

District I
1625 N. French Dr., Hobbs, NM 88240
J. C. J.

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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
⁴ API Number 30-015-44990	⁵ Pool Name Purple Sage Wolfcamp	⁶ Pool Code 98220
⁷ Property Code: 319619	⁸ Property Name: Patton MDP1 17 Federal	⁹ Well Number: 172H

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	1580	WEST	EDDY

¹¹ Bottom Hole Location FTP- 367' FNL 1275' FWL LTP- 365' FSL 1298' 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		204	SOUTH	1296	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code: P	¹⁴ Gas Connection Date: 11/2/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

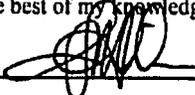
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC ARTESIA DISTRICT	G
	JAN 23 2019	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 7/5/18	²² Ready Date 11/1/18	²³ TD 16667'M 11801'V	²⁴ PBD 16604'M 11801'V	²⁵ Perforations 11956-16506'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	725'	680 - CMC		
9-7/8"	7-5/8"	11084'	2410 - CMC		
6-3/4"	5-1/2" X 4-1/2"	16651'	675 - TOL 7207		
	2-7/8"	11388'	N/A		

V. Well Test Data 4 1/2" 13 5/8 P110 11889. 16651 ; 5 1/2" 20 4 P110 0-11899'

³¹ Date New Oil 11/2/18	³² Gas Delivery Date 11/2/18	³³ Test Date 11/7/18	³⁴ Test Length 24 HRS.	³⁵ Thg. Pressure	³⁶ Csg. Pressure 2595
³⁷ Choke Size 36/128	³⁸ Oil 1944	³⁹ Water 4687	⁴⁰ Gas 4572		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: 1/23/19
Phone: 432-685-5936

OIL CONSERVATION DIVISION
Approved by: 
Title: Business Ops Spec A
Approval Date: 1-31-2019
Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 23 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

5. Lease Serial No.
NMNM89172

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
PATTON MDP1 17 FEDERAL 172H

9. API Well No.
30-015-44990

10. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T24S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/05/2018

15. Date T.D. Reached
09/14/2018

16. Date Completed
 D & A Ready to Prod.
11/01/2018

17. Elevations (DF, KB, RT, GL)*
3531 GL

18. Total Depth: MD 16667 TVD 11801

19. Plug Back T.D.: MD 16604 TVD 11801

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	725		680	150	0	
9.875	7.625 L80	29.7	0	11084	4390	2410	948	0	
6.750	5.500 P110	20.0	0	11899		675	198	6500	
6.750	4.500 P110	13.5	11899	16651		675	198	6500	

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	11388	11388						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11956	16506	11956 TO 16506	0.370	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11956 TO 16506	2408112G SLICKWATER + 23898G 7.5% HCL ACID + 4913370G LINEAR GEL W/ 9234154# 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
11/02/2018	11/07/2018	24	→	1844.0	4572.0	4687.0			GAS LIFT
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36/128	SI	2595.0	→	1944	4572	4687	2352	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	
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
	SI		→						

Pending BLM approvals will
subsequently be reviewed
and scanned
1/31/19

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #451527 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OI

SUBMITTED **

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
					Mcas. Depth
BELL CANYON	4388	5276	OIL, GAS, WATER	RUSTLER	621
CHERRY CANYON	5277	6481	OIL, GAS, WATER	SALADO	992
BRUSHY CANYON	6482	8198	OIL, GAS, WATER	CASTILE	2887
BONE SPRING	8199	9176	OIL, GAS, WATER	DELAWARE	4340
1ST BONE SPRINGS	9177	9832	OIL, GAS, WATER	BELL CANYON	4388
2ND BONE SPRINGS	9833	11098	OIL, GAS, WATER	CHERRY CANYON	5277
3RD BONE SPRINGS	11099	11625	OIL, GAS, WATER	BRUSHY CANYON	6482
WOLFCAMP	11626	11801	OIL, GAS, WATER	BONE SPRING	8199

32. Additional remarks (include plugging procedure):
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS 9177'M
2ND BONE SPRINGS 9833'M
3RD BONE SPRINGS 11099'M
WOLFCAMP 11626'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 #451527 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 01/23/2019

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 ****

Additional data for transaction #451527 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 1/24/19.

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

NM OIL CONSERVATION
ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 23 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.

RECEIVED

SUBMIT IN TRIPLICATE - Other Instructions on page 2		5. Lease Serial No. NMNM89172
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. PATTON MDP1 17 FEDERAL 172H	
2. Name of Operator OXY USA INC.	Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com	9. API Well No. 30-015-44990
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 NENW 374FNL 1580FWL 32.223565 N Lat, 103.803281 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 9/25/18, RIH & POOH w/ RBP, clean out to PBTD @ 16604', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 16506-16356, 16307-16156, 16107-15958, 15905-15756, 15707-15556, 15507-15361, 15307-15156, 15107-14956, 14907-14755, 14707-14556, 14501-14361, 14307-14156, 14107-13956, 13907-13754, 13707-13556, 13510-13356, 13307-13156, 13107-12956, 12904-12756, 12707-12556, 12507-12361, 12307-12156, 12107-11956' Total 552 holes. Frac in 23 stages w/ 2408112g Slick Water + 4913370g linear gel + 23898g 7.5% HCl Acid w/ 9234154# sand, RD Schlumberger 10/9/18. 1/15/19 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 11388', RIH w/gas lift, RD 1/17/19. Pump to clean up and turn well over to production.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #451530 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 01/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE

