

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
		³ Reason for Filing Code/ Effective Date - NW
⁴ API Number 30 - 015-44520	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: 26H

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 1360	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location FTP- 268' FSL 435' FEL LTP- 210' FNL 395' FEL

UL or lot no. I	Section 17	Township 24S	Range 29E	Lot Idn	Feet from the 58	North/South line NORTH	Feet from the 408	East/West line EAST	County EDDY
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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
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III. Oil and Gas Transporters

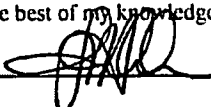
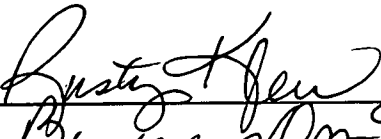
**NSPA R-14726

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214754	LPC CRUDE OIL, INC.	O
151618	ENTERPRISE FIELD SERVICES LLC NM OIL CONSERVATION ARTESIA DISTRICT	G
	DEC 14 2018	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 5/20/18	²² Ready Date 9/22/18	²³ TD 16365'M 8662'V	²⁴ PBTD 16306'M 8661'V	²⁵ Perforations 8662-16213'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	572'	862 - CUC		
9-7/8"	7-5/8"	8066'	1582 - CUC		
6-3/4"	5-1/2 x 4-1/2"	16353'	957 - TOC 7550		

V. Well Test Data

³¹ Date New Oil 9/22/18	³² Gas Delivery Date 9/22/18	³³ Test Date 11/4/18	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 843
³⁷ Choke Size 62/128	³⁸ Oil 2591	³⁹ Water 1862	⁴⁰ Gas 2863		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: 			OIL CONSERVATION DIVISION		
Printed name: Jana Mendiola			Approved by: 		
Title: Regulatory Specialist			Title: Business Ops Spec A		
E-mail Address: Janalyn_mendiola@oxy.com			Approval Date: 12-17-2018		
Date: 12/14/2018		Phone: 432-685-5936		Pending BLM approvals will subsequently be reviewed and scanned	

**NM OIL CONSERVATION
ARTESIA DISTRICT**

DEC 14 2018

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
ONIB 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. NMNM94651	
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.	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		8. Lease Name and Well No. CEDAR CANYON 20 FEDERAL COM 26H	
3a. Phone No. (include area code) Ph: 432-685-5936		9. API Well No. 30-015-44520	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T24S R29E Mer NMP At surface NVNE 110FNL 1360FEL 32.195396 N Lat, 104.002467 W Lon Sec 20 T24S R29E Mer NMP At top prod interval reported below SESE 268FSL 435FEL 32.196430 N Lat, 103.999470 W Lon Sec 17 T24S R29E Mer NMP At total depth NESE 58FNL 408FEL 32.217430 N Lat, 103.999310 W Lon		10. Field and Pool, or Exploratory PIERCE CROSSING BONE SPRG	
14. Date Spudded 05/20/2018		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R29E Mer NMP	
15. Date T.D. Reached 07/22/2018		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/22/2018		13. State NM	
17. Elevations (DF, KB, RT, GL)* 2954 GL			
18. Total Depth: MD TVD 16385 8662	19. Plug Back T.D.: MD TVD 16306 8661	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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	572		862	208	0	
9.875	7.625 L80	29.7	0	8066	2898	1582	552	0	
6.750	5.500 P110	20.0	0	8626		957	237	5320	
6.750	4.500 P110	13.5	8626	16353		957	237	5320	

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	8662	16213	8662 TO 16213	0.420	912	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8662 TO 16213	9916452G SLICKWATER + 3024G 15% HCL ACID W/ 11354570# 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	11/04/2018	24	→	2591.0	2863.0	1862.0			FLows FROM WELL
Choke Size	Tbg. Press Flwg. SI	Ceg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
62/128	SI	843.0	→	2591	2863	1862	1105	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	Ceg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		
			→						

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

ELECTRONIC SUBMISSION #447884 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPL

Pending BLM approvals will
subsequently be reviewed
and scanned

...ED **

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	Thg. 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	Thg. 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	2892	3777	OIL, GAS, WATER	RUSTLER	340
CHERRY CANYON	3778	5031	OIL, GAS, WATER	SALADO	615
BRUSHY CANYON	5032	6705	OIL, GAS, WATER	CASTILE	1320
BONE SPRING	6706	7628	OIL, GAS, WATER	DELAWARE	2853
1ST BONE SPRINGS	7629	8555	OIL, GAS, WATER	BELL CANYON	2892
2ND BONE SPRINGS	8556	8662	OIL, GAS, WATER	CHERRY CANYON	3778
				BRUSHY CANYON	5032
				BONE SPRING	6706

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

1ST BONE SPRINGS 7629'M
2ND BONE SPRINGS 8556'M

Logs were mailed 12/17/18.

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 #447884 Verified by the BLMI Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 12/14/2018

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 #447884 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.

NM OIL CONSERVATION
ARTESIA DISTRICTUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 14 2018

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.***RECEIVED**

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 26H
9. API Well No. 30-015-44520
10. Field and Pool or Exploratory Area PIERCE CROSSING BONE SPRG
11. County or Parish, State EDDY COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T24S R29E Mer NMP NWNE 110FNL 1360FEL 32.195396 N Lat, 104.002467 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	Workover 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 must 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 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.

