

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

JUN 28 2018

Submitting copy to appropriate District Office

☐ AMENDED REPORT

DISTRICT II-ARTESIA O.C.D.

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 - 015-44459	⁵ Pool Name COTTON DRAW; BONE SPRING	⁶ Pool Code 13367
⁷ Property Code: 319619	⁸ Property Name: PATTON MDPI 17 FEDERAL	⁹ Well Number: 1H

II. ¹⁰ Surface Location

UL or lot no. M	Section 8	Township 24S	Range 31E	Lot Idn	Feet from the 170	North/South Line SOUTH	Feet from the 846	East/West line WEST	County EDDY
¹¹ Bottom Hole Location TOP PERF- 369' FNL 471' FWL BOTTOM PERF- 361' FSL 484' FWL									
UL or lot no. M	Section 17	Township 24S	Range 31E	Lot Idn	Feet from the 196	North/South line SOUTH	Feet from the 484	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code: P		¹⁴ Gas Connection Date: 4/4/18		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
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 11/3/17	²² Ready Date 4/4/18	²³ TD 15025'M 9996'V	²⁴ PBDT 14965'M 9996'V	²⁵ Perforations 10309-14860'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8"	664'		850
12-1/4"		9-5/8"	4394'		1380
8-1/2"		5-1/2"	15011'		2165
		2-7/8"	9764'		n/a

V. Well Test Data

³¹ Date New Oil 4/5/18	³² Gas Delivery Date 4/4/18	³³ Test Date 4/23/18	³⁴ Test Length 24 hrs.	³⁵ Thg. Pressure	³⁶ Csg. Pressure 704
³⁷ Choke Size 89/128	³⁸ Oil 1436	³⁹ Water 2062	⁴⁰ Gas 1979		⁴¹ Test Method P

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: 6/26/2018

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

Re-scanned
to correct file
9-17-18 JT
was - 44460

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 28 2018

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
DISTRICT II-ARTESIA O.C.D.Lease Serial No.
NMNM63757

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. PATTON MDP1 17 FEDERAL 1H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-44459	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 170FSL 846FWL 32.225060 N Lat, 103.805654 W Lon Sec 8 T24S R31E Mer NMP At top prod interval reported below NWNW 369FNL 471FWL 32.223658 N Lat, 103.806968 W Lon Sec 17 T24S R31E Mer NMP At total depth SWSW 196FSL 484FWL 32.210618 N Lat, 103.806974 W Lon		10. Field and Pool, or Exploratory COTTON DRAW; BONE SPRING	
14. Date Spudded 11/03/2017		15. Date T.D. Reached 02/08/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/04/2018		17. Elevations (DF, KB, RT, GL)* 3530 GL	
18. Total Depth: MD 15025 TVD 9996		19. Plug Back T.D.: MD 14965 TVD 9996	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	664		850	200	0	
12.250	9.625 L80	47.0	0	4394		1380	446	0	
8.500	5.500 P110	20.0	0	15011		2165	675	516	

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	9764	9764						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRINGS	10309	14860	10309 TO 14860	0.420	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10309 TO 14860	7370118G SLICKWATER + 22260G 7.5% HCL ACID W/18045453# 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
04/05/2018	04/23/2018	24	→	1436.0	1979.0	2062.0			GAS LIFT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
89/128	SI	704.0	→	1436	1979	2062	1378	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	
			→						

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

ELECTRONIC SUBMISSION #425378 VERIFIED BY THE BLM WELL INFORMATION:

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

Pending BLM approvals will
subsequently be reviewed
and scanned

7-3-18

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	4350	5267	OIL, GAS, WATER	RUSTLER	588
CHERRY CANYON	5268	6499	OIL, GAS, WATER	SALADO	977
BRUSHY CANYON	6500	8174	OIL, GAS, WATER	CASTILE	2775
BONE SPRING	8175	9168	OIL, GAS, WATER	DELAWARE	4318
1ST BONE SPRINGS	9169	9875	OIL, GAS, WATER	BELL CANYON	4350
2ND BONE SPRINGS	9876	9996	OIL, GAS, WATER	CHERRY CANYON	5268
				BRUSHY CANYON	6500
				BONE SPRING	8175

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS 9169'M
2ND BONE SPRINGS 9876'M

Logs were mailed 6/27/18.

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 #425378 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 06/26/2018

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 #425378 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.***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		5. Lease Serial No. NMNM63757
2. Name of Operator OXY USA INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 50250 MIDLAND, TX 79710		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-5936		8. Well Name and No. PATTON MDP1 17 FEDERAL 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T24S R31E Mer NMP SWSW 170FSL 846FWL 32.225060 N Lat, 103.805654 W Lon		9. API Well No. 30-015-44459
		10. Field and Pool or Exploratory Area COTTON DRAW, BONE SPRING
		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 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 3/2/18, RIH & clean out to PBTD @ 14965', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 14860-14709, 14660-14509, 14460-14309, 14260-14109, 14060-13909, 13860-13709, 13660-13509, 13460-13309, 13260-13109, 13060-12909, 12860-12709, 12660-12509, 12460-12309, 12260-12109, 12060-11909, 11860-11709, 11660-11509, 11460-11309, 11260-11109, 11060-10909, 10860-10709, 10660-10507, 10460-10309' Total 552 holes. Frac in 23 stages w/ 7370118g Slick Water + 22260g 7.5% HCl acid w/ 18045453# sand, RD Schlumberger 3/21/18. 4/1/18 RUPI, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 9764', RIH w/gas lift, RD 4/3/18. Pump to clean up and turn well over to production.

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JUN 28 2018

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #425377 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 06/26/2018

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

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ******Accepted For Record
NMOCD**

OXY USA Inc.
Patton MDP1 17 Federal 1H
API No. 30-015-44459

17-1/2" hole @ 664'
13-3/8" csg @ 664'
w/ 850sx-TOC-Surf Circ.

12-1/4" hole @ 4410'
9-5/8" csg @ 4394'
w/ 1380sx-TOC-Surf Circ.

8-1/2" hole @ 15025'
5-1/2" csg @ 15011'
w/ 2165sx-TOC-516' CBL

2-7/8" tbg & pkr @ 9764'

Perfs @ 10309-14860'

TD- 15025'M 9996'V