

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

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

|                                                                                             |  |                                                           |  |                                                                        |                                 |
|---------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|--|------------------------------------------------------------------------|---------------------------------|
| <sup>1</sup> Operator name and Address<br>OXY USA INC.<br>PO BOX 50250<br>MIDLAND, TX 79710 |  |                                                           |  | <sup>2</sup> OGRID Number<br>16696                                     |                                 |
|                                                                                             |  |                                                           |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW - 12/24/2022 |                                 |
| <sup>4</sup> API Number<br>30 - 025-48282                                                   |  | <sup>5</sup> Pool Name<br>Bilbrey Basin Bonespring, South |  |                                                                        | <sup>6</sup> Pool Code<br>97366 |
| <sup>7</sup> Property Code<br>332769                                                        |  | <sup>8</sup> Property Name<br>Dr Pi Federal Unit 17 8 DA  |  |                                                                        | <sup>9</sup> Well Number<br>21H |

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 |
| M             | 17      | 22S      | 32E   |         | 530           | South            | 1075          | West           | Lea    |

<sup>11</sup> Bottom Hole Location

|                             |                                             |                                                    |                                   |         |                                    |                  |                                     |                |        |
|-----------------------------|---------------------------------------------|----------------------------------------------------|-----------------------------------|---------|------------------------------------|------------------|-------------------------------------|----------------|--------|
| UL or lot no.               | Section                                     | Township                                           | Range                             | Lot Idn | Feet from the                      | North/South line | Feet from the                       | East/West line | County |
| D                           | 8                                           | 22S                                                | 32E                               |         | 52                                 | North            | 453                                 | West           | Lea    |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>F | <sup>14</sup> Gas Connection<br>Date<br>12/24/2022 | <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

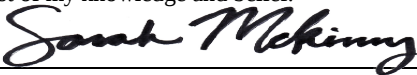
|                                    |                                               |                     |
|------------------------------------|-----------------------------------------------|---------------------|
| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address | <sup>20</sup> O/G/W |
| 237722                             | Centerion Pipeline, L.P.                      | O                   |
|                                    |                                               |                     |
| 248749                             | DCP Midstream, LP                             | G                   |
|                                    |                                               |                     |
|                                    |                                               |                     |
|                                    |                                               |                     |
|                                    |                                               |                     |

IV. Well Completion Data

|                                       |                                        |                                         |                                           |                                           |                            |
|---------------------------------------|----------------------------------------|-----------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------|
| <sup>21</sup> Spud Date<br>10/08/2022 | <sup>22</sup> Ready Date<br>12/24/2022 | <sup>23</sup> TD<br>21237 MD, 10637 TVD | <sup>24</sup> PBTD<br>21200 MD, 10638 TVD | <sup>25</sup> Perforations<br>10852-21078 | <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" 54.5# J55                       |                                           | 928'                                      | 1519sx- TOC 0'             |
| 12 1/4"                               |                                        | 9 5/8" 40# HCL 80                       |                                           | 6495'                                     | 1403sx - TOC 0'            |
| 8 3/4"                                |                                        | 5 1/2" 20# P110                         |                                           | 21220'                                    | 3386sx - TOC 5356'         |
| 5 1/2"                                |                                        | 2 3/8" tubing                           |                                           | 10582'                                    | N/A                        |

V. Well Test Data

|                                          |                                               |                                       |                                       |                                     |                                      |
|------------------------------------------|-----------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>12/31/2022 | <sup>32</sup> Gas Delivery Date<br>12/31/2022 | <sup>33</sup> Test Date<br>01/26/2023 | <sup>34</sup> Test Length<br>24 hours | <sup>35</sup> Tbg. Pressure<br>2281 | <sup>36</sup> Csg. Pressure<br>247   |
| <sup>37</sup> Choke Size<br>0            | <sup>38</sup> Oil<br>1354                     | <sup>39</sup> Water<br>3302           | <sup>40</sup> Gas<br>1322             |                                     | <sup>41</sup> Test Method<br>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.<br>Signature:  |                     | OIL CONSERVATION DIVISION             |  |
| Printed name: Sarah McKinney                                                                                                                                                                                                                                                                               |                     | Approved by: <i>PATRICIA MARTINEZ</i> |  |
| Title: Regulatory Analyst Sr.                                                                                                                                                                                                                                                                              |                     | Title: <i>PETROLEUM SPECIALIST</i>    |  |
| E-mail Address: sarah_mckinney@oxy.com                                                                                                                                                                                                                                                                     |                     | Approval Date: <i>4/21/2023</i>       |  |
| Date: 03/02/2023                                                                                                                                                                                                                                                                                           | Phone: 713-215-7295 |                                       |  |

1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

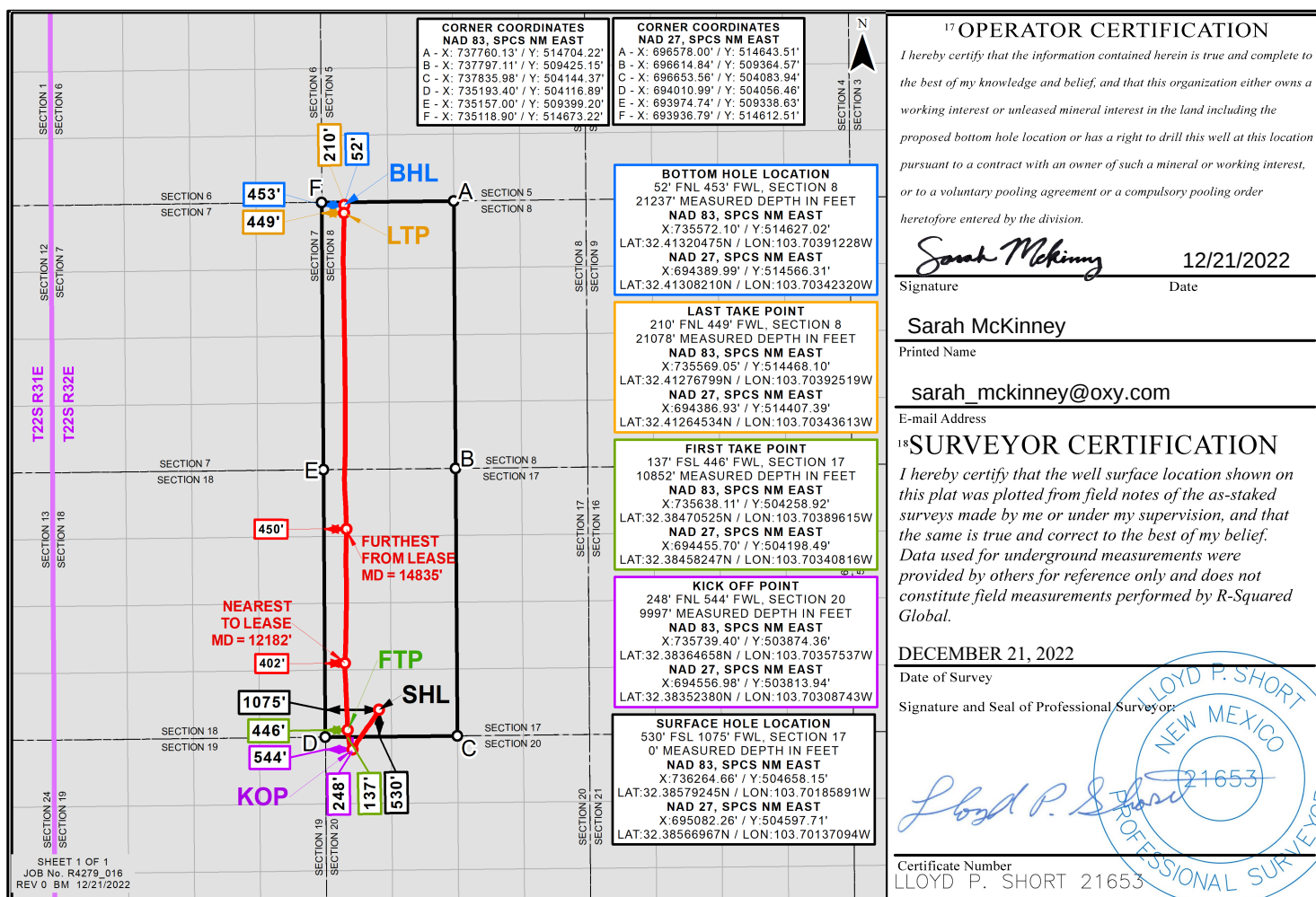
**WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT**