RUPI 8/17/18, RIH & clean out to PBTD @ 16306', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16213-16062, 16012-15863, 15812-15662, 15612-15462, 15412-15262, 15214-15062, 15012-14862, 14812-14666, 14612-14462, 14413-14262, 14212-14062, 14012-13864, 13812-13662, 13612-13462, 13412-13262, 13212-13064, 13012-12862, 12812-12662, 12612-12462, 12412-12262, 12212-12062, 12012-11862, 11808-11662, 11612-11462, 11412-11264, 11212-11062, 11008-10862, 10812-10662, 10612-10462, 10412-10262, 10212-10062, 10012-9862, 9812-9657, 9612-9462, 9415-9262, 9212-9062, 9012-8862, 8812-8662' Total 912 holes. Frac in 38 stages w/ 9916452g Slick Water + 3024g 15% HCl Acid w/ 11354570# sand, RD Schlumberger 9/7/18. 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 #447889 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 12/14/2018

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 _____

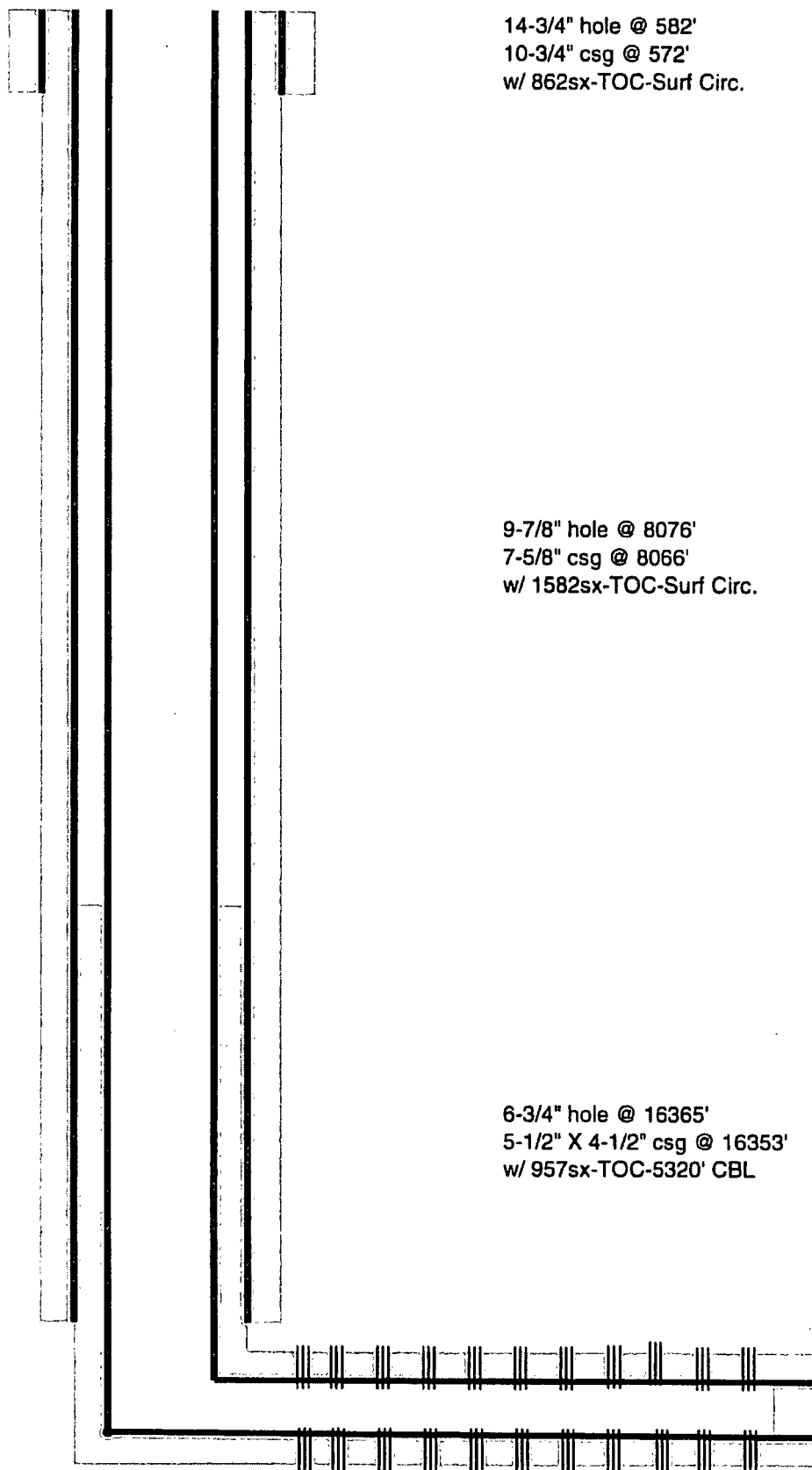
Pending BLM approvals will
subsequently be reviewed
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Department or agency of the United

(Instructions on page 2)

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

OXY USA Inc.
Cedar Canyon 20 Federal Com 26H
API No. 30-015-44520



14-3/4" hole @ 582'
10-3/4" csg @ 572'
w/ 862sx-TOC-Surf Circ.

9-7/8" hole @ 8076'
7-5/8" csg @ 8066'
w/ 1582sx-TOC-Surf Circ.

6-3/4" hole @ 16365'
5-1/2" X 4-1/2" csg @ 16353'
w/ 957sx-TOC-5320' CBL

Perfs @ 8662-16213'

TD- 16365'M 8662'V