

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

Form C-104  
Revised August 1, 2011

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED  
JUN 20 2018

Submit one copy to appropriate District Office

DISTRICT II-ARTESIA O.C.D. RECOMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|   |  |                                    |
|---|--|------------------------------------|
| <sup>1</sup> Operator name and Address<br>OXY USA Inc.<br>P.O. Box 50250<br>Midland, TX 79710 |  | <sup>2</sup> OGRID Number<br>16696 |
| <sup>3</sup> Reason for Filing Code/ Effective Date- NW                                       |  |                                    |
| <sup>4</sup> API Number<br>30 - 015-44369   | <sup>5</sup> Pool Name<br>COTTON DRAW; BONE SPRING         | <sup>6</sup> Pool Code<br>13367    |
| <sup>7</sup> Property Code<br>318942  | <sup>8</sup> Property Name<br>SUNRISE MDPI 8-5 FEDERAL COM | <sup>9</sup> Well Number<br>1H     |

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

|                    |              |                 |              |         |                       |                           |                       |                        |                |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no.<br>M | Section<br>8 | Township<br>24S | Range<br>31E | Lot Idn | Feet from the<br>170' | North/South Line<br>SOUTH | Feet from the<br>816' | East/West line<br>WEST | County<br>EDDY |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location TP: 343 FSL 420 FWL, BP: 365 FNL 391 FWL

|                             |   |   |                                   |                                    |                                     |                           |                       |                        |                |
|-----------------------------|---|---|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no.<br>4          | Section<br>5                                | Township<br>24S                                 | Range<br>31E                      | Lot Idn                            | Feet from the<br>200'               | North/South line<br>NORTH | Feet from the<br>391' | East/West line<br>WEST | County<br>EDDY |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>F | <sup>14</sup> Gas Connection<br>Date<br>3-28-18 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                           |                       |                        |                |

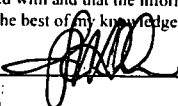
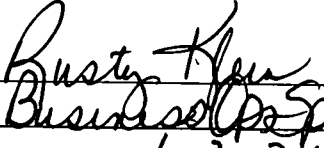
III. Oil and Gas Transporters

|                                    |   |                     |
|------------------------------------|---|---------------------|
| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address | <sup>20</sup> O/G/W |
|                                    | GREAT LAKES PETROLEUM TRANSPORTATION, LLC     | O                   |
| 151168                             | ENTERPRISE FIELD SERVICES                     | G                   |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |

IV. Well Completion Data

|                                    |                                       |                                    |                                      |  |                       |
|------------------------------------|---------------------------------------|------------------------------------|--------------------------------------|--|-----------------------|
| <sup>21</sup> Spud Date<br>11/2/17 | <sup>22</sup> Ready Date<br>3/26/2018 | <sup>23</sup> TD<br>20405'M 9941'V | <sup>24</sup> PBDT<br>20337'M 9942'V | <sup>25</sup> Perforations<br>10370-20250' | <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"                               | 671'                               | 815                                  |  |                       |
| 12-1/4"                            | 9-5/8"                                | 4418'                              | 1230                                 |  |                       |
| 8-1/2"                             | 5-1/2"                                | 20389'                             | 2940                                 |  |                       |
|                                    |                                       |                                    |                                      |  |                       |

V. Well Test Data

|  |  |                                   |   |                             |                                     |
|--|--|-----------------------------------|---|-----------------------------|-------------------------------------|
| <sup>31</sup> Date New Oil<br>3/28/18  | <sup>32</sup> Gas Delivery Date<br>3/28/18 | <sup>33</sup> Test Date<br>4/1/18 | <sup>34</sup> Test Length<br>24 hrs.  | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>1380 |
| <sup>37</sup> Choke Size<br>82/128   | <sup>38</sup> Oil<br>3376                  | <sup>39</sup> Water<br>4611       | <sup>40</sup> Gas<br>4104   |                             | <sup>41</sup> Test Method<br>F      |
| <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.<br>Signature:  |  |                                   | OIL CONSERVATION DIVISION   |                             |                                     |
| Printed name:<br>Jana Mendiola   |  |                                   | Approved by:  |                             |                                     |
| Title:<br>Regulatory Specialist  |  |                                   | Title:<br>Business Operations Spec A  |                             |                                     |
| E-mail Address:<br>janafyn_mendiola@oxy.com  |  |                                   | Approval Date:<br>6-30-2018   |                             |                                     |
| Date:<br>6/15/18   |  | Phone:<br>432-685-5936            |   |                             |                                     |

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JUN 20 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Use Serial No.  
NMNM63757

**1a. Type of Well** ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

**b. Type of Completion** ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

**2. Name of Operator** OXY USA INC. **Contact:** JANA MENDIOLA  
**E-Mail:** janalyn\_mendiola@oxy.com

**3. Address** P.O. BOX 50250  
MIDLAND, TX 79710 **3a. Phone No. (include area code)** Ph: 432-685-5936

**4. Location of Well (Report location clearly and in accordance with Federal requirements)\***  
At surface SWSW 170FSL 816FWL 32.225060 N Lat, 103.805751 W Lon  
At top prod interval reported below SWSW 343FSL 420FWL 32.225527 N Lat, 103.806966 W Lon  
At total depth NWNW 200FNL 391FWL 32.253163 N Lat, 103.806922 W Lon

**6. If Indian, Allottee or Tribe Name**

**7. Unit or CA Agreement Name and No.**

**8. Lease Name and Well No.** SUNRISE MDP1 8-5 FEDERAL COM 1H

**9. API Well No.** 30-015-44369

**10. Field and Pool, or Exploratory** COTTON DRAW; BONE SPRING

**11. Sec., T., R., M., or Block and Survey or Area** Sec 8 T24S R31E Mer NMP

**12. County or Parish** EDDY **13. State** NM

**14. Date Spudded** 11/02/2017 **15. Date T.D. Reached** 02/23/2018 **16. Date Completed** ☐ D & A ☒ Ready to Prod. 03/26/2018