|                                                |                                                    |                                                                    |
|------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-48282</b> | <sup>2</sup> Pool Code<br><b>97366</b>             | <sup>3</sup> Pool Name<br><b>BILBREY BASIN; BONE SPRING, SOUTH</b> |
| <sup>4</sup> Property Code<br><b>332769</b>    | Property Name<br><b>DR PI FEDERAL UNIT 17_8 DA</b> |                                                                    |
| <sup>7</sup> OGRID No.<br><b>16696</b>         | <sup>8</sup> Operator Name<br><b>OXY USA INC.</b>  | <sup>6</sup> Well Number<br><b>21H</b>                             |
|                                                |                                                    | <sup>9</sup> Elevation<br><b>3690'</b>                             |

<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     |
|--------------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>M</b>                                                     | <b>17</b>                     | <b>22S</b>                       | <b>32E</b>              |         | <b>530</b>    | <b>SOUTH</b>     | <b>1075</b>   | <b>WEST</b>    | <b>LEA</b> |
| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |                                  |                         |         |               |                  |               |                |            |
| UL or lot no.                                                | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
| <b>D</b>                                                     | <b>8</b>                      | <b>22S</b>                       | <b>32E</b>              |         | <b>52</b>     | <b>NORTH</b>     | <b>453</b>    | <b>WEST</b>    | <b>LEA</b> |
| <sup>12</sup> Dedicated Acres<br><b>640.0</b>                | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |               |                  |               |                |            |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.99995379 Convergence Angle: 00°20'34.080000"



## **OXY USA INC.**

**Lea County, NM (NAD83-NME)**

**Dr Pi Fed Unit 17\_8 DA**

**Dr Pi Fed Unit 17\_8 DA 21H**

**OH / 70782**

**Design: Surveys (H&P 466)**

## **Standard Survey Report**

**08 December, 2022**





|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

|                    |                            |                      |                |
|--------------------|----------------------------|----------------------|----------------|
| <b>Project</b>     | Lea County, NM (NAD83-NME) |                      |                |
| <b>Map System:</b> | US State Plane 1983        | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983  |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone    |                      |                |

|                              |                        |                          |                      |
|------------------------------|------------------------|--------------------------|----------------------|
| <b>Site</b>                  | Dr Pi Fed Unit 17_8 DA |                          |                      |
| <b>Site Position:</b>        |                        | <b>Northing:</b>         | 504,610.59 usft      |
| <b>From:</b>                 | Map                    | <b>Easting:</b>          | 738,908.99 usft      |
| <b>Position Uncertainty:</b> | 1.00 usft              | <b>Slot Radius:</b>      | 13-3/16 "            |
|                              |                        | <b>Latitude:</b>         | 32° 23' 8.226697 N   |
|                              |                        | <b>Longitude:</b>        | 103° 41' 35.857943 W |
|                              |                        | <b>Grid Convergence:</b> | 0.343 °              |

|                             |                            |                            |                                       |
|-----------------------------|----------------------------|----------------------------|---------------------------------------|
| <b>Well</b>                 | Dr Pi Fed Unit 17_8 DA 21H |                            |                                       |
| <b>Well Position</b>        | <b>+N/-S</b>               | 0.00 usft                  | <b>Northing:</b> 504,658.15 usft      |
|                             | <b>+E/-W</b>               | 0.00 usft                  | <b>Easting:</b> 736,264.66 usft       |
| <b>Position Uncertainty</b> | 1.00 usft                  |                            | <b>Latitude:</b> 32° 23' 8.852831 N   |
|                             |                            |                            | <b>Longitude:</b> 103° 42' 6.692071 W |
|                             |                            | <b>Wellhead Elevation:</b> | usft                                  |
|                             |                            | <b>Ground Level:</b>       | 3,690.40 usft                         |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH / 70782        |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IFR               | 10/18/2022         | 6.681                  | 60.133               | 47,796.70000000            |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <b>Design</b>            | Surveys (H&P 466)              |                     |                     |                      |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |      |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                           | 0.00                | 0.00                | 355.96               |      |

|                       |                  |                                           |                    |                                                |  |
|-----------------------|------------------|-------------------------------------------|--------------------|------------------------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 12/8/2022                                 |                    |                                                |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>                  | <b>Tool Name</b>   | <b>Description</b>                             |  |
| 25.00                 | 916.67           | Gyrodata Gyro Surveys (OH / 70782)        | GYD_G003_GC+DROP+  | Gyrodata Stationary Tool drop on BHA on open h |  |
| 1,007.00              | 21,237.00        | Phoenix MWD Surveys - SQC R5 (OH / 70782) | SQC_C705a_MWD+IFR1 | OWSG MWD + IFR1 + Sag + FDIR Correction        |  |

|                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <b>Survey</b>                |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |  |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |  |
| 25.00                        | 0.00                   | 0.00               | 25.00                        | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |  |
| 176.98                       | 0.88                   | 319.56             | 176.97                       | 0.89                | -0.76               | 0.94                           | 0.58                           | 0.58                          | 0.00                         |  |
| 265.45                       | 0.73                   | 334.05             | 265.44                       | 1.91                | -1.44               | 2.01                           | 0.28                           | -0.17                         | 16.38                        |  |
| 359.71                       | 0.64                   | 338.32             | 359.69                       | 2.94                | -1.90               | 3.07                           | 0.11                           | -0.10                         | 4.53                         |  |
| 453.92                       | 0.49                   | 334.94             | 453.89                       | 3.80                | -2.27               | 3.95                           | 0.16                           | -0.16                         | -3.59                        |  |
| 548.22                       | 0.31                   | 337.78             | 548.19                       | 4.40                | -2.53               | 4.56                           | 0.19                           | -0.19                         | 3.01                         |  |
| 642.41                       | 0.06                   | 261.22             | 642.38                       | 4.62                | -2.68               | 4.80                           | 0.32                           | -0.27                         | -81.28                       |  |
| 736.70                       | 0.32                   | 289.52             | 736.67                       | 4.71                | -2.98               | 4.90                           | 0.28                           | 0.28                          | 30.01                        |  |
| 831.00                       | 0.58                   | 303.36             | 830.97                       | 5.06                | -3.62               | 5.30                           | 0.30                           | 0.28                          | 14.68                        |  |



