

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

RECEIVED

JAN 30 2020

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
⁴ API Number 30-015-45336	⁵ Pool Name PURPLE SAGE WOLFCAMP	³ Reason for Filing Code/ Effective Date - NW WC-0156085233/350 Wolfcamp 28220 / 98236
⁷ Property Code: 322740	⁸ Property Name: STERLING SILVER MDP1 33-4 FEDERAL COM	⁹ Well Number: 171H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 33	Township 23S	Range 31E	Lot Idn	Feet from the 90	North/South Line NORTH	Feet from the 869	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location FTP: 263' FNL 469' FWL LTP: 364' FSL 495' FWL

UL or lot no. M	Section 4	Township 24S	Range 31E	Lot Idn	Feet from the 247	North/South line SOUTH	Feet from the 494	East/WEST line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 11/4/19	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

**NSL-7841

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 06/10/2019	²² Ready Date 11/01/2019	²³ TD 11558'V/21701'M	²⁴ PBDT 11557'V/21668'M	²⁵ Perforations 11623'-21584'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	497'	525		
12-1/4"	9-5/8"	4276'	1358		
8-3/4"	7-5/8"	10887'	634		
6-3/4"	5-1/2"	21681'	827		

V. Well Test Data

³¹ Date New Oil 11/5/19	³² Gas Delivery Date 11/4/19	³³ Test Date 11/30/19	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1102
³⁷ Choke Size 53/64	³⁸ Oil 3138	³⁹ Water 7605	⁴⁰ Gas 6662		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:
1/28/2020

Phone:
432-685-5936

OIL CONSERVATION DIVISION

DENIED

Approv

Title: See Attached

Approv: See Rule 19.15.5.9

2- C-104's for dual pool

1- C-102 to show both pools

Wolfcamp Dual Pool Reporting

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JAN 30 2020

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MINRD-OCD ARTESIA

5. Lease Serial No.
NMNM45236

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
STERLING SILVER MDP1 33-4FDCOM 171H9. API Well No.
30-015-4533610. Field and Pool, or Exploratory
PURPLE SAGE WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 33 T23S R31E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DF, KB, RT, GL)*
3372 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
OXY USA INC. Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com3. Address P.O. BOX 50250
MIDLAND, TX 797103a. Phone No. (include area code)
Ph: 432-685-59364. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 33 T23S R31E Mer NMP
At surface NWNW 90FNL 869FWL 32.267932 N Lat, 103.788478 W Lon
Sec 33 T23S R31E Mer NMP
At top prod interval reported below NWNW 263FNL 469FWL 32.267460 N Lat, 103.789780 W Lon
Sec 4 T24S R31E Mer NMP
At total depth SWSW 247FSL 494FWL14. Date Spudded
06/10/201915. Date T.D. Reached
09/13/201916. Date Completed
☐ D & A ☒ Ready to Prod.
11/01/201918. Total Depth: MD 21701
TVD 1155819. Plug Back T.D.: MD 21668
TVD 1155720. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA RAY22. 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	497		525	127	0	
12.250	9.625 HCL80	40.0	0	4276		1358	394	0	
8.750	7.625 HCL80	26.4	0	10887		634	200	0	
6.750	5.500 P110	20.0	0	21681		827	203	10380	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11623	21584	11623 TO 21584	0.370	1488	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11623 TO 21584	12302934G SLICKWATER W/20858008# 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
11/05/2019	11/30/2019	24	→	3138.0	6662.0	7605.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
53/64	SI	1102.0	→	3138	6662	7605	2123	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.	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 #501071 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

db

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	4221	5114	OIL, GAS, WATER	RUSTLER	418
CHERRY CANYON	5115	6327	OIL, GAS, WATER	SALADO	781
BRUSHY CANYON	6328	7995	OIL, GAS, WATER	CASTILE	2720
BONE SPRING	7996	9061	OIL, GAS, WATER	LAMAR	4187
1ST BONE SPRING	9062	9654	OIL, GAS, WATER	BELL CANYON	4221
2ND BONE SPRING	9655	10918	OIL, GAS, WATER	CHERRY CANYON	5115
3RD BONE SPRING	10919	11459	OIL, GAS, WATER	BRUSHY CANYON	6328
WOLFCAMP	11460		OIL, GAS, WATER	BONE SPRING	7996

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

1ST BONE SPRING 9062' MD
2ND BONE SPRING 9655' MD
3RD BONE SPRING 10919' MD
WOLFCAMP 11460' MD

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 #501071 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad**

Name (please print) JANA MENDIOLA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 01/28/2020

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 #501071 that would not fit on the form

32. Additional remarks, continued

Logs were mailed 1/28/20.

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Cabinet Secretary

Gabriel Wade, Acting Director
Oil Conservation Division



March 27, 2019

Ms. Sarah Chapman
SARAH_CHAPMAN@oxy.com

NON-STANDARD LOCATION

Administrative Order NSL-7841

Oxy USA, Inc. [OGRID 16696]
Sterling Silver MDP1 33 4 Federal Com Well No. 171H
API No. 30-015-45336

Proposed Location

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	90 FNL & 869 FWL	D	33	23S	31E	Eddy
First Take Point	100 FNL & 440 FWL	D	33	23S	31E	Eddy
Last Take Point	330 FSL & 440 FWL	M	4	24S	31E	Eddy
Terminus	180 FSL & 440 FWL	M	4	24S	31E	Eddy

Proposed Horizontal Gas Units

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
W2 of Section 33, 23S 31E	640.56	Purple Sage; Wolfcamp (GAS)	98220
W2 of Section 4, 24S 31E			

The NSL application was initially protested on March 15, 2019. The Protestant was removed from the encroaching tract by changing the LTP to an orthodox location.

