

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
⁴ API Number 30-015-44989		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name Purple Sage Wolfcamp	⁶ Pool Code 98220	
⁷ Property Code: 319619	⁹ Well Number: 171H	

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
C	17	24S	31E		374	NORTH	1545	WEST	EDDY

¹¹ Bottom Hole Location

FTP- 450' FNL 407' FWL LTP- 381' FSL 454' FWL

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	24S	31E		176	SOUTH	449	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 11/8/18	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 NM OIL CONSERVATION ARTESIA DISTRICT	G
	JAN 22 2019	
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IV. Well Completion Data

²¹ Spud Date 7/4/18	²² Ready Date 11/1/18	²³ TD 16873'M 11702'V	²⁴ PBDT 16807'M 11704'V	²⁵ Perforations 12213-16688'	²⁶ DHC, MC
²⁷ Hole Size 14-3/4"	²⁸ Casing & Tubing Size 10-3/4"	²⁹ Depth Set 704'	³⁰ Sacks Cement 680 - CUC		
9-7/8"	7-5/8"	11242'	2045 - CUC		
6-3/4"	5-1/2" X 4-1/2"	16858'	675 - TOC 7/180		
	2-7/8"	11491'	N/A		

V. Well Test Data 5 1/2" 204 0-12033; 4 1/2" 13.5# 12033-16658

³¹ Date New Oil 11/1/18	³² Gas Delivery Date 11/8/18	³³ Test Date 11/5/18	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 910
³⁷ Choke Size 52/128	³⁸ Oil 1832	³⁹ Water 3186	⁴⁰ Gas 3348		⁴¹ Test Method 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 Specialist

E-mail Address:
janalyn_mendiola@oxy.com

Date:
1/22/19

Phone:
432-685-5936

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Rusty Klein
Business Ops Spec A

1-31-19

Pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION ARTESIA DISTRICT

JAN 22 2019

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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. NMNM89172	
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. Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com		7. Unit or CA Agreement Name and No.	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		8. Lease Name and Well No. PATTON MDP1 17 FEDERAL 171H	
3a. Phone No. (include area code) Ph: 432-685-5936		9. API Well No. 30-015-44989	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 374FNL 1545FWL 32.223565 N Lat, 103.803394 W Lon At top prod interval reported below NWNW 450FNL 407FWL 32.223370 N Lat, 103.807080 W Lon At total depth SWSW 176FSL 449FWL 32.210570 N Lat, 103.807010 W Lon		10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP	
14. Date Spudded 07/04/2018		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T24S R31E Mer NMP	
15. Date T.D. Reached 09/06/2018		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/01/2018		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3530 GL			
18. Total Depth: MD TVD	16873 11702	19. Plug Back T.D.: MD TVD	16807 11704
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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
14.750	10.750 J55	45.5	0	704		680	150	0	
9.875	7.825 L80	29.7	0	11242	4353	2045	831	0	
6.750	5.500 P110	20.0	0	12033		675	198	5310	
6.750	4.500 P110	13.5	12033	16858		675	198	5310	

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	11491	11491						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12213	16888	12213 TO 16888	0.370	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12213 TO 16888	2284640G SLICK WATER + 4800138G LINEAR GEL + 23882G 7.5% HCL ACID W/ 9205994# 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
11/01/2018	11/05/2018	24	→	1832.0	3348.0	3188.0			GAS LIFT
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
52/128	SI	910.0	→	1832	3348	3186	1828	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		→						

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

ELECTRONIC SUBMISSION #451378 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed
and scanned

1-31-19

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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	4410	5277	OIL, GAS, WATER	RUSTLER	620
CHERRY CANYON	5278	6509	OIL, GAS, WATER	SALADO	994
BRUSHY CANYON	6510	8227	OIL, GAS, WATER	CASTILE	2887
BONE SPRING	8228	9207	OIL, GAS, WATER	DELAWARE	4323
1ST BONE SPRINGS	9208	9864	OIL, GAS, WATER	BELL CANYON	4410
2ND BONE SPRINGS	9865	11165	OIL, GAS, WATER	CHERRY CANYON	5278
3RD BONE SPRINGS	11166	11709	OIL, GAS, WATER	BRUSHY CANYON	6510
WOLFCAMP	11710		OIL, GAS, WATER	BONE SPRING	8228

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS 9208'M
2ND BONE SPRINGS 9865'M
3RD BONE SPRINGS 11166'M
WOLFCAMP 11710'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 #451378 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 01/22/2019

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.

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Additional data for transaction #451378 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 1/23/19.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM89172
6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PATTON MDP1 17 FEDERAL 171H9. API Well No.
30-015-4498910. Field and Pool or Exploratory Area
PURPLE SAGE; WOLFCAMP11. County or Parish, State
EDDY COUNTY COUNTY, NM**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: jana_mendiola@oxy.com

3a. Address

P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-5936

NM OIL CONSERVATION

SANTA FE DISTRICT

JAN 22 2019

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

Sec 17 T24S R31E Mer NMP NENW 374FNL 1545FWL
32.223564 N Lat, 103.803398 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 Workover Operations
	<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 recomple 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.

RUPU 9/25/18, RIH & POOH w/ RBP, clean out to PBTD @ 16807', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16688-16541, 16473-16344, 16295-16147, 16098-15950, 15902-15753, 15704-15559, 15506-15359, 15310-15162, 15113-14965, 14919-14768, 14719-14571, 14522-14374, 14325-14177, 14130-13980, 13931-13788, 13734-13586, 13537-13389, 13340-13193, 13140-12995, 12946-12798, 12749-12601, 12554-12404, 12355-12213' Total 552 holes. Frac in 23 stages w/ 2284640g Slick Water + 4800138g linear gel + 23982g 7.5% HCl Acid w/ 9205994# sand, RD Schlumberger 10/9/18. 12/5/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & set @ 11491', RIH w/gas lift, RD 12/7/18. Pump to clean up and turn well over to production.

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

Electronic Submission #451384 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 01/22/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

...nt or agency of the United

(Instructions on page 2)

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

-RATOR-SUBMITTED **

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1-31-19

OXY USA Inc.
Patton MDP1 17 Federal 171H
API No. 30-015-44989

14-3/4" hole @ 704'
10-3/4" csg @ 704'
w/ 680sx-TOC-Surf Circ.

9-7/8" hole @ 11257'
7-5/8" csg @ 11242'
w/ 2045sx-TOC-Surf Circ.

6-3/4" hole @ 16873'
5-1/2" X 4-1/2" csg @ 16858'
w/ 675sx-TOC-5310' CBL

2-7/8" tbg & pkr @ 11491'

Perfs @ 12213-16688'

TD- 16873'M 11702'V