

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 Copy to appropriate District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☒ 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 30-015-45337	⁵ Pool Name PURPLE SAGE WOLFCAMP / WC-015 G 085 233/352		⁶ Pool Code 98220 / 98236
⁷ Property Code: 322740		⁸ Property Name: STERLING SILVER MDP1 33-4 FEDERAL COM	
		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
D	33	23S	31E		90	NORTH	904	WEST	EDDY

¹¹ Bottom Hole Location

FTP: 132' FNL 1355' FWL LTP: 489' FSL 1427' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	24S	31E		254	SOUTH	1425	WEST	EDDY
¹² Lse Code F		¹³ Producing Method Code : P		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-7842

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 06/11/2019	²² Ready Date 11/01/2019	²³ TD 11696'V/22211'M	²⁴ PBTB 11696'V/22174'M	²⁵ Perforations 12016'-21976'	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"		4300'	1418
8-3/4"		7-5/8"		11017'	634
6-3/4"		5-1/2"		22186'	775

V. Well Test Data

2-3/8" tubing

11994'

³¹ Date New Oil 11/5/19	³² Gas Delivery Date 11/4/19	³³ Test Date 11/18/19	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1658
³⁷ Choke Size 35/64	³⁸ Oil 3186	³⁹ Water 6421	⁴⁰ Gas 5727		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

Approved:

Title: See Attached

Approval:

See Rule 19.15.5.9

C-102 needs to list both pools
Dual Pool calls for a C-104 for each

Dual Wolfcamp Pool Reporting

RECEIVED

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 30 2020

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM452361a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. 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.com8. Lease Name and Well No.
STERLING SILVER MDP1 33-4FDCOM 172H3. Address P.O. BOX 50250
MIDLAND, TX 797103a. Phone No. (include area code)
Ph: 432-685-59369. API Well No.
30-015-453374. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 33 T23S R31E Mer NMP

At surface NWNW 90FNL 904FWL 32.267932 N Lat, 103.788365 W Lon

Sec 33 T23S R31E Mer NMP

At top prod interval reported below NENW 132FNL 1355FWL 32.267810 N Lat, 103.786910 W Lon

Sec 4 T24S R31E Mer NMP

At total depth SESW 254FSL 1425FWL

10. 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
NM14. Date Spudded
06/11/201915. Date T.D. Reached
09/25/201916. Date Completed
☐ D & A ☒ Ready to Prod.
11/01/201917. Elevations (DF, KB, RT, GL)*
3373 GL18. Total Depth: MD 22211
TVD 1169619. Plug Back T.D.: MD 22174
TVD 1169620. 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	4300		1418	410	0	
8.750	7.625 HCL80	26.4	0	11017		634	206	0	
6.750	5.500 P110	20.0	0	22186		775	218	10517	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	11994							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12016	21976	12016 TO 21976	0.370	1488	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12016 TO 21976	12105744G SLICKWATER W/20859132# 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	11/18/2019	24	→	3186.0	5727.0	6421.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
35/64	SI	1658.0	→	3186	5727	6421	1798	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 #501152 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	4236	5109	OIL, GAS, WATER	RUSTLER	421
CHERRY CANYON	5110	6323	OIL, GAS, WATER	SALADO	783
BRUSHY CANYON	6324	8020	OIL, GAS, WATER	CASTILE	2722
BONE SPRING	8021	9088	OIL, GAS, WATER	LAMAR	4202
1ST BONE SPRING	9089	9705	OIL, GAS, WATER	BELL CANYON	4236
2ND BONE SPRING	9706	10936	OIL, GAS, WATER	CHERRY CANYON	5110
3RD BONE SPRING	10937	11431	OIL, GAS, WATER	BRUSHY CANYON	6324
WOLFCAMP	11432		OIL, GAS, WATER	BONE SPRING	8021

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

1ST BONE SPRING 9089' MD
2ND BONE SPRING 9706' MD
3RD BONE SPRING 10937' MD
WOLFCAMP 11432' 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 #501152 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad**

Name (please print) JANA MENDIOLATitle REGULATORY SPECIALISTSignature (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 #501152 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-7842

Oxy USA, Inc. [OGRID 16696]
Sterling Silver MDP1 33 4 Federal Com Well No. 172H
API No. 30-015-45337

Proposed Location

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	90 FNL & 904 FWL	D	33	23S	31E	Eddy
First Take Point	100 FNL & 1260 FWL	D	33	23S	31E	Eddy
Last Take Point	330 FSL & 1260 FWL	M	4	24S	31E	Eddy
Terminus	180 FSL & 1260 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

Administrative Order NSL-7842
Oxy USA, Inc.
March 27, 2019
Page 2 of 2

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.

