, WATER	CASTILE	1191
BONE SPRING	6540	7560	OIL, GAS, WATER	DELAWARE	2808
1ST BONE SPRINGS	7561	8424	OIL, GAS, WATER	BELL CANYON	2849
2ND BONE SPRINGS	8425	8538	OIL, GAS, WATER	CHERRY CANYON	3708
				BRUSHY CANYON	4903
				BONE SPRING	6540

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

1ST BONE SPRINGS 7561'M
2ND BONE SPRINGS 8425'M

Logs were mailed 11/20/18.

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 #444684 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWARTTitle SR. REGULATORY ADVISORSignature (Electronic Submission)Date 11/20/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #444684 that would not fit on the form

32. Additional remarks, continued

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

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

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

8. Well Name and No.
SALT RIDGE CC 20-17 FED COM 23H9. API Well No.
30-015-4494710. Field and Pool or Exploratory Area
PIERCE CROSSING BONE SPRG11. 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: 432-685-59364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T24S R29E Mer NMP SENW 2409FNL 1352FWL
32.218318 N Lat, 104.010768 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 recompletable 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 recompletable 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 8/6/18, RIH & clean out to PBTD @ 16229', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16091-15946, 15902-15784, 15738-15589, 15539-15393, 15340-15191, 15143-14992, 14942-14793, 14745-14594, 14544-14395, 14345-14196, 14146-13994, 13949-13798, 13748-13599, 13551-13400, 13352-13201, 13151-13002, 12952-12803, 12755-12604, 12556-12405, 12355-12206, 12158-12007, 11957-11808, 11760-11609, 11559-11410, 11359-11211, 11163-11012, 10962-10813, 10763-10614, 10566-10415, 10365-10216, 10166-10020, 9969-9818, 9770-9619, 9571-9420, 9370-9219, 9171-9022, 8974-8823, 8782-8652, 8609-8460' Total 936 holes. Frac in 39 stages w/ 9910194g Slick Water + 13734g 7.5% HCL Acid w/ 11745008# sand, RD Schlumberger 8/26/18. RIH & clean out, flow to clean up and test well for potential.

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

**Electronic Submission #444686 verified by the BLM Well Information System
For OXY USA INC., sent to the Carlsbad**

Name (Printed/Typed) DAVID STEWART

Title SR. REGULATOR

Signature (Electronic Submission)

Date 11/20/2018

Pending BLM approvals will
subsequently be reviewed
and scanned**THIS SPACE FOR FEDERAL OR STATE OFFIC**

Approved By

Title

Date

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

OXY USA Inc.
Salt Ridge CC 20-17 Federal Com 23H
API No. 30-015-44947

14-3/4" hole @ 525'
10-3/4" csg @ 525'
w/ 575sx-TOC-Surf Circ.

9-7/8" hole @ 8030'
7-5/8" csg @ 8019'
w/ 1478sx-TOC-Surf Circ.

6-3/4" hole @ 16290'
5-1/2" X 4-1/2" csg @ 16278'
w/ 1033sx-TOC-7565'

Perfs @ 8460-16091'

TD- 16290'M 8538"V