

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 Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice. **30-015-44548**

Test Allowable, New Well and Recompleted Well **AMEND C-104**

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☒ Production Casing or Liner **Amend if needed.**

- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
 - ☒ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☐ C-103 Completion Sundry (or BLM equivalent)
- ☐ C-105 Completion Report (or BLM equivalent)
- ☒ All Logs Run on Well **"If applicable"**

If you have any questions please contact the local OCD District Office

**Please attach copy of this notice
along with the requested items
together, mail all hard copies to
DISTRICT II-ARTESIA OCD
THANK YOU**

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

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 26 2019

Submit one copy to appropriate District Office

RECEIVED

☒ AMENDED REPORT

Form C-104
Revised August 1, 2011

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 4294 HOUSTON, TX 77210		² OGRID Number 16696
⁴ API Number 30-015-44548		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name MESA VERDE; BONE SPRING	⁶ Pool Code 96229	
⁷ Property Code: 320828	⁸ Property Name: MESA VERDE BONE SPRING UNIT	⁹ Well Number: 19H

II. ¹⁰ Surface Location

UL or lot no. N	Section 13	Township 24S	Range 31E	Lot Idn	Feet from the 170	North/South Line SOUTH	Feet from the 2623	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

FTP: 388' FSL 2613' FWL LTP: 195' FNL 2133' FWL

UL or lot no. C	Section 13	Township 24S	Range 31E	Lot Idn	Feet from the 22	North/South line NORTH	Feet from the 2136	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 09/01/2018	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	G

IV. Well Completion Data

²¹ Spud Date 5/27/18	²² Ready Date 8/24/18	²³ TD 10371'V/15266'M	²⁴ PBTD 10371'V/15223'M	²⁵ Perforations 10390'15119'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	1013'		1067	
9-7/8"	7-5/8"	9797'		2032	
6-3/4"	5-1/2"	15508'		360	
	2-7/8"	10145'		n/a	

V. Well Test Data

³¹ Date New Oil 09/02/2018	³² Gas Delivery Date 09/01/2018	³³ Test Date 09/11/2018	³⁴ Test Length 24-HOUR	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1010
³⁷ Choke Size 128/128	³⁸ Oil 1910	³⁹ Water 4810	⁴⁰ Gas 2231		⁴¹ Test Method FLOWING

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:
LESLIE REEVES

Title:
REGULATORY ADVISOR

E-mail Address:
LESLIE_REEVES@oxy.com

Date:
11/15/2019 - Corrected

Phone:
713-497-2492

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM114979

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM137096X8. Well Name and No.
MESA VERDE BS UNIT 199. API Well No.
30-015-44548-00-X110. Field and Pool or Exploratory Area
MESA VERDE-BONE SPRING11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OXY USA INCORPORATEDContact: SARAH CHAPMAN
E-Mail: SARAH_CHAPMAN@OXY.COM3a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 713-350-4997

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

Sec 13 T24S R31E SESW 170FSL 2623FWL
32.210583 N Lat, 103.731583 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Drilling Operations

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 recomple 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.

7/30/18 MIRU, test BOP @ 250# low 5000# high, good test. Test 7-5/8" csg to 2500# for 30 minutes, good test. RIH & drill new formation to 9817', perform FIT test to EMW=11.5ppg 1627psi, good test. Drill 6-3/4" hole to 15246'M/10371'V. RIH & set 5-1/2" 20# P-110 DQX csg @ 15242', pump 50 bbl superflush spacer, then cmt w/ 360 sxs (106bbl) class H w/ additives 13.2ppg 1.65 yield. Full returns throughout job, TOC=8797'. WOC. 8/6/18 RD and rig release to Mesa Verde BS Unit 18H.

Survey: 15246' MD
10371' TVD

TD Date? 7/30/18?