# Phoenix Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

## Survey

| Measured Depth (usft)           | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 916.67                          | 0.72            | 316.46      | 916.63                | 5.68         | -4.36        | 5.98                    | 0.24                    | 0.16                   | 15.29                 |
| <b>Tie In</b>                   |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,007.00                        | 0.45            | 333.88      | 1,006.96              | 6.41         | -4.90        | 6.74                    | 0.35                    | -0.30                  | 19.28                 |
| <b>First Phoenix MWD Survey</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,102.00                        | 0.49            | 349.92      | 1,101.95              | 7.15         | -5.14        | 7.49                    | 0.14                    | 0.04                   | 16.88                 |
| 1,197.00                        | 0.53            | 336.39      | 1,196.95              | 7.95         | -5.39        | 8.31                    | 0.13                    | 0.04                   | -14.24                |
| 1,292.00                        | 0.46            | 322.52      | 1,291.95              | 8.66         | -5.79        | 9.04                    | 0.15                    | -0.07                  | -14.60                |
| 1,386.00                        | 0.17            | 309.44      | 1,385.95              | 9.04         | -6.13        | 9.45                    | 0.32                    | -0.31                  | -13.91                |
| 1,481.00                        | 0.21            | 276.51      | 1,480.95              | 9.15         | -6.41        | 9.58                    | 0.12                    | 0.04                   | -34.66                |
| 1,576.00                        | 0.17            | 343.73      | 1,575.94              | 9.31         | -6.62        | 9.75                    | 0.22                    | -0.04                  | 70.76                 |
| 1,670.00                        | 0.14            | 331.81      | 1,669.94              | 9.54         | -6.72        | 9.99                    | 0.05                    | -0.03                  | -12.68                |
| 1,765.00                        | 0.34            | 247.39      | 1,764.94              | 9.54         | -7.03        | 10.01                   | 0.37                    | 0.21                   | -88.86                |
| 1,860.00                        | 0.22            | 306.04      | 1,859.94              | 9.54         | -7.44        | 10.04                   | 0.31                    | -0.13                  | 61.74                 |
| 1,954.00                        | 0.20            | 300.62      | 1,953.94              | 9.73         | -7.73        | 10.25                   | 0.03                    | -0.02                  | -5.77                 |
| 2,049.00                        | 0.16            | 324.14      | 2,048.94              | 9.92         | -7.95        | 10.45                   | 0.09                    | -0.04                  | 24.76                 |
| 2,144.00                        | 0.25            | 164.48      | 2,143.94              | 9.83         | -7.97        | 10.36                   | 0.43                    | 0.09                   | -168.06               |
| 2,239.00                        | 0.15            | 252.51      | 2,238.94              | 9.59         | -8.03        | 10.13                   | 0.30                    | -0.11                  | 92.66                 |
| 2,333.00                        | 0.28            | 118.28      | 2,332.94              | 9.44         | -7.95        | 9.98                    | 0.42                    | 0.14                   | -142.80               |
| 2,428.00                        | 0.11            | 86.19       | 2,427.94              | 9.34         | -7.65        | 9.86                    | 0.21                    | -0.18                  | -33.78                |
| 2,618.00                        | 0.35            | 124.43      | 2,617.94              | 9.02         | -6.99        | 9.49                    | 0.14                    | 0.13                   | 20.13                 |
| 2,713.00                        | 0.34            | 55.67       | 2,712.94              | 9.02         | -6.52        | 9.46                    | 0.41                    | -0.01                  | -72.38                |
| 2,808.00                        | 0.58            | 85.70       | 2,807.93              | 9.21         | -5.81        | 9.60                    | 0.35                    | 0.25                   | 31.61                 |
| 2,997.00                        | 0.86            | 67.23       | 2,996.92              | 9.83         | -3.55        | 10.06                   | 0.19                    | 0.15                   | -9.77                 |
| 3,092.00                        | 0.90            | 69.48       | 3,091.91              | 10.37        | -2.19        | 10.50                   | 0.06                    | 0.04                   | 2.37                  |
| 3,187.00                        | 0.85            | 60.55       | 3,186.90              | 10.98        | -0.88        | 11.01                   | 0.15                    | -0.05                  | -9.40                 |
| 3,281.00                        | 0.74            | 75.03       | 3,280.89              | 11.48        | 0.32         | 11.43                   | 0.24                    | -0.12                  | 15.40                 |
| 3,471.00                        | 1.17            | 212.27      | 3,470.88              | 10.16        | 0.46         | 10.10                   | 0.94                    | 0.23                   | 72.23                 |
| 3,566.00                        | 1.09            | 217.45      | 3,565.86              | 8.62         | -0.60        | 8.64                    | 0.14                    | -0.08                  | 5.45                  |
| 3,660.00                        | 1.04            | 207.05      | 3,659.84              | 7.15         | -1.53        | 7.24                    | 0.21                    | -0.05                  | -11.06                |
| 3,755.00                        | 1.05            | 179.15      | 3,754.83              | 5.51         | -1.91        | 5.63                    | 0.53                    | 0.01                   | -29.37                |
| 3,850.00                        | 1.61            | 167.28      | 3,849.80              | 3.34         | -1.61        | 3.44                    | 0.65                    | 0.59                   | -12.49                |
| 3,945.00                        | 0.98            | 171.48      | 3,944.78              | 1.23         | -1.19        | 1.31                    | 0.67                    | -0.66                  | 4.42                  |
| 4,039.00                        | 0.19            | 270.89      | 4,038.77              | 0.44         | -1.23        | 0.53                    | 1.09                    | -0.84                  | 105.76                |
| 4,134.00                        | 0.73            | 120.13      | 4,133.77              | 0.14         | -0.86        | 0.20                    | 0.95                    | 0.57                   | -158.69               |
| 4,229.00                        | 0.99            | 135.31      | 4,228.76              | -0.75        | 0.24         | -0.76                   | 0.36                    | 0.27                   | 15.98                 |
| 4,418.00                        | 0.22            | 194.48      | 4,417.75              | -2.26        | 1.30         | -2.35                   | 0.47                    | -0.41                  | 31.31                 |
| 4,513.00                        | 0.56            | 108.16      | 4,512.75              | -2.58        | 1.69         | -2.69                   | 0.62                    | 0.36                   | -90.86                |
| 4,607.00                        | 0.73            | 190.49      | 4,606.74              | -3.31        | 2.02         | -3.45                   | 0.91                    | 0.18                   | 87.59                 |
| 4,702.00                        | 2.24            | 198.67      | 4,701.71              | -5.67        | 1.31         | -5.75                   | 1.60                    | 1.59                   | 8.61                  |
| 4,797.00                        | 3.70            | 201.94      | 4,796.58              | -10.27       | -0.43        | -10.21                  | 1.55                    | 1.54                   | 3.44                  |
| 4,892.00                        | 4.84            | 208.74      | 4,891.31              | -16.63       | -3.50        | -16.34                  | 1.31                    | 1.20                   | 7.16                  |
| 4,986.00                        | 5.28            | 211.64      | 4,984.95              | -23.79       | -7.67        | -23.19                  | 0.54                    | 0.47                   | 3.09                  |
| 5,081.00                        | 5.66            | 214.95      | 5,079.51              | -31.35       | -12.65       | -30.38                  | 0.52                    | 0.40                   | 3.48                  |

