

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

RECEIVED

Form C-104
Revised August 1, 2011

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

DEC 18 2018 Submit to appropriate District Office

DISTRICT II-ARTESIA O.C.D. ☐ 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 - 015-44545	⁵ Pool Name PIERCE CROSSING BONE SPRING	⁶ Pool Code 50371
⁷ Property Code: 319809	⁸ Property Name: CEDAR CANYON 20 FEDERAL COM	⁹ Well Number: 24H

II. ¹⁰ Surface Location

Ul or lot no. B	Section 29	Township 24S	Range 29E	Lot Idn	Feet from the 110	North/South Line NORTH	Feet from the 1420	East/West line EAST	County EDDY
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹¹ Bottom Hole Location FTP- 202' FSL 2112' FEL LTP- 174' FNL 2166' FEL

UL or lot no. J	Section 17	Township 24S	Range 29E	Lot Idn	Feet from the 68	North/South line NORTH	Feet from the 2174	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 9/22/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

**NSPA R-14726

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214754	LPC CRUDE OIL, INC.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

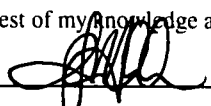
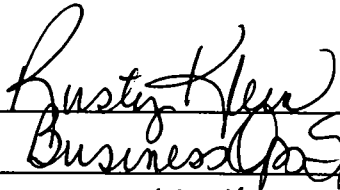
IV. Well Completion Data

²¹ Spud Date 5/14/18	²² Ready Date 9/22/18	²³ TD 16222'M 8631'V	²⁴ PBTB 16208'M 8630'V	²⁵ Perforations 8365-16116'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	419'	600		
9-7/8"	7-5/8"	8026'	1566		
6-3/4"	5-1/2" x 4-1/2" 13.5# P110 8605	16222'	980		
5-1/2" 20# P110 0.8685					

V. Well Test Data

³¹ Date New Oil 9/22/18	³² Gas Delivery Date 9/22/18	³³ Test Date 10/10/18	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Press 1172
³⁷ Choke Size 64/128	³⁸ Oil 3245	³⁹ Water 2599	⁴⁰ Gas 4494		⁴¹ Test Meth 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: 	Approved by: 
Printed name: Jana Mendiola	Title: Business Manager A
Title: Regulatory Specialist	Approval Date: 12-18-2018
E-mail Address: Janalyn_mendiola@oxy.com	
Date: 12/6/2018	Phone: 432-685-5936

Pending BLM approvals will
subsequently be reviewed
and scanned

RECEIVED

DEC 13 2018

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT II-ARTESIA O.C.D.

5. Lease Serial No. NMNM94651	
6. If Indian, Allottee or Tribe Name	
7. Unit or CA Agreement Name and No.	
8. Lease Name and Well No. CEDAR CANYON 20 FEDERAL COM 24H	
9. API Well No. 30-015-44545	
10. Field and Pool, or Exploratory PIERCE CROSSING BONE SPRG	
11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R29E Mer NMP	
12. County or Parish EDDY	13. State NM
17. Elevations (DF, KB, RT, GL)* 2955 GL	

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other
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

2. Name of Operator OXY USA INC.	Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com
3. Address P.O. BOX 50250 MIDLAND, TX 79710	3a. Phone No. (include area code) Ph: 432-685-5936
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T24S R29E Mer NMP At surface NWNE 110FNL 1420FEL 32.195397 N Lat, 104.002661 W Lon Sec 20 T24S R29E Mer NMP At top prod interval reported below SWSE 202FSL 2112FEL 32.196260 N Lat, 104.004890 W Lon Sec 17 T24S R29E Mer NMP At total depth NWSE 68FNL 2174FEL 32.217410 N Lat, 104.005020 W Lon	

14. Date Spudded 05/14/2018	15. Date T.D. Reached 08/08/2018	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/22/2018
--------------------------------	-------------------------------------	-----------------------------------------------------------------------------------------------------------------------

18. Total Depth: MD TVD 16222 8631	19. Plug Back T.D.: MD TVD 16208 8630	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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	419		600	145	0	
9.875	7.625 L80	29.7	0	8026	2940	1566	550	0	
6.750	5.500 P110	20.0	0	8685		980	243	4874	
6.750	4.500 P110	13.5	8685	16222		980	243	4874	

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	8365	16116	8365 TO 16116	0.420	936	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8365 TO 16116	9772266G SLICKWATER W/ 11703897# 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
09/22/2018	10/10/2018	24	→	3245.0	4494.0	2599.0			FLOWS FROM WELL
Choke Size	Tbg Press. Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
64/128	SI	1172.0	→	3245	4494	2599	1385	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 #446655 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

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	2912	3805	OIL, GAS, WATER	RUSTLER	341
CHERRY CANYON	3806	5012	OIL, GAS, WATER	SALADO	625
BRUSHY CANYON	5013	6692	OIL, GAS, WATER	CASTILE	1320
BONE SPRING	6693	7614	OIL, GAS, WATER	DELAWARE	2885
1ST BONE SPRINGS	7615	8500	OIL, GAS, WATER	BELL CANYON	2912
2ND BONE SPRINGS	8501	8631	OIL, GAS, WATER	CHERRY CANYON	3806
				BRUSHY CANYON	5013
				BONE SPRING	6693

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS 7615'M
2ND BONE SPRINGS 8501'M

Logs were mailed 12/6/18.

