

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.

30-015-45648

### 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

☐ Applicable Order (NSL, NSP, Other \_\_\_\_\_)

☐ Deviation Survey for Vertical Wells

☒ Directional Survey

☒ C-102 (As-Drilled Plat for Horizontal Well)

Amend on C-104  
AND CHECK C-102

### 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 you have any questions please contact the local OCD District Office**

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

RECEIVED

Form C-104  
Revised August 1, 2011

JAN 14 2020  
Submit one copy to appropriate District Office

EMNRD-OCD ARTESIA AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address OXY USA INC P.O. BOX 4294 HOUSTON, TX 77210		<sup>2</sup> OGRID Number 16696
<sup>4</sup> API Number 30-015-45648	<sup>5</sup> Pool Name INGLE WELLS; BONE SPRING	<sup>6</sup> Pool Code 33740
<sup>7</sup> Property Code: 324872	<sup>8</sup> Property Name: PURE GOLD MDP1 29-17 FEDERAL COM	<sup>9</sup> Well Number: 4H

II. <sup>10</sup> Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	29	23S	31E		430'	SOUTH	2605'	WEST	EDDY

<sup>11</sup> Bottom Hole Location FTP: 163' FSL 2179' FEL LTP: 2520' FSL 2258' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	23S	31E		2613'	SOUTH	2270'	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code : F	<sup>14</sup> Gas Connection Date: 7/26/2019	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

<sup>21</sup> Spud Date 03/03/2019	<sup>22</sup> Ready Date 07/21/2019	<sup>23</sup> TD 9861'V/22990'M	<sup>24</sup> PBTD 9861'V/22943'M	<sup>25</sup> Perforations 9966'-22900'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2"	13-3/8"	670'	870		
12-1/4"	9-5/8"	4210'	1335		
8-1/2"	7-5/8"	9015'	606		
6-3/4"	5-1/2"	22990'	1065		
	2-3/8"	10102'			

V. Well Test Data

<sup>31</sup> Date New Oil 7/21/2019	<sup>32</sup> Gas Delivery Date 7/7/2019	<sup>33</sup> Test Date 7/26/2019	<sup>34</sup> Test Length 24-HOUR	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 834
<sup>37</sup> Choke Size 128/128	<sup>38</sup> Oil 3054	<sup>39</sup> Water 9970	<sup>40</sup> Gas 3491		<sup>41</sup> Test Method FLOWING

<sup>42</sup> 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:  
01/07/20

Phone:  
713-497-2492

Approved by:

Title:

Approval I

OIL CONSERVATION DIVISION  
**DENIED**  
See Attached Cover Sheet

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION  
ARTESIA DISTRICT

OCT 31 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		5. Lease Serial No. NMNM0545035	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator OXY USA INC.		7. Unit or CA Agreement Name and No.	
Contact: SARAH CHAPMAN E-Mail: SARAH_CHAPMAN@OXY.COM		8. Lease Name and Well No. PURE GOLD MDP1 29-17 FEDERAL C 4H	
3. Address P.O. BOX 4294 HOUSTON, TX 77210		9. API Well No. 30-015-45648	
3a. Phone No. (include area code) Ph: 713-350-4997		10. Field and Pool, or Exploratory INGLE WELLS BONE SPRING	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 430FSL 2605FWL 32.269359 N Lat, 103.799929 W Lon Sec 29 T23S R31E Mer NMP At top prod interval reported below SWSE 163FSL 2179FEL 32.268620 N Lat, 103.798340 W Lon Sec 17 T23S R31E Mer NMP At total depth NWSE 2623FSL 2270FEL 32.304419 N Lat, 103.798460 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T23S R31E Mer NMP	
14. Date Spudded 03/03/2019 ✓		15. Date T.D. Reached 05/22/2019 ✓	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/06/2019		17. Elevations (DF, KB, RT, GL)* 3357 GL	
18. Total Depth: MD 22990 ✓ TVD 9861 ✓		19. Plug Back T.D.: MD 22943 TVD 9861	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY, MUD LOG	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
6.750	5.500 SF TORQ	20.0		22990		1065	257	8500	
17.500	13.375 J-55	45.5	0	670		870	210	0	
12.250	9.625 HCL-80	43.5	0	4210		1335	398	0	
8.500	7.625 FJ/SF	26.4	0	9015		606	180	0	

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	9966	22900	9966 TO 22900	0.420	1350	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9966 TO 22900	14087102GAL SLICKWATER AND 23969335# 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
07/21/2019	07/26/2019	24	→	3054.0	3491.0	9970.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128/128	SI	834.0	→	3054	3491	9970		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 #490074 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.)  
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	4125	5051	OIL, GAS, WATER	RUSTLER	431
CHERRY CANYON	5052	6305	OIL, GAS, WATER	SALADO	744
BRUSHY CANYON	6306	7988	OIL, GAS, WATER	CASTILE	2649
BONE SPRING	7989	8853	OIL, GAS, WATER	DELAWARE	4102
1ST BONE SPRING	8854	9702	OIL, GAS, WATER	BELL CANYON	4125
2ND BONE SPRING	9703	9900	OIL, GAS, WATER	CHERRY CANYON	5052
				BRUSHY CANYON	6306
				BONE SPRING	7989

## 32. Additional remarks (include plugging procedure):

LOG HEADER, DIRECTIONAL SURVEY, AS DRILLED C-102, SUPPLEMENTAL AND WBD 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 #490074 Verified by the BLM Well Information System.  
For OXY USA INC., sent to the Carlsbad

Name (please print) SARAH CHAPMAN

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 10/29/2019

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 \*\***



## Pure Gold MDP1 29-17 Federal Com 4H Wellbore Diagram

Elevation: GL 3357'

API: 30-015-45648

17-1/2" hole – 13-3/8" 45.5# J-55 csg  
Set @ 670'

12-1/4" hole – 9-5/8" 43.5# HCL-80 BTC csg  
Set @ 4210'

8-1/2" hole – 7-5/8" 26.4# HC-80 FJ/SF csg  
Set @ 9015'

6-3/4" hole – 5-1/2" 20# P-110 SF TORQ/DQX csg  
Set @ 22990'

Frac'd 9966'-22900"  
54 stages

\*Note: Diagram not to scale

PBTD – 22943' MD  
TD – 22990' MD/9861' TVD