# Phoenix

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,176.00              | 6.76            | 214.66      | 5,173.95              | -39.79       | -18.51       | -38.38                  | 1.16                    | 1.16                   | -0.31                 |
| 5,271.00              | 7.52            | 212.64      | 5,268.22              | -49.62       | -25.05       | -47.73                  | 0.84                    | 0.80                   | -2.13                 |
| 5,365.00              | 8.69            | 213.18      | 5,361.28              | -60.74       | -32.25       | -58.32                  | 1.25                    | 1.24                   | 0.57                  |
| 5,460.00              | 9.54            | 212.07      | 5,455.08              | -73.42       | -40.36       | -70.40                  | 0.91                    | 0.89                   | -1.17                 |
| 5,555.00              | 8.78            | 210.37      | 5,548.86              | -86.35       | -48.20       | -82.74                  | 0.85                    | -0.80                  | -1.79                 |
| 5,650.00              | 8.60            | 213.53      | 5,642.77              | -98.53       | -55.79       | -94.35                  | 0.54                    | -0.19                  | 3.33                  |
| 5,744.00              | 8.37            | 213.33      | 5,735.74              | -110.10      | -63.44       | -105.36                 | 0.25                    | -0.24                  | -0.21                 |
| 5,839.00              | 8.35            | 212.65      | 5,829.74              | -121.69      | -70.96       | -116.39                 | 0.11                    | -0.02                  | -0.72                 |
| 5,934.00              | 8.48            | 213.39      | 5,923.71              | -133.34      | -78.53       | -127.48                 | 0.18                    | 0.14                   | 0.78                  |
| 6,028.00              | 8.66            | 215.11      | 6,016.66              | -144.92      | -86.42       | -138.48                 | 0.33                    | 0.19                   | 1.83                  |
| 6,123.00              | 8.80            | 215.73      | 6,110.56              | -156.67      | -94.77       | -149.61                 | 0.18                    | 0.15                   | 0.65                  |
| 6,218.00              | 10.02           | 215.02      | 6,204.28              | -169.34      | -103.76      | -161.61                 | 1.29                    | 1.28                   | -0.75                 |
| 6,313.00              | 9.37            | 214.93      | 6,297.92              | -182.44      | -112.93      | -174.04                 | 0.68                    | -0.68                  | -0.09                 |
| 6,408.00              | 9.60            | 214.02      | 6,391.63              | -195.35      | -121.79      | -186.29                 | 0.29                    | 0.24                   | -0.96                 |
| 6,444.00              | 10.12           | 213.23      | 6,427.09              | -200.48      | -125.20      | -191.17                 | 1.49                    | 1.44                   | -2.19                 |
| 6,569.00              | 10.40           | 213.08      | 6,550.10              | -219.12      | -137.38      | -208.91                 | 0.23                    | 0.22                   | -0.12                 |
| 6,664.00              | 10.67           | 213.09      | 6,643.49              | -233.68      | -146.86      | -222.76                 | 0.28                    | 0.28                   | 0.01                  |
| 6,759.00              | 10.98           | 214.23      | 6,736.80              | -248.53      | -156.75      | -236.88                 | 0.40                    | 0.33                   | 1.20                  |
| 6,853.00              | 11.58           | 216.13      | 6,828.99              | -263.55      | -167.35      | -251.11                 | 0.75                    | 0.64                   | 2.02                  |
| 6,948.00              | 11.59           | 217.74      | 6,922.05              | -278.79      | -178.81      | -265.52                 | 0.34                    | 0.01                   | 1.69                  |
| 7,043.00              | 11.90           | 220.84      | 7,015.06              | -293.75      | -191.06      | -279.58                 | 0.74                    | 0.33                   | 3.26                  |
| 7,138.00              | 11.78           | 221.79      | 7,108.04              | -308.39      | -203.93      | -293.27                 | 0.24                    | -0.13                  | 1.00                  |
| 7,232.00              | 12.20           | 223.61      | 7,199.99              | -322.74      | -217.17      | -306.65                 | 0.60                    | 0.45                   | 1.94                  |
| 7,327.00              | 11.86           | 214.80      | 7,292.91              | -338.02      | -229.67      | -321.02                 | 1.96                    | -0.36                  | -9.27                 |
| 7,422.00              | 11.63           | 212.58      | 7,385.93              | -354.11      | -240.40      | -336.31                 | 0.53                    | -0.24                  | -2.34                 |
| 7,517.00              | 11.69           | 213.04      | 7,478.97              | -370.25      | -250.80      | -351.67                 | 0.12                    | 0.06                   | 0.48                  |
| 7,611.00              | 11.98           | 214.02      | 7,570.97              | -386.31      | -261.45      | -366.95                 | 0.38                    | 0.31                   | 1.04                  |
| 7,706.00              | 11.77           | 214.21      | 7,663.93              | -402.50      | -272.42      | -382.33                 | 0.22                    | -0.22                  | 0.20                  |
| 7,801.00              | 11.90           | 214.95      | 7,756.91              | -418.54      | -283.47      | -397.55                 | 0.21                    | 0.14                   | 0.78                  |
| 7,895.00              | 11.80           | 214.68      | 7,848.91              | -434.39      | -294.49      | -412.58                 | 0.12                    | -0.11                  | -0.29                 |
| 7,990.00              | 11.95           | 216.42      | 7,941.88              | -450.29      | -305.86      | -427.65                 | 0.41                    | 0.16                   | 1.83                  |
| 8,085.00              | 11.98           | 215.93      | 8,034.81              | -466.19      | -317.49      | -442.69                 | 0.11                    | 0.03                   | -0.52                 |
| 8,180.00              | 11.90           | 215.15      | 8,127.76              | -482.18      | -328.91      | -457.83                 | 0.19                    | -0.08                  | -0.82                 |
| 8,274.00              | 12.02           | 215.75      | 8,219.72              | -498.05      | -340.21      | -472.87                 | 0.18                    | 0.13                   | 0.64                  |
| 8,369.00              | 11.81           | 214.51      | 8,312.67              | -514.09      | -351.50      | -488.07                 | 0.35                    | -0.22                  | -1.31                 |
| 8,464.00              | 11.84           | 213.63      | 8,405.66              | -530.21      | -362.40      | -503.39                 | 0.19                    | 0.03                   | -0.93                 |
| 8,559.00              | 11.49           | 212.90      | 8,498.69              | -546.27      | -372.94      | -518.67                 | 0.40                    | -0.37                  | -0.77                 |
| 8,653.00              | 11.67           | 212.10      | 8,590.78              | -562.19      | -383.08      | -533.83                 | 0.26                    | 0.19                   | -0.85                 |
| 8,748.00              | 11.62           | 215.18      | 8,683.83              | -578.15      | -393.69      | -549.00                 | 0.66                    | -0.05                  | 3.24                  |
| 8,843.00              | 10.91           | 218.76      | 8,777.00              | -592.98      | -404.83      | -563.01                 | 1.05                    | -0.75                  | 3.77                  |
| 8,938.00              | 10.99           | 221.19      | 8,870.27              | -606.80      | -416.43      | -575.99                 | 0.49                    | 0.08                   | 2.56                  |
| 9,032.00              | 11.63           | 213.40      | 8,962.45              | -621.45      | -427.54      | -589.82                 | 1.76                    | 0.68                   | -8.29                 |
| 9,127.00              | 11.28           | 205.93      | 9,055.56              | -637.81      | -436.88      | -605.47                 | 1.60                    | -0.37                  | -7.86                 |
| 9,222.00              | 11.52           | 202.66      | 9,148.69              | -654.92      | -444.60      | -622.00                 | 0.73                    | 0.25                   | -3.44                 |



