

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

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Form C-104
Revised August 1, 2011

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

APR 01 2019 Submit copy 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 - 015-44439	⁵ Pool Name PURPLE SAGE WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code: 39711	⁸ Property Name: CEDAR CANYON 28 FEDERAL COM	⁹ Well Number: 41H

II. ¹⁰ Surface Location

UL or lot no. D	Section 28	Township 24S	Range 29E	Lot Idn	Feet from the 934	North/South Line NORTH	Feet from the 305	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location FTP- 384' FNL 483' FWL LTP- 363' FNL 367' FEL

UL or lot no. A	Section 28	Township 24S	Range 29E	Lot Idn	Feet from the 380	North/South line NORTH	Feet from the 186	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 1/10/19	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	G

IV. Well Completion Data

²¹ Spud Date 8/6/18	²² Ready Date 1/10/19	²³ TD 14778'M 10057'V	²⁴ PBTD 14704'M 10057'V	²⁵ Perforations 10088-14595'	²⁶ DHC, MC
²⁷ Hole Size 14-3/4"	²⁸ Casing & Tubing Size 10-3/4"	²⁹ Depth Set 682'	³⁰ Sacks Cement 1000		
9-7/8"	7-5/8"	9368'	1814		
6-3/4"	5-1/2" x 4-1/2"	14755'	667		
	2-7/8"	9625'	N/A		

V. Well Test Data

³¹ Date New Oil 1/11/19	³² Gas Delivery Date 1/10/19	³³ Test Date 1/17/19	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 837
³⁷ Choke Size 82/128	³⁸ Oil 2143	³⁹ Water 5884	⁴⁰ Gas 4738		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:

Printed name:
Jana Mendiola

Title:
Regulatory Specialist

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 3/28/2019

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Saren Sharp
Staff Mgr
4-23-19

Pending BLM approvals will
subsequently be reviewed
and scanned

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 28 FEDERAL COM 41H9. API Well No.
30-015-4443910. Field and Pool or Exploratory Area
PIERCE CROSSING;BN SPRG,E11. County or Parish, State
EDDY COUNTY 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 28 T24S R29E Mer NMP NWNW 934FNL 305FEL
32.193106 N Lat, 103.997088 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	Hydraulic Fracture
	<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 12/13/18, RIH & POOH w/ RBP, clean out to PBTD @ 14704', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 14595-14446, 14396-14248, 14198-14050, 14000-13852, 13805-13654, 13604-13456, 13406-13258, 13208-13060, 13010-12862, 12812-12664, 12618-12470, 12416-12268, 12218-12070, 12020-11868, 11822-11674, 11624-11476, 11426-11275, 11228-11080, 11030-10882, 10832-10682, 10634-10486, 10438-10289, 10238-10088' Total 552 holes. Frac in 23 stages w/ 5514894g Slick Water + 488460g 7.5% HCl Acid w/ 6926298# sand, RD Schlumberger 12/30/18. 2/25/19 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 9625', RIH w/gas lift, RD 2/28/19. Pump to clean up and turn well over to production.

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DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #459615 verified by the BLM Well Information System
For OXY USA INC., sent to the Carlsbad

Name (Printed/Typed) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 03/28/2019

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 know
States any false, fictitious or fraudulent statements or representations as to any matter within its jur

(Instructions on page 2)

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

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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. 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 28 FEDERAL COM 41H		
3a. Phone No. (include area code) Ph: 432-685-5936			9. API Well No. 30-015-44439		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 934FNL 305FEL 32.193106 N Lat, 103.997088 W Lon At top prod interval reported below NWNW 384FNL 483FWL 32.194620 N Lat, 103.996590 W Lon At total depth NENE 380FNL 186FEL 32.194590 N Lat, 103.981480 W Lon			10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP		
14. Date Spudded 08/06/2018			11. Sec., T., R., M., or Block and Survey or Area Sec 28 T24S R29E Mer NMP		
15. Date T.D. Reached 12/07/2018			12. County or Parish EDDY		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/10/2019			13. State NM		
17. Elevations (DF, KB, RT, GL)* 2948 GL					
18. Total Depth: MD 14778 TVD 10057		19. Plug Back T.D.: MD 14704 TVD 10057		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY, 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	682		1000	240	0	
9.875	7.625 L80	26.4	0	9368	2978	1814	649	0	
6.750	5.500 P110	20.0	0	10006		667	165	6100	
6.750	4.500 P110	13.5	10006	14755		667	165	6100	

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	9625	9625						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10088	14595	10088 TO 14595	0.370	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10088 TO 14595	5514894G SLICKWATER + 488460G 7.5% HCL ACID W/ 6926298# 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
01/11/2019	01/17/2019	24	→	2143.0	4738.0	5884.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
82/128	SI	837.0	→	2143	4738	5884	2211	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 #459619 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	2942	3725	OIL, GAS, WATER	RUSTLER	312
CHERRY CANYON	3726	5187	OIL, GAS, WATER	SALADO	664
BRUSHY CANYON	5188	6657	OIL, GAS, WATER	CASTILE	1374
BONE SPRING	6658	7570	OIL, GAS, WATER	LAMAR	2900
1ST BONE SPRING	7571	8420	OIL, GAS, WATER	BELL CANYON	2942
2ND BONE SPRING	8421	9465	OIL, GAS, WATER	CHERRY CANYON	3726
3RD BONE SPRING	9466	10021	OIL, GAS, WATER	BRUSHY CANYON	5188
WOLFCAMP	10022	10057	OIL, GAS, WATER	BONE SPRING	6658

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

1ST BONE SPRING 7571' MD
2ND BONE SPRING 8421' MD
3RD BONE SPRING 9466' MD
WOLFCAMP 10022' MD

Logs were mailed 3/29/19.

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 #459619 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 03/28/2019

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.

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Additional data for transaction #459619 that would not fit on the form

32. Additional remarks, continued

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