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 #446655 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 12/05/2018

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 #446655 that would not fit on the form

32. Additional remarks, continued

Log Header, Directional Survey (certified copy to follow), 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.
CEDAR CANYON 20 FEDERAL COM 24H9. API Well No.
30-015-4454510. 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: 432-685-5936

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

Sec 29 T24S R29E Mer NMP NWNE 110FNL 1420FEL
32.195397 N Lat, 104.002661 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 Workover Operations
	<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 recomple 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 recomple 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 8/17/18, RIH & clean out to PBTD @ 16208', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16116-15965, 15915-15765, 15716-15565, 15515-15365, 15316-15165, 15115-14965, 14915-14765, 14717-14565, 14515-14365, 14315-14165, 14115-13965, 13915-13765, 13715-13565, 13515-13365, 13315-13165, 13115-12965, 12915-12765, 12713-12565, 12515-12365, 12313-12165, 12115-11965, 11915-11762, 11715-11565, 11517-11365, 11315-11165, 11115-10965, 10915-10765, 10715-10565, 10515-10361, 10315-10165, 10119-9965, 9915-9765, 9715-9565, 9515-9365, 9315-9165, 9115-8969, 8913-8765, 8715-8586, 8515-8365' Total 936 holes. Frac in 39 stages w/ 9772266g Slick Water w/ 11703897# sand, RD Schlumberger 9/7/18. RIH & clean out, flow to clean up and test well for potential.

RECEIVED

DEC 13 2018

DISTRICT # ARTESIA O.C.D.

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

Electronic Submission #446656 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 12/05/2018

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

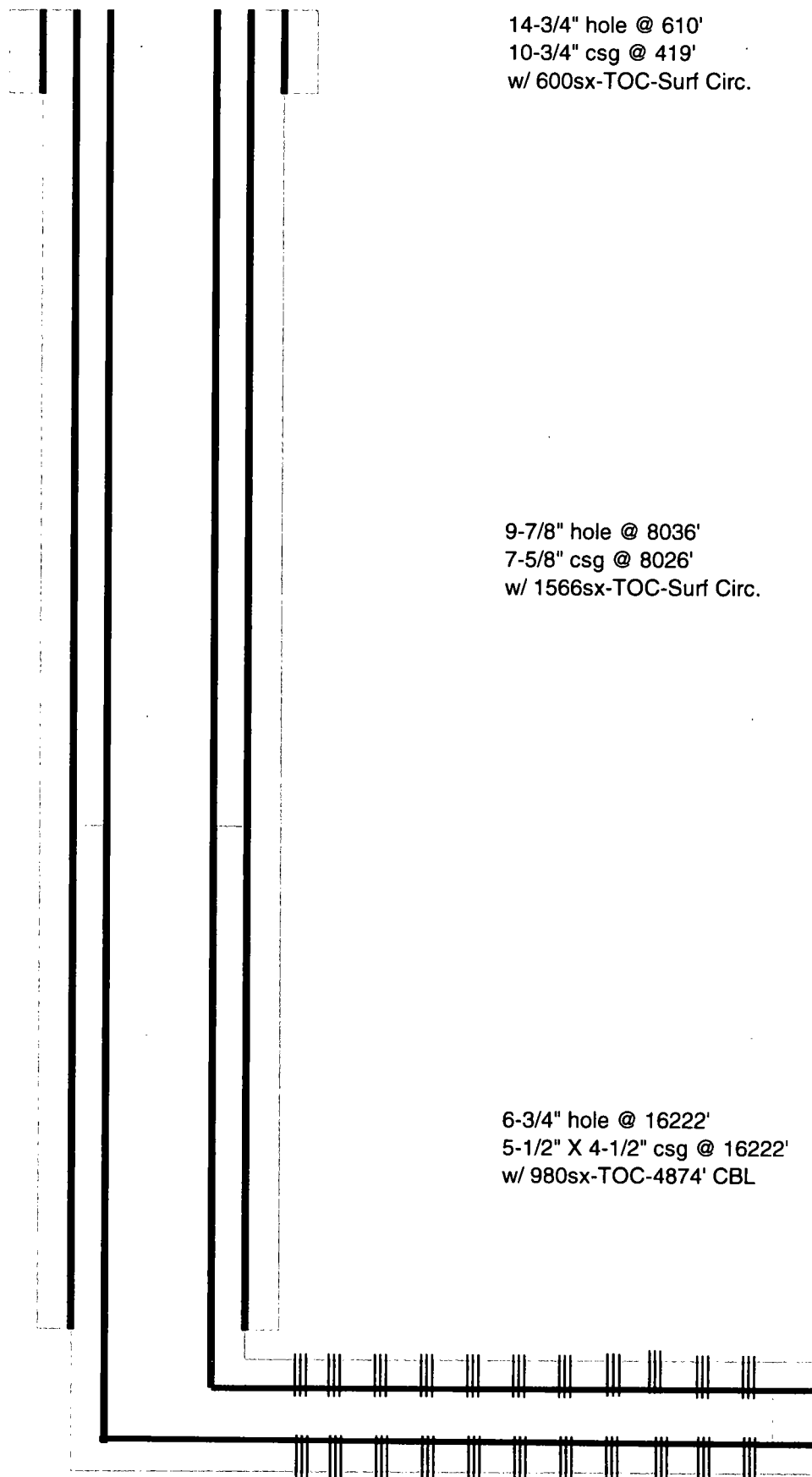
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

... or agency of the United

(Instructions on page 2)

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

OXY USA Inc.
Cedar Canyon 20 Federal Com 24H
API No. 30-015-44545



14-3/4" hole @ 610'
10-3/4" csg @ 419'
w/ 600sx-TOC-Surf Circ.

9-7/8" hole @ 8036'
7-5/8" csg @ 8026'
w/ 1566sx-TOC-Surf Circ.

6-3/4" hole @ 16222'
5-1/2" X 4-1/2" csg @ 16222'
w/ 980sx-TOC-4874' CBL

Perfs @ 8365-16116'

TD- 16222'M 8631'V