# Phoenix Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

## Survey

| Measured Depth (usft)                             | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 9,316.00                                          | 11.35           | 198.65      | 9,240.82              | -672.34      | -451.17      | -638.92                 | 0.86                    | -0.18                  | -4.27                 |
| 9,411.00                                          | 11.10           | 203.84      | 9,334.01              | -689.56      | -457.86      | -655.63                 | 1.10                    | -0.26                  | 5.46                  |
| 9,506.00                                          | 11.37           | 206.73      | 9,427.19              | -706.29      | -465.76      | -671.76                 | 0.66                    | 0.28                   | 3.04                  |
| 9,601.00                                          | 11.05           | 209.89      | 9,520.38              | -722.55      | -474.51      | -687.36                 | 0.73                    | -0.34                  | 3.33                  |
| 9,695.00                                          | 11.15           | 223.18      | 9,612.63              | -736.99      | -485.22      | -701.01                 | 2.72                    | 0.11                   | 14.14                 |
| 9,790.00                                          | 11.94           | 221.13      | 9,705.71              | -751.09      | -497.97      | -714.18                 | 0.94                    | 0.83                   | -2.16                 |
| 9,902.00                                          | 12.12           | 220.16      | 9,815.25              | -768.80      | -513.18      | -730.78                 | 0.24                    | 0.16                   | -0.87                 |
| 9,997.00                                          | 11.27           | 217.52      | 9,908.28              | -783.79      | -525.26      | -744.87                 | 1.06                    | -0.89                  | -2.78                 |
| 10,092.00                                         | 8.48            | 260.00      | 10,001.98             | -792.38      | -537.83      | -752.56                 | 7.98                    | -2.94                  | 44.72                 |
| 10,186.00                                         | 13.05           | 319.85      | 10,094.56             | -785.45      | -551.55      | -744.68                 | 12.13                   | 4.86                   | 63.67                 |
| 10,281.00                                         | 19.41           | 336.34      | 10,185.77             | -762.76      | -564.82      | -721.11                 | 8.21                    | 6.69                   | 17.36                 |
| 10,376.00                                         | 27.18           | 345.00      | 10,272.99             | -727.27      | -576.79      | -684.87                 | 8.92                    | 8.18                   | 9.12                  |
| 10,470.00                                         | 31.20           | 349.57      | 10,355.04             | -682.57      | -586.76      | -639.58                 | 4.89                    | 4.28                   | 4.86                  |
| 10,565.00                                         | 41.75           | 349.93      | 10,431.33             | -627.07      | -596.77      | -583.51                 | 11.11                   | 11.11                  | 0.38                  |
| 10,660.00                                         | 50.87           | 350.84      | 10,496.88             | -559.41      | -608.19      | -515.21                 | 9.62                    | 9.60                   | 0.96                  |
| 10,689.59                                         | 53.02           | 351.37      | 10,515.12             | -536.39      | -611.79      | -492.00                 | 7.39                    | 7.26                   | 1.78                  |
| <b>SL: 10689.59° MD, 53.02° Inc, 351.37° Azm</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,754.00                                         | 57.70           | 352.42      | 10,551.72             | -483.94      | -619.25      | -439.15                 | 7.39                    | 7.27                   | 1.63                  |
| 10,809.62                                         | 60.45           | 355.40      | 10,580.31             | -436.51      | -624.29      | -391.48                 | 6.75                    | 4.94                   | 5.37                  |
| <b>FTP: 10809.62° MD, 60.45° Inc, 355.40° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,849.00                                         | 62.43           | 357.42      | 10,599.14             | -401.99      | -626.45      | -356.90                 | 6.75                    | 5.04                   | 5.12                  |
| 10,944.00                                         | 71.94           | 358.38      | 10,635.93             | -314.58      | -629.63      | -269.49                 | 10.05                   | 10.01                  | 1.01                  |
| 11,038.00                                         | 78.70           | 358.16      | 10,659.74             | -223.75      | -632.38      | -178.68                 | 7.20                    | 7.19                   | -0.23                 |
| 11,133.00                                         | 84.59           | 357.28      | 10,673.54             | -129.87      | -636.12      | -84.78                  | 6.27                    | 6.20                   | -0.93                 |
| 11,228.00                                         | 87.26           | 357.41      | 10,680.29             | -35.22       | -640.51      | 9.95                    | 2.81                    | 2.81                   | 0.14                  |
| 11,331.00                                         | 87.12           | 357.24      | 10,685.34             | 67.54        | -645.31      | 112.79                  | 0.21                    | -0.14                  | -0.17                 |
| 11,426.00                                         | 87.68           | 357.25      | 10,689.65             | 162.33       | -649.87      | 207.67                  | 0.59                    | 0.59                   | 0.01                  |
| 11,520.00                                         | 88.59           | 357.33      | 10,692.71             | 256.18       | -654.31      | 301.60                  | 0.97                    | 0.97                   | 0.09                  |
| 11,615.00                                         | 88.84           | 357.20      | 10,694.84             | 351.05       | -658.84      | 396.55                  | 0.30                    | 0.26                   | -0.14                 |
| 11,710.00                                         | 88.72           | 357.65      | 10,696.86             | 445.93       | -663.11      | 491.49                  | 0.49                    | -0.13                  | 0.47                  |
| 11,804.00                                         | 88.42           | 357.03      | 10,699.21             | 539.80       | -667.47      | 585.44                  | 0.73                    | -0.32                  | -0.66                 |
| 11,899.00                                         | 88.66           | 357.20      | 10,701.63             | 634.65       | -672.25      | 680.39                  | 0.31                    | 0.25                   | 0.18                  |
| 11,993.00                                         | 89.20           | 358.33      | 10,703.38             | 728.56       | -675.92      | 774.32                  | 1.33                    | 0.57                   | 1.20                  |
| 12,088.00                                         | 89.20           | 358.79      | 10,704.71             | 823.52       | -678.30      | 869.22                  | 0.48                    | 0.00                   | 0.48                  |
| 12,182.00                                         | 89.58           | 359.76      | 10,705.71             | 917.50       | -679.49      | 963.05                  | 1.11                    | 0.40                   | 1.03                  |
| 12,277.00                                         | 90.88           | 1.53        | 10,705.33             | 1,012.49     | -678.42      | 1,057.73                | 2.31                    | 1.37                   | 1.86                  |
| 12,372.00                                         | 91.51           | 3.43        | 10,703.35             | 1,107.37     | -674.32      | 1,152.09                | 2.11                    | 0.66                   | 2.00                  |
| 12,467.00                                         | 91.38           | 3.49        | 10,700.95             | 1,202.17     | -668.58      | 1,246.25                | 0.15                    | -0.14                  | 0.06                  |
| 12,561.00                                         | 92.24           | 2.34        | 10,697.98             | 1,296.00     | -663.81      | 1,339.51                | 1.53                    | 0.91                   | -1.22                 |
| 12,656.00                                         | 91.10           | 0.99        | 10,695.21             | 1,390.92     | -661.05      | 1,433.99                | 1.86                    | -1.20                  | -1.42                 |
| 12,751.00                                         | 91.68           | 0.72        | 10,692.91             | 1,485.88     | -659.63      | 1,528.62                | 0.67                    | 0.61                   | -0.28                 |
| 12,845.00                                         | 91.25           | 0.78        | 10,690.50             | 1,579.84     | -658.40      | 1,622.26                | 0.46                    | -0.46                  | 0.06                  |
| 12,940.00                                         | 92.51           | 1.67        | 10,687.39             | 1,674.76     | -656.37      | 1,716.81                | 1.62                    | 1.33                   | 0.94                  |



