

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

Form C-104
Revised August 1, 2011

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

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 – 015-44338	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: 33H

II. ¹⁰ Surface Location NSL ORDER-7561

UL or lot no. B	Section 18	Township 24S	Range 31E	Lot Idn	Feet from the 335	North/South Line NORTH	Feet from the 2062	East/West line EAST	County EDDY
¹¹ Bottom Hole Location TOP PERF- 430' FNL 1399' FEL BOTTOM PERF- 362' FSL 1358' FEL									
UL or lot no. O	Section 18	Township 24S	Range 31E	Lot Idn	Feet from the 126	North/South line SOUTH	Feet from the 1350	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 12-29-17	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
OIL CONSERVATION ARTESIA DISTRICT MAR 09 2018 RECEIVED		


IV. Well Completion Data

²¹ Spud Date 8/15/17	²² Ready Date 12/19/17	²³ TD 13790'M 8878'V	²⁴ PBDT 13715'M 8878'V	²⁵ Perforations 9060-13553'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	656'	650 ✓		
12-1/4"	9-5/8"	4365'	1350 ✓		
8-1/2"	5-1/2"	13770'	1480 ✓		


V. Well Test Data

³¹ Date New Oil 12/29/17	³² Gas Delivery Date 12/29/17	³³ Test Date 1/15/18	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressr 1033
³⁷ Choke Size 74/128	³⁸ Oil 1178	³⁹ Water 2652	⁴⁰ Gas 1875		⁴¹ Test Meth 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 Coordinator
E-mail Address:
janalvn_mendiola@oxy.com
Date: 03/01/2018

Phone: 432-685-5936

Approved by: 
Title:
Staff MS
Approval Date:
3-15-2017

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

CONSERVATION DISTRICT

MAR 09 2018

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 33H

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

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

9. API Well No.
30-015-44338

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

At surface NWNE 335FNL 2062FEL 32.223671 N Lat, 103.815059 W Lon

At top prod interval reported below NWNE 430FNL 1399FEL 32.223657 N Lat, 103.812869 W Lon

At total depth SWSE 126FSL 1350FEL 32.210562 N Lat, 103.812875 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
08/15/2017

15. Date T.D. Reached
10/04/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/19/2017

17. Elevations (DF, KB, RT, GL)*
3533 GL

18. Total Depth: MD 13790
TVD 8878

19. Plug Back T.D.: MD 13715
TVD 8878

20. Depth Bridge Plug Set: MD
TVD

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

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	656		650	155	0	
12.250	9.625 J55	36.0	0	4365		1350	435	0	
8.500	5.500 P110	20.0	0	8397		1480	560	1300	
8.500	5.500 13CR-95	20.0	8397	13770		1480	560	1300	

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	8446	8446						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9060	13553	9060 TO 13553	0.420	704	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9060 TO 13553	7738164G SLICK WATER + 30702G 15% HCL ACID + 36708G LINEAR GEL W/ 8773276# 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
12/29/2017	01/15/2018	24	→	1178.0	1875.0	2652.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
74/128	SI	1033.0	→	1178	1875	2652	1592	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 #406208 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OC 3-19-18

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	4335	5197	OIL, GAS, WATER	RUSTLER	571
CHERRY CANYON	5198	6480	OIL, GAS, WATER	SALADO	982
BRUSHY CANYON	6481	8210	OIL, GAS, WATER	CASTILE	2326
BONE SPRING	8211	8878	OIL, GAS, WATER	DELAWARE	4305
				BELL CANYON	4335
				CHERRY CANYON	5198
				BRUSHY CANYON	6481
				BONE SPRING	8211

32. Additional remarks (include plugging procedure):
Logs were mailed 3/2/18.

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

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 #406208 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 03/01/2018

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 ****

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 28. Well Name and No.
PATTON MDP1 18 FEDERAL 33H9. API Well No.
30-015-4433810. Field and Pool or Exploratory Area
COTTON DRAW; BONE SPRING11. County or Parish, State
EDDY COUNTY, NM

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 18 T24S R31E Mer NMP NWNE 335FNL 2062FEL
32.223670 N Lat, 103.815059 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	
	<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 11/2/17, RIH & clean out to PBTD @ 13715', pressure test csg to 9100# for 30 min, good test. RIH & perf @ 13553-13398, 13348-13193, 13143-12988, 12938-12783, 12735-12578, 12528-12371, 12323-12168, 12118-11963, 11913-11758, 11709-11553, 11470-11315, 11265-11110, 11060-10905, 10855-10700, 10650-10495, 10445-10290, 10241-10085, 10035-9880, 9830-9672, 9625-9470, 9420-9265, 9215-9060' Total 704 holes. Frac in 22 stages w/ 7738164g Slick Water + 30702g 15% HCl acid + 36708g linear gel w/ 8773276# sand, RD Schlumberger 11/14/17. 11/24/17 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 8446', RIH w/gas lift, RD 11/27/17. Pump to clean up and test well for potential.

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

**Electronic Submission #406212 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 03/01/2018

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

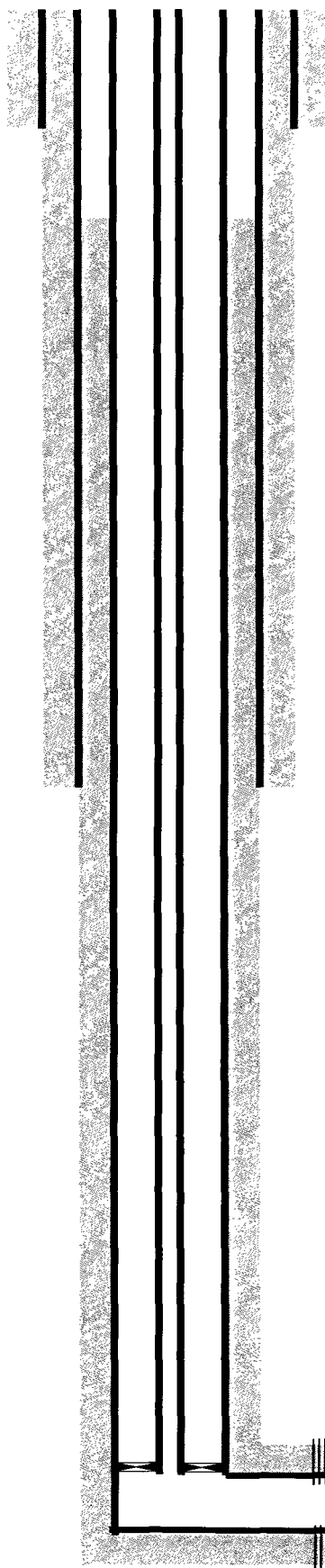
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

United

(Instructions on page 2)

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

OXY USA Inc.
Patton MDP1 18 Federal 33H
API No. 30-015-44338



17-1/2" hole @ 667'
13-3/8" csg @ 656'
w/ 650sx-TOC-Surf Circ.

12-1/4" hole @ 4380'
9-5/8" csg @ 4365'
w/ 1350sx-TOC-Surf Circ.

8-1/2" hole @ 13790'
5-1/2" csg @ 13770'
w/ 1480sx-TOC-1300' Calc.

2-7/8" tbg & pkr @ 8446'

Perfs @ 9060-13553'

TD- 13790'M 8878'V