

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

Form C-104
Revised August 1, 2011

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 - 015-44333	⁵ Pool Name COTTON DRAW; BONE SPRING	⁶ Pool Code 13367
⁷ Property Code: 316483	⁸ Property Name: PATTON MDP1 18 FEDERAL	⁹ Well Number: 3H

NSL-7523

II. ¹⁰ Surface Location NSL-7523

UL or lot no. C	Section 18	Township 24S	Range 31E	Lot Idn	Feet from the 170	North/South Line NORTH	Feet from the 1928	East/West line WEST	County EDDY
¹¹ Bottom Hole Location TOP PERF- 432' FNL 2518' FWL BOTTOM PERF- 365' FSL 2507' FWL									
UL or lot no. N	Section 18	Township 24S	Range 31E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet from the 2513	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 12/10/17	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
NM OIL CONSERVATION ARTESIA DISTRICT FEB 15 2017 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 9/7/17	²² Ready Date 12/7/17	²³ TD 14784'M 10010'V	²⁴ PBTD 14762'M 10010'V	²⁵ Perforations 10114-14620'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	643'	830	✓	
12-1/4"	9-5/8"	4344'	1220	✓	
8-1/2"	5-1/2"	14777'	2125	✓	
	2-7/8"	9735'	NA		

V. Well Test Data

³¹ Date New Oil 12/8/17	³² Gas Delivery Date 12/10/17	³³ Test Date 12/18/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Press 662
³⁷ Choke Size 44/128	³⁸ Oil 1151	³⁹ Water 2521	⁴⁰ Gas 2173		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 Coordinator

E-mail Address:
janalyn_mendiola@oxy.com

Date: 2/12/2018

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Raymond H. Rodary
Geologist
2-26-2017

Pending BLM approvals will
subsequently be reviewed
and scanned

FEB 15 2018

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM89819

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
PATTON MDP1 18 FEDERAL 3H

3. Address P.O. BOX 50250
MIDLAND, TX 79710

3a. Phone No. (include area code)
Ph: 432-685-5936

9. API Well No.
30-015-44333

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENW 170FNL 1928FWL 32.224124 N Lat, 103.819432 W Lon

At top prod interval reported below NENW 432FNL 2518FWL 32.223657 N Lat, 103.817567 W Lon

At total depth SESW 200FSL 2513FWL 32.210562 N Lat, 103.817580 W Lon

10. Field and Pool, or Exploratory
COTTON DRAW, BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T24S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
09/07/2017

15. Date T.D. Reached
11/02/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/07/2017

17. Elevations (DF, KB, RT, GL)*
3534 GL

18. Total Depth: MD
TVD 14784
10010

19. Plug Back T.D.: MD
TVD 14762
10010

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD LOG, CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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	643		830	200	0	
12.250	9.625 L80	47.0	0	4344		1220	392	0	
8.500	5.500 P110	20.0	0	14777		2125	661	114	

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	9735	9735						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10114	14620	10114 TO 14620	0.420	880	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10114 TO 14620	7306992G SLICKWATER + 6300G LINEAR GEL + 21940G 7.5% HCL ACID W/8759510# 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
12/08/2017	12/18/2017	24	→	1151.0	2173.0	2521.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
44/128		662.0	→	1151	2173	2521	1888	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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #404238 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OC 2-27-18

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	4314	5198	OIL, GAS, WATER	RUSTLER	601
CHERRY CANYON	5199	6422	OIL, GAS, WATER	SALADO	952
BRUSHY CANYON	6423	8128	OIL, GAS, WATER	CASTILE	2824
BONE SPRING	8129	9100	OIL, GAS, WATER	DELAWARE	4287
1ST BONE SPRING	9101	9423	OIL, GAS, WATER	BELL CANYON	4314
2ND BONE SPRING	9424	10010	OIL, GAS, WATER	CHERRY CANYON	5199
				BRUSHY CANYON	6423
				BONE SPRING	8129

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 9101'M
2ND BONE SPRING 9424'M

Logs were mailed 2/13/18.

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 #404238 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 02/12/2018

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 #404238 that would not fit on the form

32. Additional remarks, continued

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.
NMNM89819

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.

PATTON MDP1 18 FEDERAL 3H

2. Name of Operator
OXY USA INC.Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com9. API Well No.
30-015-443333a. Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-593610. Field and Pool or Exploratory Area
COTTON DRAW, BONE SPRING

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

Sec 18 T24S R31E NENW 170FNL 1928FWL
32.224124 N Lat, 103.819432 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 11/21/17, RIH & clean out to PBTD @ 14762', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 14620-14463, 14413-14256, 14206-14049, 13999-13842, 13792-13635, 13585-13428, 13378-13221, 13171-13014, 12969-12807, 12757-12598, 12550-12393, 12343-12186, 12132-11979, 11929-11768, 11722-11565, 11515-11358, 11308-11150, 11101-10944, 10894-10737, 10687-10530, 10480-10323, 10273-10114' Total 880 holes. Frac in 22 stages w/ 7306992g Slick Water + 6300g linear gel + 21940g 7.5% HCl acid w/ 8759510# sand, RD Schlumberger 11/28/17. 1/19/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 9735', RIH w/gas lift, RD 1/21/18. Pump to clean up and turn well over to production.

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

**Electronic Submission #404237 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 02/12/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
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.

Title Pending BLM approvals will
subsequently be reviewed
and scanned

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 jurisd.

United

OXY USA Inc.
Payton MDP1 18 Federal 3H
AP# No. 30-015-44333

17-1/2" hole @ 643'
13-3/8" csg @ 643'
w/ 830sx-TOC-Surf Circ.

12-1/4" hole @ 4355'
9-5/8" csg @ 4344'
w/ 1220sx-TOC-Surf Circ.

8-1/2" hole @ 14784'
5-1/2" csg @ 14777'
w/ 2125sx-TOC-114' EM

2-7/8" tbg & pkr @ 9735'

Perfs @ 10114-14620'

TD- 14784'M 10010'V