# Phoenix Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

| Survey                                         |                 |             |                       |              |              |                         |                         |                        |                       |
|------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 13,035.00                                      | 91.53           | 0.41        | 10,684.04             | 1,769.68     | -654.65      | 1,811.37                | 1.68                    | -1.03                  | -1.33                 |
| 13,130.00                                      | 90.67           | 0.70        | 10,682.22             | 1,864.66     | -653.73      | 1,906.05                | 0.96                    | -0.91                  | 0.31                  |
| 13,224.00                                      | 90.41           | 0.78        | 10,681.33             | 1,958.65     | -652.51      | 1,999.72                | 0.29                    | -0.28                  | 0.09                  |
| 13,319.00                                      | 89.91           | 1.16        | 10,681.06             | 2,053.64     | -650.91      | 2,094.36                | 0.66                    | -0.53                  | 0.40                  |
| 13,414.00                                      | 89.77           | 1.04        | 10,681.33             | 2,148.62     | -649.08      | 2,188.97                | 0.19                    | -0.15                  | -0.13                 |
| 13,509.00                                      | 89.87           | 1.13        | 10,681.63             | 2,243.60     | -647.28      | 2,283.59                | 0.14                    | 0.11                   | 0.09                  |
| 13,604.00                                      | 90.31           | 359.75      | 10,681.48             | 2,338.59     | -646.55      | 2,378.30                | 1.52                    | 0.46                   | -1.45                 |
| 13,698.00                                      | 90.42           | 359.07      | 10,680.88             | 2,432.59     | -647.52      | 2,472.13                | 0.73                    | 0.12                   | -0.72                 |
| 13,793.00                                      | 90.42           | 358.24      | 10,680.18             | 2,527.56     | -649.75      | 2,567.02                | 0.87                    | 0.00                   | -0.87                 |
| 13,888.00                                      | 91.62           | 357.83      | 10,678.49             | 2,622.48     | -653.01      | 2,661.94                | 1.33                    | 1.26                   | -0.43                 |
| 13,982.00                                      | 91.47           | 357.95      | 10,675.96             | 2,716.39     | -656.47      | 2,755.86                | 0.20                    | -0.16                  | 0.13                  |
| 14,077.00                                      | 91.23           | 359.16      | 10,673.72             | 2,811.33     | -658.86      | 2,850.73                | 1.30                    | -0.25                  | 1.27                  |
| 14,172.00                                      | 90.38           | 0.11        | 10,672.39             | 2,906.31     | -659.47      | 2,945.52                | 1.34                    | -0.89                  | 1.00                  |
| 14,266.00                                      | 90.84           | 0.81        | 10,671.38             | 3,000.31     | -658.71      | 3,039.23                | 0.89                    | 0.49                   | 0.74                  |
| 14,361.00                                      | 90.75           | 1.08        | 10,670.07             | 3,095.28     | -657.15      | 3,133.86                | 0.30                    | -0.09                  | 0.28                  |
| 14,456.00                                      | 90.44           | 0.93        | 10,669.08             | 3,190.26     | -655.48      | 3,228.49                | 0.36                    | -0.33                  | -0.16                 |
| 14,551.00                                      | 90.38           | 1.44        | 10,668.40             | 3,285.24     | -653.51      | 3,323.09                | 0.54                    | -0.06                  | 0.54                  |
| 14,645.00                                      | 91.33           | 0.83        | 10,667.00             | 3,379.21     | -651.65      | 3,416.70                | 1.20                    | 1.01                   | -0.65                 |
| 14,740.00                                      | 91.37           | 0.56        | 10,664.76             | 3,474.18     | -650.50      | 3,511.35                | 0.29                    | 0.04                   | -0.28                 |
| 14,835.00                                      | 92.28           | 0.03        | 10,661.73             | 3,569.13     | -650.01      | 3,606.03                | 1.11                    | 0.96                   | -0.56                 |
| 14,930.00                                      | 89.77           | 358.12      | 10,660.03             | 3,664.09     | -651.55      | 3,700.86                | 3.32                    | -2.64                  | -2.01                 |
| 15,024.00                                      | 88.90           | 357.35      | 10,661.13             | 3,758.01     | -655.26      | 3,794.81                | 1.24                    | -0.93                  | -0.82                 |
| 15,119.00                                      | 88.87           | 358.56      | 10,662.97             | 3,852.92     | -658.65      | 3,889.73                | 1.27                    | -0.03                  | 1.27                  |
| 15,214.00                                      | 90.18           | 357.88      | 10,663.76             | 3,947.87     | -661.60      | 3,984.65                | 1.55                    | 1.38                   | -0.72                 |
| 15,308.00                                      | 89.54           | 355.00      | 10,663.99             | 4,041.68     | -667.44      | 4,078.63                | 3.14                    | -0.68                  | -3.06                 |
| 15,403.00                                      | 89.06           | 356.88      | 10,665.15             | 4,136.43     | -674.16      | 4,173.62                | 2.04                    | -0.51                  | 1.98                  |
| 15,497.00                                      | 89.70           | 357.22      | 10,666.17             | 4,230.30     | -679.00      | 4,267.60                | 0.77                    | 0.68                   | 0.36                  |
| 15,592.00                                      | 90.04           | 357.41      | 10,666.38             | 4,325.20     | -683.45      | 4,362.57                | 0.41                    | 0.36                   | 0.20                  |
| 15,687.00                                      | 89.39           | 358.27      | 10,666.86             | 4,420.13     | -687.03      | 4,457.52                | 1.13                    | -0.68                  | 0.91                  |
| 15,781.00                                      | 89.86           | 359.69      | 10,667.47             | 4,514.11     | -688.70      | 4,551.38                | 1.59                    | 0.50                   | 1.51                  |
| 15,876.00                                      | 89.84           | 1.31        | 10,667.72             | 4,609.10     | -687.87      | 4,646.08                | 1.71                    | -0.02                  | 1.71                  |
| 15,971.00                                      | 89.61           | 1.79        | 10,668.18             | 4,704.06     | -685.30      | 4,740.63                | 0.56                    | -0.24                  | 0.51                  |
| 16,011.94                                      | 89.52           | 1.87        | 10,668.49             | 4,744.98     | -684.00      | 4,781.36                | 0.29                    | -0.21                  | 0.20                  |
| <b>SL: 16011.94' MD, 89.52° Inc, 1.87° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 16,065.00                                      | 89.41           | 1.98        | 10,668.98             | 4,798.01     | -682.21      | 4,834.13                | 0.29                    | -0.21                  | 0.20                  |
| 16,160.00                                      | 89.66           | 2.23        | 10,669.75             | 4,892.94     | -678.72      | 4,928.58                | 0.37                    | 0.26                   | 0.26                  |
| 16,255.00                                      | 90.26           | 1.63        | 10,669.82             | 4,987.89     | -675.52      | 5,023.06                | 0.89                    | 0.63                   | -0.63                 |
| 16,349.00                                      | 90.90           | 0.92        | 10,668.87             | 5,081.86     | -673.43      | 5,116.65                | 1.02                    | 0.68                   | -0.76                 |
| 16,444.00                                      | 91.23           | 0.15        | 10,667.10             | 5,176.84     | -672.55      | 5,211.33                | 0.88                    | 0.35                   | -0.81                 |
| 16,539.00                                      | 91.34           | 0.08        | 10,664.97             | 5,271.81     | -672.36      | 5,306.06                | 0.14                    | 0.12                   | -0.07                 |
| 16,634.00                                      | 91.14           | 0.06        | 10,662.92             | 5,366.79     | -672.24      | 5,400.79                | 0.21                    | -0.21                  | -0.02                 |
| 16,728.00                                      | 90.54           | 359.71      | 10,661.54             | 5,460.78     | -672.43      | 5,494.56                | 0.74                    | -0.64                  | -0.37                 |
| 16,823.00                                      | 90.66           | 359.80      | 10,660.54             | 5,555.77     | -672.83      | 5,589.35                | 0.16                    | 0.13                   | 0.09                  |
| 16,918.00                                      | 90.80           | 359.75      | 10,659.33             | 5,650.76     | -673.21      | 5,684.13                | 0.16                    | 0.15                   | -0.05                 |



