

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

February 2, 2018
Submitted to appropriate District Office

RECEIVED

☐ 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 - 015-44294	⁵ Pool Name COTTON DRAW; BONE SPRING	⁶ Pool Code 13367
⁷ Property Code: 317687	⁸ Property Name: PALLADIUM MDP1 7-6 FEDERAL COM	⁹ Well Number: 5H

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	7	24S	31E		293	SOUTH	592	EAST	EDDY

¹¹ Bottom Hole Location TOP PERF- 347' FSL 1269' FEL BOTTOM PERF- 363' FNL 1275' FEL

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	24S	31E		54	NORTH	1278	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 12/15/17	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
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 8/13/17	²² Ready Date 11/19/17	²³ TD 20288'M 10064'V	²⁴ PBTD 19998'M 10060'V	²⁵ Perforations 10094-19979'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	671'	865		
12-1/4"	9-5/8"	4372'	1330		
8-1/2"	5-1/2"	20278'	2955		

V. Well Test Data

³¹ Date New Oil 11/19/17	³² Gas Delivery Date 12/15/17	³³ Test Date 12/18/17	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pres 882
³⁷ Choke Size 47/128	³⁸ Oil 3670	³⁹ Water 6160	⁴⁰ Gas 4716		⁴¹ Test Met 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 Coordinator

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 2/20/2018

Phone: 432-685-5936

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Raymond J. Padany
Geologist.

2.28.2018

Pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 22 2018

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator OXY USA INC.			8. Lease Name and Well No. PALLADIUM MDP1 7-6 FEDERAL COM 5H		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9. API Well No. 30-015-44294		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 293FSL 592FEL 32.225398 N Lat, 103.810304 W Lon Sec 7 T24S R31E Mer NMP At top prod interval reported below SESE 347FSL 1269FEL 32.225527 N Lat, 103.812463 W Lon Sec 6 T24S R31E Mer NMP At total depth NENE 54FNL 1278FEL 32.253161 N Lat, 103.812421 W Lon			10. Field and Pool, or Exploratory COTTON DRAW; BONE SPRING		
14. Date Spudded 08/13/2017			15. Date T.D. Reached 10/01/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/19/2017			17. Elevations (DF, KB, RT, GL)* 3525 GL		
18. Total Depth: MD 20288 TVD 10064		19. Plug Back T.D.: MD 19998 TVD 10060		20. Depth Bridge Plug Set: MD 19998 TVD 10060	
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
17.500	13.375 J55	54.5	0	671		865	204	0	
12.250	9.625 J55	36.0	0	4372		1330	426	0	
8.500	5.500 P110	20.0	0	20278		2955	890	1565	

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 SPRING	10094	19979	10094 TO 20132	0.420	1960	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10094 TO 20132	18975852G SLICKWATER + 60278G 15% HCL ACID W/19686389# 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
11/19/2017	12/18/2017	24	→	3670.0	4716.0	6160.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
47/128	SI	882.0	→	3670	4716	6160	1285	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	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
	SI		→						

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

ELECTRONIC SUBMISSION #405017 VERIFIED BY THE BLM WELL INFORMATION SYST
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

SC 3-2-18

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	4305	5216	OIL, GAS, WATER	RUSTLER	605
CHERRY CANYON	5217	6459	OIL, GAS, WATER	SALADO	963
BRUSHY CANYON	6460	8161	OIL, GAS, WATER	CASTILE	2400
BONE SPRING	8162	9142	OIL, GAS, WATER	DELAWARE	4270
1ST BONE SPRING	9143	9909	OIL, GAS, WATER	BELL CANYON	4305
2ND BONE SPRING	9910	10064	OIL, GAS, WATER	CHERRY CANYON	5217
				BRUSHY CANYON	6460
				BONE SPRING	8162

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

1ST BONE SPRING 9143'M
2ND BONE SPRING 9910'M

11/11/17 RIH & set CIBP @ 19998' to isolate the following perfs: 20028-20132'.

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 #405017 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 02/20/2018

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 #405017 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 2/20/18.

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

NM OIL CONSERVATION

ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 22 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 a
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM57273

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 ☐ Other2. Name of Operator
OXY USA INC.Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com

3a. Address

P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-59368. Well Name and No.
PALLADIUM MDP1 7-6 FEDERAL COM 5H9. API Well No.
30-015-4429410. Field and Pool or Exploratory Area
COTTON DRAW; BONE SPRING

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

Sec 7 T24S R31E SESE 293FSL 592FEL
32.225398 N Lat, 103.812421 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 recompleate 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 recompleation 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 10/12/17, RIH & clean out to PBTD, pressure test csg to 9800# for 30 min, good test. RIH & perf @ 19979-19977, 19927-19770, 19721-19564, 19514-19357, 19307-19150, 19096-18945, 18894-18737, 18687-18530, 18481-18324, 18274-18120, 18067-17910, 17860-17703, 17654-17497, 17450-17290, 17240-17083, 17034-16877, 16824-16670, 16620-16463, 16410-16257, 16207-16050, 16000-15843, 15794-15637, 15587-15430, 15380-15223, 15174-15020, 14967-14810, 14760-14603, 14553-14396, 14349-14190, 14140-13986, 13933-13776, 13727-13570, 13520-13363, 13317-13156, 13107-12946, 12900-12743, 12693-12536, 12487-12334, 12280-12123, 12074-11916, 11867-11710, 11658-11503, 11453-11296, 11247-11090, 11036-10887, 10838-10687, 10639-10488, 10439-10291, 10242-10094 Total 1960 holes. Frac in 49 stages w/ 18975852g Slick Water + 60278g 15% HCl acid w/ 19686389# sand, RD Schlumberger 11/4/17. RIH & clean out to PBTD @ 19998', flow to clean up and test well for potential.

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

Electronic Submission #405011 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 02/20/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ted

(Instructions on page 2)

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

OXY USA Inc.
Palladium MDP1 7-6 Federal Com 5H
API No. 30-015-44294

17-1/2" hole @ 671'
13-3/8" csg @ 671'
w/ 865sx-TOC-Surf Circ.

12-1/4" hole @ 4381'
9-5/8" csg @ 4372'
w/ 1330sx-TOC-Surf Circ.

8-1/2" hole @ 20288'
5-1/2" csg @ 20278'
w/ 2955sx-TOC-1565' CBL

CIBP @ 19998'

Perfs @ 19979-10094'

TD- 20288'M 10064'V
PBSD- 19998'M 10060'V