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 26 2019

RECEIVED

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

Electronic Submission #431384 verified by the BLM Well Information System

For OXY USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/16/2018 (18DLM0578SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 08/15/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

MUSTAFA HAQUE
Title PETROLEUM ENGINEER

Date 08/16/2018

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 Carlsbad

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #431384

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM114979	NMNM114979
Agreement:	NMNM137096X	NMNM137096X (NMNM137096X)
Operator:	OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710 Ph: 432-685-5936	OXY USA INCORPORATED 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713.350.4816
Admin Contact:	SARAH CHAPMAN REGULATORY SPECIALIST E-Mail: SARAH_CHAPMAN@OXY.COM Cell: 281-642-5503 Ph: 713-350-4997	SARAH CHAPMAN REGULATORY SPECIALIST E-Mail: SARAH_CHAPMAN@OXY.COM Cell: 281-642-5503 Ph: 713-350-4997
Tech Contact:	DAVID STEWART SR REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432-685-5717	DAVID STEWART REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432.685.5717
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	MESA VERDE BONE SPRING	MESA VERDE-BONE SPRING
Well/Facility:	MESA VERDE BS UNIT 19H Sec 13 T24S R32E SESW 170FSL 2623FWL 32.210583 N Lat, 103.731583 W Lon	MESA VERDE BS UNIT 19 Sec 13 T24S R31E SESW 170FSL 2623FWL 32.210583 N Lat, 103.731583 W Lon

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND 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. NMNM137096X		
2. Name of Operator OXY USA INC.			8. Lease Name and Well No. MESA VERDE BS UNIT 19H		
3. Address P.O. BOX 4294 HOUSTON, TX 77210			9. API Well No. 30-015-44548		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot N 170FSL 2623FWL 32.210583 N Lat, 103.731582 W Lon At top prod interval reported below Lot C 388FSL 2613FWL 32.211810 N Lat, 103.730110 W Lon At total depth Lot C 22FNL 2136FWL 32.224138 N Lat, 103.732958 W Lon			10. Field and Pool, or Exploratory MESA VERDE BONE SPRING		
14. Date Spudded 05/27/2018 ✓			11. Sec., T., R., M., or Block and Survey or Area Sec 13 T24S R31E Mer NMP		
15. Date T.D. Reached 08/07/2018 ?			12. County or Parish EDDY		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/21/2018 ✓			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3587 GL					
18. Total Depth: MD 15266 ? TVD 10371			19. Plug Back T.D.: MD 15223 ✓ TVD 10371		
20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY			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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	1013		1067	259	0	
9.875	7.625 L80	26.4	0	9797		2032	692	0	
6.750	5.500 P110	20.0	0	15508		360	107	8797	

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) BONE SPRING	10390	15119	✓ 10390 TO 15119	0.420	600	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10390 TO 15119	8382738G SLICKWATER & 14200G OF 7.5% HCL W/ 9631570# 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
09/06/2018	09/11/2018	24	→	1977.0	2576.0	4464.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128/128	SI		→	1977	2576	4464		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 #447058 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-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.)
CAPTURED

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	4638	5512		RUSTLER	742
CHERRY CANYON	5517	6736		SALADO	1081
BRUSHY CANYON	6745	8495		CASTILE	3122
BONE SPRING	8487	9364		DELAWARE	4610
BONE SPRING 1ST	9371	9785		BELL CANYON	4638
BONE SPRING 2ND	9751	10250		CHERRY CANYON	5517
				BRUSHY CANYON	6745
				BONE SPRING	8487

32. Additional remarks (include plugging procedure):

LOG HEADER, DIRECTIONAL SURVEY, AS-DRILLED C-102 PLAT AND WBD ARE ATTACHED.