# Phoenix Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,013.00             | 89.41           | 359.82      | 10,659.16             | 5,745.76     | -673.56      | 5,778.92                | 1.47                    | -1.46                  | 0.07                  |
| 17,107.00             | 90.65           | 0.36        | 10,659.11             | 5,839.76     | -673.42      | 5,872.67                | 1.44                    | 1.32                   | 0.57                  |
| 17,202.00             | 90.68           | 0.00        | 10,658.01             | 5,934.75     | -673.12      | 5,967.41                | 0.38                    | 0.03                   | -0.38                 |
| 17,297.00             | 90.70           | 359.87      | 10,656.86             | 6,029.74     | -673.23      | 6,062.17                | 0.14                    | 0.02                   | -0.14                 |
| 17,391.00             | 90.55           | 359.78      | 10,655.84             | 6,123.74     | -673.51      | 6,155.96                | 0.19                    | -0.16                  | -0.10                 |
| 17,486.00             | 90.90           | 359.34      | 10,654.63             | 6,218.73     | -674.24      | 6,250.76                | 0.59                    | 0.37                   | -0.46                 |
| 17,581.00             | 90.61           | 359.52      | 10,653.38             | 6,313.71     | -675.19      | 6,345.58                | 0.36                    | -0.31                  | 0.19                  |
| 17,676.00             | 90.67           | 359.53      | 10,652.32             | 6,408.71     | -675.97      | 6,440.39                | 0.06                    | 0.06                   | 0.01                  |
| 17,770.00             | 89.64           | 359.19      | 10,652.07             | 6,502.70     | -677.02      | 6,534.22                | 1.15                    | -1.10                  | -0.36                 |
| 17,865.00             | 89.16           | 359.23      | 10,653.06             | 6,597.68     | -678.33      | 6,629.06                | 0.51                    | -0.51                  | 0.04                  |
| 17,960.00             | 88.70           | 359.64      | 10,654.84             | 6,692.66     | -679.27      | 6,723.87                | 0.65                    | -0.48                  | 0.43                  |
| 18,055.00             | 88.53           | 359.64      | 10,657.13             | 6,787.63     | -679.87      | 6,818.65                | 0.18                    | -0.18                  | 0.00                  |
| 18,150.00             | 89.82           | 359.68      | 10,658.50             | 6,882.62     | -680.43      | 6,913.44                | 1.36                    | 1.36                   | 0.04                  |
| 18,244.00             | 90.03           | 358.74      | 10,658.62             | 6,976.61     | -681.73      | 7,007.29                | 1.02                    | 0.22                   | -1.00                 |
| 18,339.00             | 90.87           | 359.42      | 10,657.88             | 7,071.59     | -683.25      | 7,102.14                | 1.14                    | 0.88                   | 0.72                  |
| 18,434.00             | 89.60           | 358.63      | 10,657.49             | 7,166.57     | -684.87      | 7,197.00                | 1.57                    | -1.34                  | -0.83                 |
| 18,529.00             | 89.74           | 359.05      | 10,658.03             | 7,261.55     | -686.79      | 7,291.88                | 0.47                    | 0.15                   | 0.44                  |
| 18,623.00             | 89.68           | 359.23      | 10,658.51             | 7,355.54     | -688.20      | 7,385.74                | 0.20                    | -0.06                  | 0.19                  |
| 18,718.00             | 90.47           | 359.10      | 10,658.39             | 7,450.53     | -689.59      | 7,480.59                | 0.84                    | 0.83                   | -0.14                 |
| 18,813.00             | 89.65           | 358.77      | 10,658.29             | 7,545.51     | -691.35      | 7,575.46                | 0.93                    | -0.86                  | -0.35                 |
| 18,908.00             | 89.74           | 359.40      | 10,658.79             | 7,640.50     | -692.87      | 7,670.32                | 0.67                    | 0.09                   | 0.66                  |
| 19,002.00             | 90.13           | 358.95      | 10,658.90             | 7,734.49     | -694.22      | 7,764.17                | 0.63                    | 0.41                   | -0.48                 |
| 19,097.00             | 89.62           | 359.24      | 10,659.11             | 7,829.48     | -695.72      | 7,859.03                | 0.62                    | -0.54                  | 0.31                  |
| 19,192.00             | 89.91           | 359.44      | 10,659.50             | 7,924.47     | -696.82      | 7,953.86                | 0.37                    | 0.31                   | 0.21                  |
| 19,286.00             | 90.06           | 359.01      | 10,659.52             | 8,018.46     | -698.09      | 8,047.71                | 0.48                    | 0.16                   | -0.46                 |
| 19,381.00             | 89.68           | 358.87      | 10,659.74             | 8,113.44     | -699.85      | 8,142.58                | 0.43                    | -0.40                  | -0.15                 |
| 19,476.00             | 90.35           | 359.36      | 10,659.71             | 8,208.43     | -701.31      | 8,237.44                | 0.87                    | 0.71                   | 0.52                  |
| 19,571.00             | 90.32           | 359.18      | 10,659.16             | 8,303.42     | -702.52      | 8,332.28                | 0.19                    | -0.03                  | -0.19                 |
| 19,665.00             | 90.29           | 358.86      | 10,658.66             | 8,397.41     | -704.13      | 8,426.14                | 0.34                    | -0.03                  | -0.34                 |
| 19,760.00             | 91.29           | 359.37      | 10,657.35             | 8,492.38     | -705.60      | 8,520.99                | 1.18                    | 1.05                   | 0.54                  |
| 19,855.00             | 90.63           | 358.29      | 10,655.75             | 8,587.35     | -707.54      | 8,615.85                | 1.33                    | -0.69                  | -1.14                 |
| 19,949.00             | 90.26           | 358.38      | 10,655.02             | 8,681.31     | -710.27      | 8,709.77                | 0.41                    | -0.39                  | 0.10                  |
| 20,044.00             | 90.30           | 358.50      | 10,654.56             | 8,776.27     | -712.86      | 8,804.68                | 0.13                    | 0.04                   | 0.13                  |
| 20,139.00             | 90.23           | 0.13        | 10,654.12             | 8,871.26     | -713.99      | 8,899.51                | 1.72                    | -0.07                  | 1.72                  |
| 20,234.00             | 90.38           | 0.88        | 10,653.61             | 8,966.25     | -713.16      | 8,994.21                | 0.81                    | 0.16                   | 0.79                  |
| 20,328.00             | 90.13           | 0.82        | 10,653.20             | 9,060.24     | -711.76      | 9,087.87                | 0.27                    | -0.27                  | -0.06                 |
| 20,423.00             | 90.33           | 0.99        | 10,652.81             | 9,155.23     | -710.26      | 9,182.52                | 0.28                    | 0.21                   | 0.18                  |
| 20,518.00             | 90.73           | 1.61        | 10,651.94             | 9,250.20     | -708.10      | 9,277.10                | 0.78                    | 0.42                   | 0.65                  |
| 20,613.00             | 90.82           | 1.45        | 10,650.65             | 9,345.16     | -705.57      | 9,371.64                | 0.19                    | 0.09                   | -0.17                 |
| 20,707.00             | 90.83           | 1.06        | 10,649.30             | 9,439.13     | -703.51      | 9,465.23                | 0.41                    | 0.01                   | -0.41                 |
| 20,802.00             | 91.04           | 1.56        | 10,647.75             | 9,534.09     | -701.34      | 9,559.81                | 0.57                    | 0.22                   | 0.53                  |
| 20,897.00             | 91.45           | 1.28        | 10,645.68             | 9,629.04     | -698.98      | 9,654.35                | 0.52                    | 0.43                   | -0.29                 |
| 20,992.00             | 91.35           | 0.84        | 10,643.36             | 9,723.99     | -697.23      | 9,748.95                | 0.47                    | -0.11                  | -0.46                 |



