

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 30-015-45077	⁵ Pool Name Purple Sage Wolfcamp	³ Reason for Filing Code/ Effective Date - NW ⁶ Pool Code 98220
⁷ Property Code: 319619	⁸ Property Name: Patton MDP1 17 Federal	⁹ Well Number: 174H

II. ¹⁰ Surface Location

UL or lot no. B	Section 17	Township 24S	Range 31E	Lot Idn	Feet from the 772	North/South Line NORTH	Feet from the 1367	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location FTP- 387' FNL 2192' FEL LTP- 359' FSL 2166' FEL

UL or lot no. O	Section 17	Township 24S	Range 31E	Lot Idn	Feet from the 15	North/South line SOUTH	Feet from the 2166	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : P	¹⁴ Gas Connection Date: 11/12/18	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 ARTESIA DISTRICT	G
	JAN 30 2019	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 7/17/18	²² Ready Date 11/11/18	²³ TD 16939'M 11876'V	²⁴ PBDT 16708'M 11887'V	²⁵ Perforations 12042-16593'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sucks Cement		
14-3/4"	10-3/4"	762'	985 - CMC		
9-7/8"	7-5/8"	11334'	2320 - CMC		
6-3/4"	5-1/2" X 4-1/2"	16758'	675 - TOC 9865-101.		
	2-7/8"	11626'	N/A		

V. Well Test Data 4 1/2" 13.54 P110 11765-16758 } 5 1/2" 20# P110 0-11765'

³¹ Date New Oil 11/12/18	³² Gas Delivery Date 11/12/18	³³ Test Date 11/18/18	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 992
³⁷ Choke Size 58/128	³⁸ Oil 1658	³⁹ Water 4135	⁴⁰ Gas 6576		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:
1/29/19

Phone:
432-685-5936

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Pending BLM approvals will
subsequently be reviewed
and scanned

JAN 30 2019

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. PATTON MDP1 17 FEDERAL 174H		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9. API Well No. 30-015-45077		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 772FNL 1387FEL 32.222475 N Lat, 103.795722 W Lon At top prod interval reported below NWNE 387FNL 2192FEL 32.223540 N Lat, 103.798380 W Lon At total depth SWSE 15FSL 2166FEL 32.210130 N Lat, 103.798380 W Lon			10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP		
14. Date Spudded 07/17/2018			15. Date T.D. Reached 09/09/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/11/2018			17. Elevations (DF, KB, RT, GL)* 3547 GL		
18. Total Depth: MD TVD 16939 11876		19. Plug Back T.D.: MD TVD 16708 11887		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, GR			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 Lincr 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	782		985	237	0	
9.875	7.625 L80	29.7	0	11334	4463	2320	898	0	
6.750	5.500 P110	20.0	0	11765		675	198	9865	
6.750	4.500 P110	13.5	11765	16758		675	198	9865	

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	11826	11626						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12042	16593	12042 TO 16593	0.370	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12042 TO 16593	1050G 15% HCL ACID + 28014G 7.5% HCL ACID + 7360458G LINEAR GEL W/ 9107332# 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
11/12/2018	11/18/2018	24	→	1658.0	6576.0	4135.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
58/128	SI	992.0	→	1658	6576	4135	3966	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 #452442 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed
and scanned 11-30-19

RED **

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	4426	5325	OIL, GAS, WATER	RUSTLER	670
CHERRY CANYON	5326	6555	OIL, GAS, WATER	SALADO	1026
BRUSHY CANYON	6556	8277	OIL, GAS, WATER	CASTILE	2975
BONE SPRING	8278	9281	OIL, GAS, WATER	DELAWARE	4397
1ST BONE SPRINGS	9282	10022	OIL, GAS, WATER	BELL CANYON	4426
2ND BONE SPRINGS	10023	11242	OIL, GAS, WATER	CHERRY CANYON	5326
3RD BONE SPRINGS	11243	11730	OIL, GAS, WATER	BRUSHY CANYON	6556
WOLFCAMP	11731	11878	OIL, GAS, WATER	BONE SPRING	8278

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS 9282'M
2ND BONE SPRINGS 10023'M
3RD BONE SPRINGS 11243'M
WOLFCAMP 11731'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 #452442 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWARTTitle SR. REGULATORY ADVISORSignature (Electronic Submission)Date 01/29/2019

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #452442 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 1/31/19.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 30 2019

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 an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. NNNM89172
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 174H
9. API Well No. 30-015-45077
10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP
11. County or Parish, State EDDY COUNTY COUNTY, NM

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	2. Name of Operator OXY USA INC.	Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com	3a. Address P.O. BOX 50250 MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 432-685-5936	10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T24S R31E Mer NMP NWNE 772FNL 1367FEL 32.222475 N Lat, 103.795722 W Lon					11. County or Parish, State EDDY COUNTY 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 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 recomplete 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 10/12/18, RIH & POOH w/ RBP, clean out to PBTD @ 16708', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16593-16446, 16393-16242, 16193-16042, 15993-15842, 15793-15643, 15588-15442, 15393-15242, 15193-15039, 14993-14842, 14793-14642, 14593-14442, 14393-14242, 14193-14042, 13989-13838, 13793-13642, 13593-13442, 13415-13242, 13193-13040, 12991-12842, 12793-12642, 12593-12442, 12393-12242, 12193-12042' Total 552 holes. Frac in 23 stages w/ 7360458g linear gel + 1050g 15% HCl Acid + 28014g 7.5% HCl Acid w/ 9107332# sand, RD Schlumberger 10/25/18. 12/7/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 11626', RIH w/gas lift, RD 12/11/18. Pump to clean up and turn well over to production.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #452443 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 01/29/2019

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

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****Pending BLM approvals will
subsequently be reviewed
and scanned
1-31-19

Agency of the United

OXY USA Inc.
Patton MDP1 17 Federal 174H
API No. 30-015-45077



14-3/4" hole @ 762'
10-3/4" csg @ 762'
w/ 985sx-TOC-Surf Circ.

9-7/8" hole @ 11350'
7-5/8" csg @ 11334'
w/ 2320sx-TOC-Surf Circ.

6-3/4" hole @ 16939'
5-1/2" X 4-1/2" csg @ 16758'
w/ 675sx-TOC-9865'

2-7/8" tbg & pkr @ 11626'



Perfs @ 12042-16593'

TD- 16939'M 11876'V