**17. Elevations (DF, KB, RT, GL)\*** 3529 GL

**18. Total Depth:** MD 20405 TVD 9941 **19. Plug Back T.D.:** MD 20337 TVD 9942 **20. Depth Bridge Plug Set:** MD TVD

**21. Type Electric & Other Mechanical Logs Run (Submit copy of each)** MUD LOG

**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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 J55 | 54.5        | 0        | 671         |                      | 815                         | 191               | 0           |               |
| 12.250    | 9.625 L80  | 47.0        | 0        | 4418        |                      | 1230                        | 396               | 0           |               |
| 8.500     | 5.500 P110 | 20.0        | 0        | 20389       |                      | 2940                        | 896               | 1644        |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

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) 2ND BONE SPRINGS | 10370 | 20250  | 10370 TO 20250      | 0.420 | 1440      | ACTIVE       |
| B)                  |       |        |                     |       |           |              |
| C)                  |       |        |                     |       |           |              |
| D)                  |       |        |                     |       |           |              |

26. Perforation Record

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

| Depth Interval | Amount and Type of Material                                  |
|----------------|--|
| 10370 TO 20250 | 14727720G SLICKWATER + 46326G 7.5% HCL ACID W/18055400# 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| 03/28/2018          | 04/01/2018        | 24           | →               | 3376.0  | 4104.0  | 4611.0    |                      |             | 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 |                   |
| 82/128              | SI                | 1380.0       | →               | 3376    | 4104    | 4611      | 1216                 | 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 #424301 VERIFIED BY THE BLM WELL INFORMATION

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMIT

Pending BLM approvals will subsequently be reviewed and scanned

6-30-2018  
yf

## 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          | Thg Press Flwg St | 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          | Thg Press Flwg St | 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      | 4336 | 5257   | OIL, GAS, WATER              | RUSTLER       | 620             |
| CHERRY CANYON    | 5258 | 6492   | OIL, GAS, WATER              | SALADO        | 964             |
| BRUSHY CANYON    | 6493 | 8214   | OIL, GAS, WATER              | CASTILE       | 2836            |
| BONE SPRING      | 8215 | 9209   | OIL, GAS, WATER              | DELAWARE      | 4315            |
| 1ST BONE SPRINGS | 9210 | 9884   | OIL, GAS, WATER              | BELL CANYON   | 4336            |
| 2ND BONE SPRINGS | 9885 | 9942   | OIL, GAS, WATER              | CHERRY CANYON | 5258            |
|                  |      |        |                              | BRUSHY CANYON | 6493            |
|                  |      |        |                              | BONE SPRING   | 8215            |

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

1ST BONE SPRINGS 9210'M  
2ND BONE SPRINGS 9885'M

Logs were mailed 6/15/18.

## 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 #424301 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 06/15/2018

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 \*\*

**Additional data for transaction #424301 that would not fit on the form**

**32. Additional remarks, continued**

Log Header, Directional Survey (certified copy to follow), As-Drilled Amended C-102 plat  
& WBD are attached.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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.*5. Lease Serial No.  
NMNM63757

6. Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit or CA/Agreement, Name and/or No

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
SUNRISE MDP1 8-5 FEDERAL COM 1H2. Name of Operator  
OXY USA INC.Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com9. API Well No.  
30-015-443693a. Address  
P.O. BOX 50250  
MIDLAND, TX 797103b. Phone No. (include area code)  
Ph: 432-685-593610. Field and Pool or Exploratory Area  
COTTON DRAW; BONE SPRING

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

Sec 8 T24S R31E Mer NMP SWSW 170FSL 816FWL  
32.225060 N Lat, 103.805751 W Lon11. County or Parish, State  
EDDY 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 |
|   | <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 3/2/18, RIH & clean out to PBTD @ 20337', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 20250-20050, 20033-19829, 19812-19609, 19593-19390, 19373-19170, 19153-18949, 18932-18729, 18713-18509, 18491-18291, 18273-18069, 18053-17851, 17833-17629, 17613-17410, 17393-17190, 17173-16970, 16953-16750, 16733-16530, 16513-16310, 16293-16090, 16073-15870, 15853-15650, 15633-15430, 15413-15210, 15193-14990, 14973-14770, 14753-14550, 14533-14330, 14313-14110, 14093-13890, 13873-13670, 13653-13450, 13433-13230, 13213-13010, 12993-12790, 12773-12570, 12553-12350, 12333-12130, 12113-11910, 11893-11690, 11673-11470, 11453-11250, 11233-11030, 11013-10810, 10793-10590, 10573-10370' Total 1440 holes. Frac in 45 stages w/ 14727720g Slick Water + 46326g 7.5% HCl acid w/ 18055400# sand, RD Schlumberger 3/21/18. RIH & clean out, flow to clean up and test well for potential.

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JUN 20 2018

DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #424302 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 06/15/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Agency of the United

(Instructions on page 2)

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

OXY USA Inc.

Sunrise MDP1 8-5 Federal Com 1H

API No. 30-015-44369

17-1/2" hole @ 671'  
13-3/8" csg @ 671'  
w/ 815sx-TOC-Surf Circ.

12-1/4" hole @ 4434'  
9-5/8" csg @ 4418'  
w/ 1230sx-TOC-Surf Circ.

8-1/2" hole @ 20405'  
5-1/2" csg @ 20389'  
w/ 2940sx-TOC-1644' CBL

Perfs @ 10370-20250'

TD- 20405'M 9941'V