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 _____

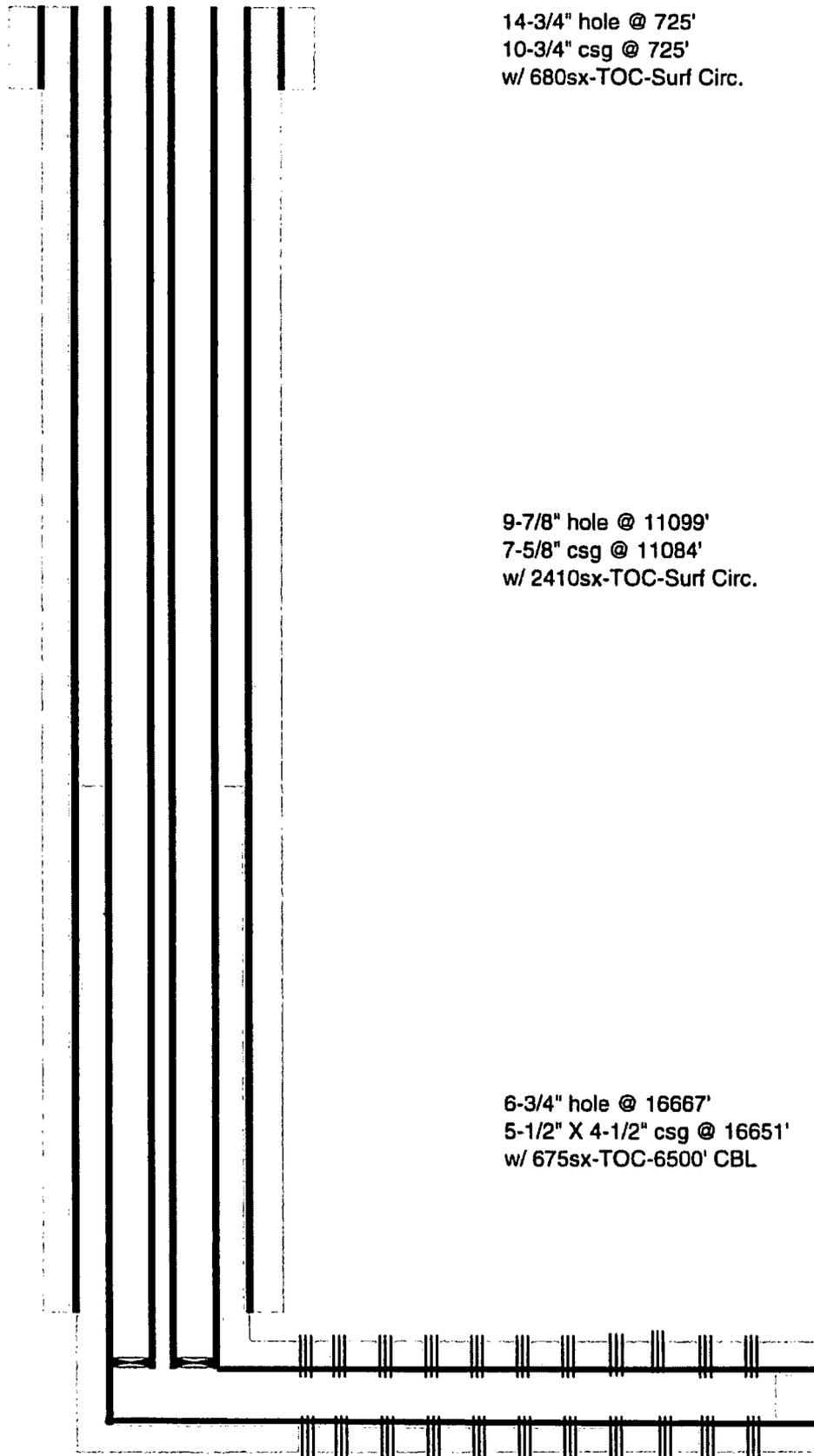
Pending BLM approvals will
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and scanned *1-31-19*

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(Instructions on page 2)

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

OXY USA Inc.
Patton MDP1 17 Federal 172H
API No. 30-015-44990



14-3/4" hole @ 725'
10-3/4" csg @ 725'
w/ 680sx-TOC-Surf Circ.

9-7/8" hole @ 11099'
7-5/8" csg @ 11084'
w/ 2410sx-TOC-Surf Circ.

6-3/4" hole @ 16667'
5-1/2" X 4-1/2" csg @ 16651'
w/ 675sx-TOC-6500' CBL

2-7/8" tbj & pkr @ 11388'

Perfs @ 11956-16506'

TD- 16667'M 11801'V