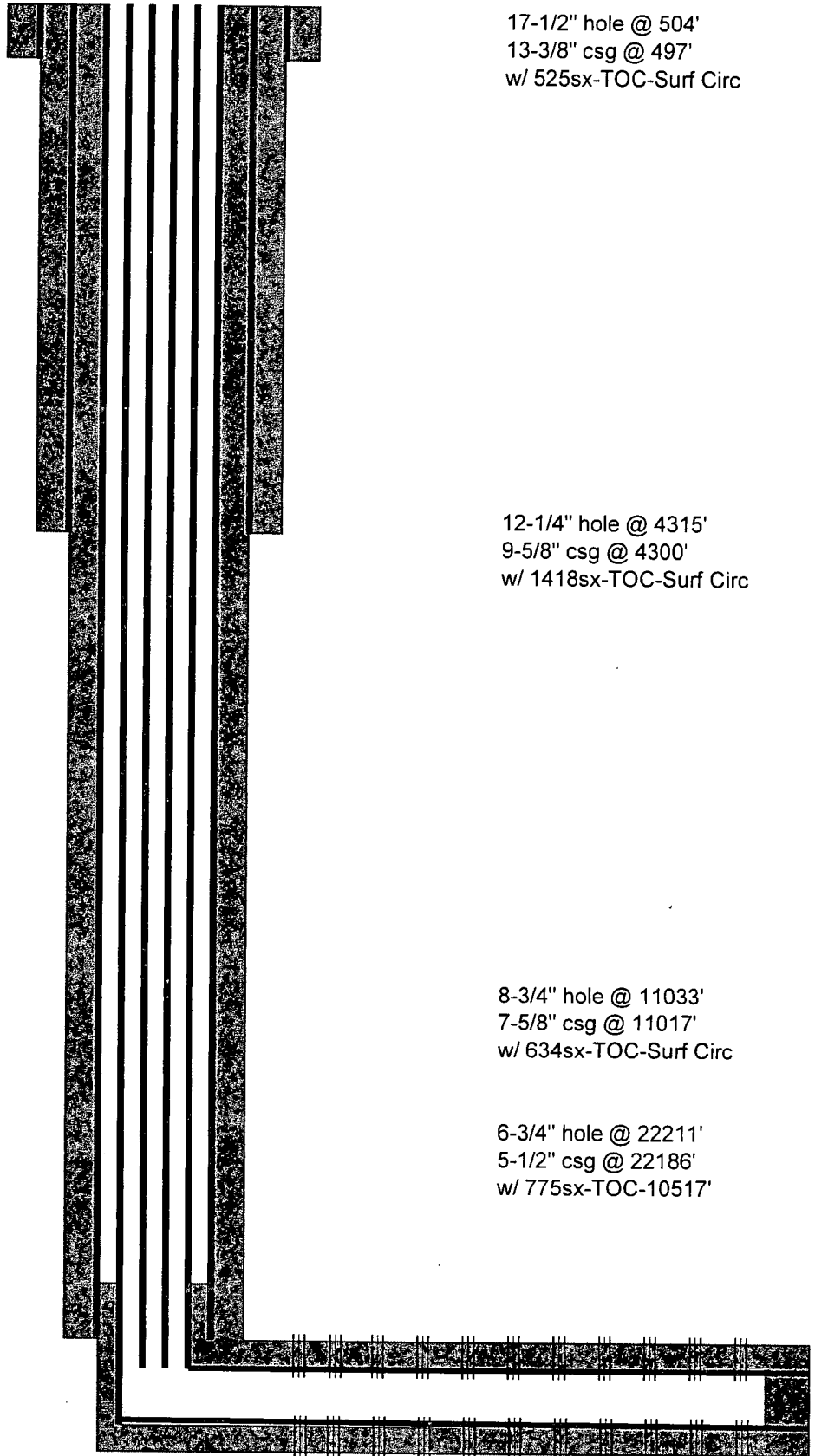


Gabriel Wade
Acting Director

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 172H
30-015-45337



17-1/2" hole @ 504'
13-3/8" csg @ 497'
w/ 525sx-TOC-Surf Circ

12-1/4" hole @ 4315'
9-5/8" csg @ 4300'
w/ 1418sx-TOC-Surf Circ

8-3/4" hole @ 11033'
7-5/8" csg @ 11017'
w/ 634sx-TOC-Surf Circ

6-3/4" hole @ 22211'
5-1/2" csg @ 22186'
w/ 775sx-TOC-10517'

2-3/8" tbg w/gas lift @ 11994'

Perfs @ 12016-21976'

TD-22211'M 11696'V