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 #447058 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWART

Title SR REGULATORY ADVISOR

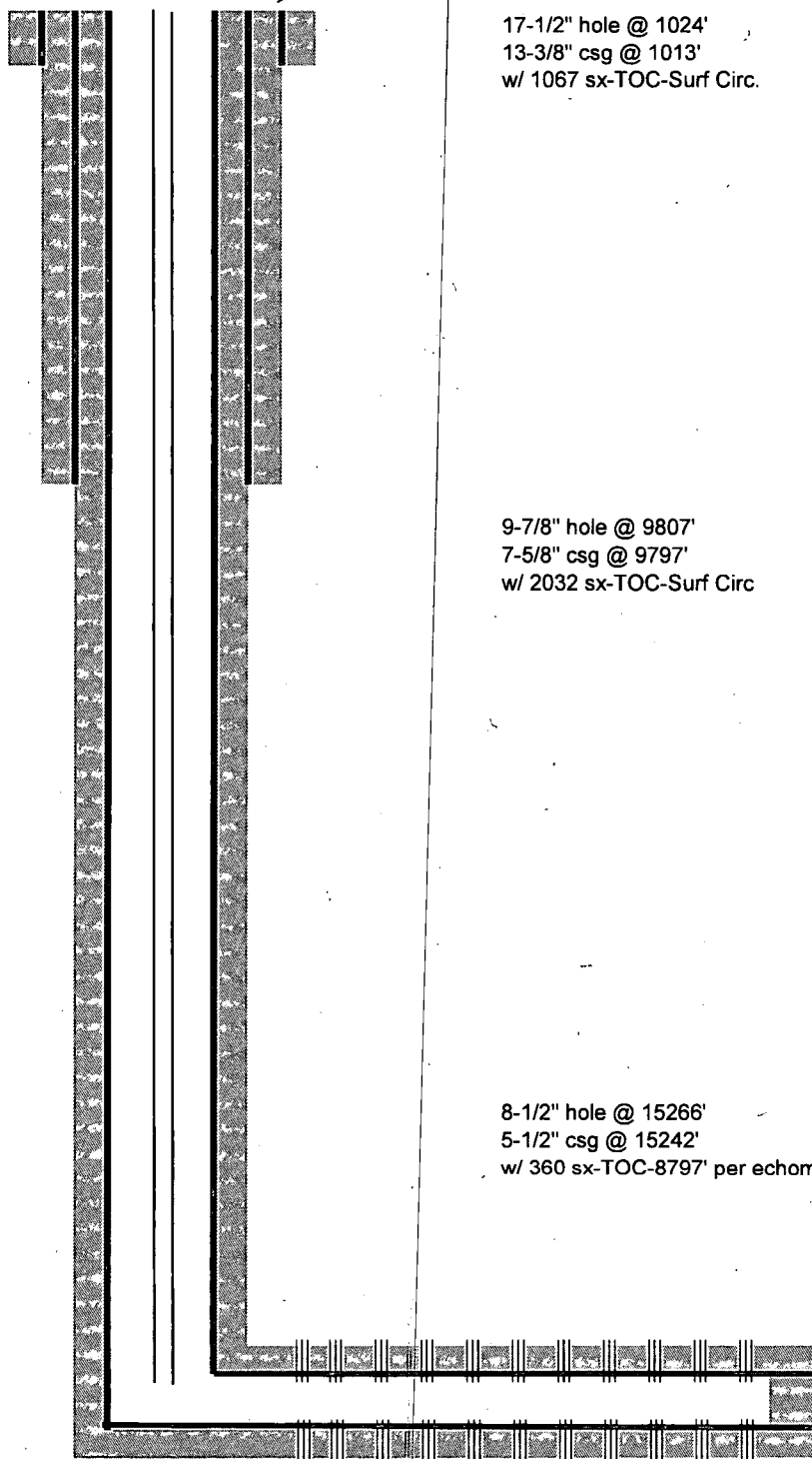
Signature (Electronic Submission)

Date 12/10/2018

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 **

OXY USA Inc.
Mesa Verde BS Unit 19H
API No. 30-015-44548



17-1/2" hole @ 1024'
13-3/8" csg @ 1013'
w/ 1067 sx-TOC-Surf Circ.

9-7/8" hole @ 9807'
7-5/8" csg @ 9797'
w/ 2032 sx-TOC-Surf Circ

8-1/2" hole @ 15266'
5-1/2" csg @ 15242'
w/ 360 sx-TOC-8797' per echometer.

2-7/8" tubing @ 10145'

Perfs @ 10390'-15119'

TD- 15266' M/10371' V