

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

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

Submit one copy to appropriate District Office

Form C-104
Revised August 1, 2011

☐ 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 30-015-44438		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220	
⁷ Property Code: 319584	⁸ Property Name: Cedar Canyon 27-28 Federal	⁹ Well Number: 44H

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
P	29	24S	29E		1245	South	465	East	Eddy

¹¹ Bottom Hole Location **Top Perf- 932' FSL 399' FWL** **Bottom Perf- 946' FSL 343' FEL**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	24S	29E		943	South	185	East	Eddy
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 1/4/18		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	G
OIL CONSERVATION ARTESIA DISTRICT MAR 28 2018		

IV. Well Completion Data

²¹ Spud Date 9/27/17	²² Ready Date 1/3/18	²³ TD 20285'M 10106'V	²⁴ PBTD 20228'M 10104'V	²⁵ Perforations 10303-20127'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
17-1/2"	13-3/8"	784'		965 ✓	
12-1/4"	9-5/8"	9354'		3086 ✓	
8-1/2"	5-1/2"	20275'		2286 ✓	

V. Well Test Data

³¹ Date New Oil 1/5/18	³² Gas Delivery Date 1/4/18	³³ Test Date 1/12/18	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1860
³⁷ Choke Size 59/128	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method F	
	5732	12783	10243		

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: 3/26/18 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Geologist

Approval Date:

3-30-2018

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
ARTESIA DISTRICT
MAR 28 2018

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.	
Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com		8. Lease Name and Well No. CEDAR CANYON 27-28 FEDERAL 44H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-44438	
3a. Phone No. (include area code) Ph: 432-685-5936		10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 1245FSL 465FEL 32.184489 N Lat, 103.999583 W Lon Sec 28 T24S R29E Mer NMP At top prod interval reported below SWSW 932FSL 399FWL 32.183643 N Lat, 103.996982 W Lon Sec 27 T24S R29E Mer NMP At total depth SESE 943FSL 185FEL 32.183627 N Lat, 103.964495 W Lon		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	
14. Date Spudded 09/27/2017	15. Date T.D. Reached 11/13/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/03/2018	
17. Elevations (DF, KB, RT, GL)* 2937 GL			
18. Total Depth: MD 20285 TVD 10106	19. Plug Back T.D.: MD 20228 TVD 10104	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG		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
17.500	13.375 J55	54.5	0	784		965	231	0	
12.250	9.625 L80	53.5	0	9354	2949	3086	1023	0	
8.500	5.500 P110	20.0	0	20275		2286	560	8345	

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) WOLFCAMP	10303	20127	10303 TO 20127	0.420	1960	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10303 TO 20127	12452202G SLICK WATER + 51198G 7.5% HCL ACID W/ 15021205# 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
01/05/2018	01/12/2018	24	→	5732.0	10243.0	12783.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
59/128	SI	1860.0	→	5732	10243	12783	1787	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will subsequently be reviewed and scanned

BC 4-2-18

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

ELECTRONIC SUBMISSION #409264 VERIFIED BY THE BLM WELL INFORMATION SYS.

**** 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	2934	3793	OIL, GAS, WATER	RUSTLER	307
CHERRY CANYON	3794	5046	OIL, GAS, WATER	SALADO	689
BRUSHY CANYON	5047	6619	OIL, GAS, WATER	CASTILE	1356
BONE SPRING	6620	7568	OIL, GAS, WATER	DELAWARE	2883
1ST BONE SPRING	7569	8393	OIL, GAS, WATER	BELL CANYON	2934
2ND BONE SPRING	8394	9437	OIL, GAS, WATER	CHERRY CANYON	3794
3RD BONE SPRING	9438	9954	OIL, GAS, WATER	BRUSHY CANYON	5047
WOLFCAMP	9955		OIL, GAS, WATER	BONE SPRING	6620

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

1ST BONE SPRING 7569'M
2ND BONE SPRING 8394'M
3RD BONE SPRING 9438'M
WOLFCAMP 9955'M

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 #409264 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWARTTitle SR. REGULATORY ADVISOR

Signature _____ (Electronic Submission)

Date 03/26/2018

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 #409264 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 3/26/18.

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

CEDAR CANYON 27-28 FEDERAL 44H

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

9. API Well No.

30-015-44438

3a. Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-593610. Field and Pool or Exploratory Area
PURPLE SAGE WOLFCAMP

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

Sec 29 T24S R29E Mer NMP SESE 1245FSL 465FEL
32.184489 N Lat, 103.999583 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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 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 12/3/17, RIH & tag RBP @ 4986', POOH w/ RBP & lay down. RIH & clean out to PBTD @ 20228', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 20127-19951, 19926-19750, 19725-19549, 19524-19348, 19323-19147, 19122-18946, 18921-18745, 18720-18544, 18519-18343, 18318-18142, 18117-17941, 17916-17740, 17715-17539, 17514-17338, 17313-17137, 17112-16936, 16911-16735, 16710-16534, 16509-16333, 16308-16132, 16107-15931, 15906-15730, 15705-15529, 15504-15328, 15303-15127, 15102-14926, 14901-14725, 14700-14524, 14499-14323, 14298-14122, 14097-13921, 13896-13720, 13695-13519, 13494-13318, 13293-13117, 13092-12916, 12891-12715, 12690-12514, 12489-12313, 12288-12112, 12087-11911, 11886-11710, 11685-11509, 11484-11308, 11283-11107, 11082-10906, 10881-10705, 10680-10504, 10489-10303' Total 1960 holes. Frac in 49 stages w/ 12452202g Slick Water + 51198g 7.5% HCl acid w/ 15021205# sand, RD Schlumberger 12/22/17. 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 #409271 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 03/26/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Pending BLM approvals will
subsequently be reviewed
and scanned

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

of the United States

(Instructions on page 2)

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

OXY USA Inc.

Cedar Canyon 27-28 Federal 44H

API No. 30-015-44438

17-1/2" hole @ 784'
13-3/8" csg @ 784'
w/ 965sx-TOC-Surf Circ.

12-1/4" hole @ 9365'
9-5/8" csg @ 9354'
w/ 3086sx-TOC-Surf Circ.

8-1/2" hole @ 20285'
5-1/2" csg @ 20275'
w/ 2286sx-TOC-8345' Calc.

Perfs @ 10303-20127'

TD- 20285'M 10106'V