Reference is made to your application received on March 5, 2019.

You have requested to complete this horizontal well as a gas well described above in the referenced pool or formation. This well is governed by special rules for the Purple Sage; Wolfcamp (Gas) Pool of and provides for 320-acre units, with wells located at least 330 feet from a unit outer boundary.

This well's completed interval is as close as 100 feet to the northern edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 28, 23S 31E, encroachment to the SW4

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in Paragraph (8) Subsection A of 19.15.2.7 NMAC, in all adjoining units towards which the proposed location encroaches.

Division understands you seek this unorthodox location as an efficient spacing of your horizontal wells, thereby preventing waste within the Wolfcamp formation underlying the W2 of Section 33, 23S 31E and W2 of Section 4, 24S 31E.

Your application has been filed under Subsection 6 of Paragraph of Section (C) of 19.15.16.15 NMAC, 19.15.15.13 NMAC and Paragraph (2) of Subsection A of 19.15.4.12 NMAC.

Per Subsection B of 19.15.15.13 NMAC, Division approves this unorthodox location.

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of further orders as Division deems necessary.



Gabriel Wade
Acting Director

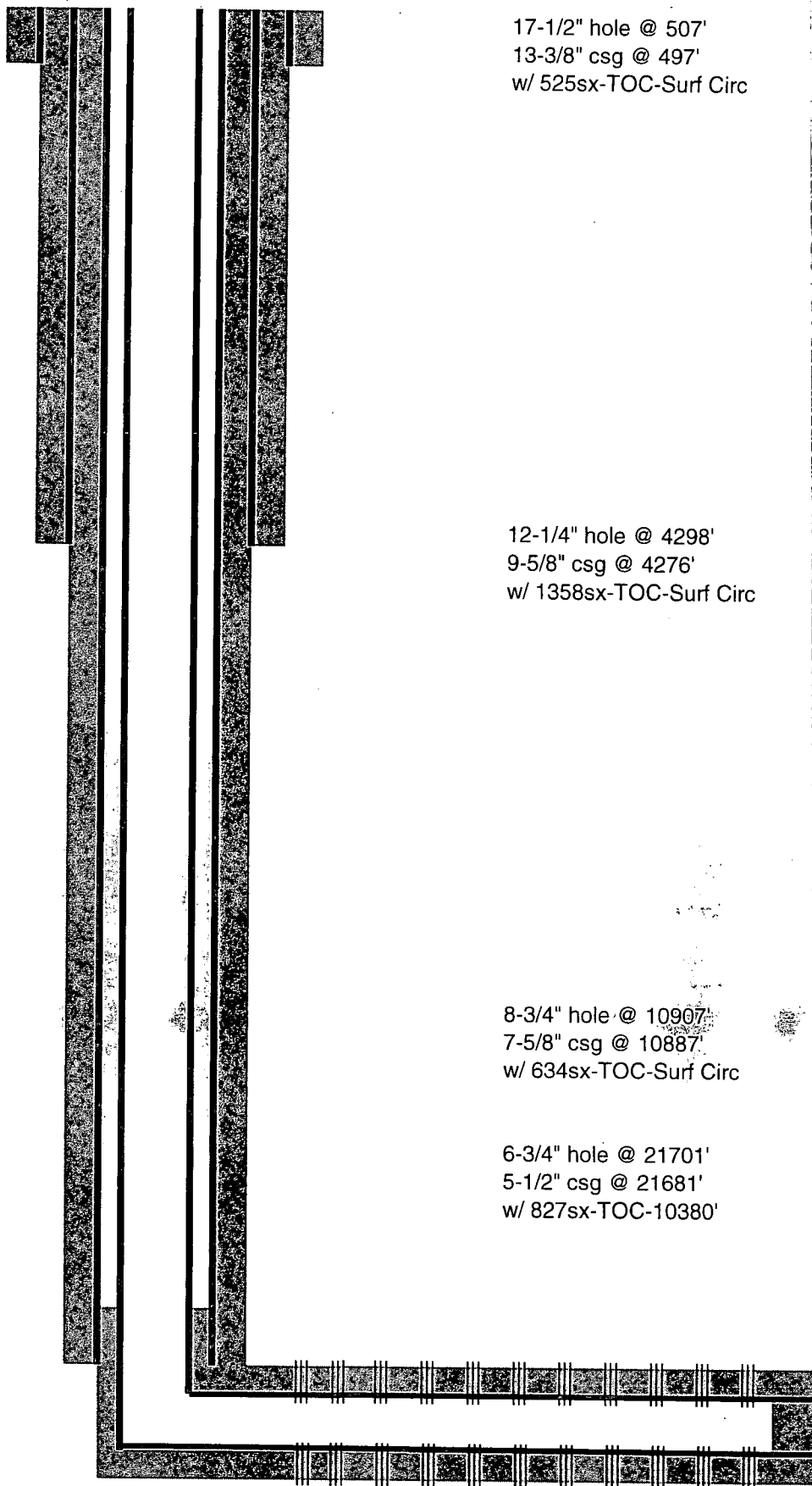
GW/lrl

cc: Oil Conservation Division – Artesia District Office
Bureau of Land Management – Carlsbad Field Office

OXY USA INC.

Sterling Silver MDP1 33-4 Federal Com 171H

30-015-45336



Perfs @ 11623-21584'

TD-21701'M 11558'V