# Phoenix Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | OXY USA INC.               | <b>Local Co-ordinate Reference:</b> | Well Dr Pi Fed Unit 17_8 DA 21H |
| <b>Project:</b>  | Lea County, NM (NAD83-NME) | <b>TVD Reference:</b>               | RKB @ 3715.40usft (H&P 466)     |
| <b>Site:</b>     | Dr Pi Fed Unit 17_8 DA     | <b>MD Reference:</b>                | RKB @ 3715.40usft (H&P 466)     |
| <b>Well:</b>     | Dr Pi Fed Unit 17_8 DA 21H | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OH / 70782                 | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys (H&P 466)          | <b>Database:</b>                    | USA Compass                     |

| Survey                                          |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)                           | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 21,086.00                                       | 91.29           | 1.31        | 10,641.20             | 9,817.95     | -695.46      | 9,842.55                | 0.50                    | -0.06                  | 0.50                  |  |
| 21,118.00                                       | 91.43           | 1.08        | 10,640.44             | 9,849.93     | -694.80      | 9,874.41                | 0.84                    | 0.44                   | -0.72                 |  |
| <b>Final Phoenix MWD Survey</b>                 |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 21,188.85                                       | 91.43           | 1.08        | 10,638.67             | 9,920.75     | -693.46      | 9,944.95                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>LTP: 21188.85' MD, 91.43° Inc, 1.08° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 21,237.00                                       | 91.43           | 1.08        | 10,637.47             | 9,968.87     | -692.56      | 9,992.90                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Projection to TD</b>                         |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Annotations    |                       |                   |              |                                            |  |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                                            |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                                    |  |
| 916.67                | 916.63                | 5.68              | -4.36        | Tie In                                     |  |
| 1,007.00              | 1,006.96              | 6.41              | -4.90        | First Phoenix MWD Survey                   |  |
| 10,689.59             | 10,515.12             | -536.39           | -611.79      | SL: 10689.59' MD, 53.02° Inc, 351.37° Azm  |  |
| 10,809.62             | 10,580.31             | -436.51           | -624.29      | FTP: 10809.62' MD, 60.45° Inc, 355.40° Azm |  |
| 16,011.94             | 10,668.49             | 4,744.98          | -684.00      | SL: 16011.94' MD, 89.52° Inc, 1.87° Azm    |  |
| 21,118.00             | 10,640.44             | 9,849.93          | -694.80      | Final Phoenix MWD Survey                   |  |
| 21,188.85             | 10,638.67             | 9,920.75          | -693.46      | LTP: 21188.85' MD, 91.43° Inc, 1.08° Azm   |  |
| 21,237.00             | 10,637.47             | 9,968.87          | -692.56      | Projection to TD                           |  |

Intent ☐ As Drilled ☒

|                                |                                               |                    |
|--------------------------------|-----------------------------------------------|--------------------|
| API #<br><b>30-025-48282</b>   |                                               |                    |
| Operator Name:<br>OXY USA INC. | Property Name:<br>Dr. Pi Federal Unit 17 8 DA | Well Number<br>21H |

## Kick Off Point (KOP)

|                                 |               |                 |              |     |                                   |                   |             |                      |               |
|---------------------------------|---------------|-----------------|--------------|-----|-----------------------------------|-------------------|-------------|----------------------|---------------|
| UL<br>D                         | Section<br>20 | Township<br>22S | Range<br>32E | Lot | Feet<br>248                       | From N/S<br>North | Feet<br>544 | From E/W<br>West     | County<br>Lea |
| Latitude<br><b>32.38364658N</b> |               |                 |              |     | Longitude<br><b>103.70357537W</b> |                   |             | NAD<br><b>Nad 83</b> |               |

## First Take Point (FTP)

|                                 |               |                 |              |     |                                   |                   |             |                      |               |
|---------------------------------|---------------|-----------------|--------------|-----|-----------------------------------|-------------------|-------------|----------------------|---------------|
| UL<br>M                         | Section<br>17 | Township<br>22S | Range<br>32E | Lot | Feet<br>137                       | From N/S<br>South | Feet<br>446 | From E/W<br>West     | County<br>Lea |
| Latitude<br><b>32.38470525N</b> |               |                 |              |     | Longitude<br><b>103.70389615W</b> |                   |             | NAD<br><b>Nad 83</b> |               |

## Last Take Point (LTP)

|                                 |              |                 |              |     |                                   |                   |             |                      |               |
|---------------------------------|--------------|-----------------|--------------|-----|-----------------------------------|-------------------|-------------|----------------------|---------------|
| UL<br>D                         | Section<br>8 | Township<br>22S | Range<br>32E | Lot | Feet<br>210                       | From N/S<br>North | Feet<br>449 | From E/W<br>West     | County<br>Lea |
| Latitude<br><b>32.41276799N</b> |              |                 |              |     | Longitude<br><b>103.70392519W</b> |                   |             | NAD<br><b>Nad 83</b> |               |

Is this well the defining well for the Horizontal Spacing Unit? ☐ NoIs this well an infill well? ☐ Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018

Submit a Copy To Appropriate District  
Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-025-48282                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>332769                                                              |
| 7. Lease Name or Unit Agreement Name<br>Dr Pi Federal Unit 17 8 DA                                  |
| 8. Well Number 021H                                                                                 |
| 9. OGRID Number<br>16696                                                                            |
| 10. Pool name or Wildcat<br>Bilbrey Basin Bonespring, South                                         |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3690' GR                                      |

|                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                         |  |
| 2. Name of Operator<br>OXY USA INC.                                                                                                                                                                    |  |
| 3. Address of Operator<br>PO BOX 4294, Houston, TX 77210                                                                                                                                               |  |
| 4. Well Location<br>Unit Letter M : 530 feet from the South line and 1075 feet from the West line<br>Section 17 Township 22S Range 32E NMPM County Lea                                                 |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3690' GR                                                                                                                                         |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

|                                                |                                           |                                                        |                                          |
|------------------------------------------------|-------------------------------------------|--------------------------------------------------------|------------------------------------------|
| NOTICE OF INTENTION TO:                        |                                           | SUBSEQUENT REPORT OF:                                  |                                          |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                 | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>       | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>             |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |                                           |                                                        |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |                                           |                                                        |                                          |
| OTHER: <input type="checkbox"/>                |                                           | OTHER: Completions <input checked="" type="checkbox"/> |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RUPU 12/09/2022, RIH & Clean out to PBTD 21200'. Test Production casing to 6000 psi for 30 min, good test. RIH & perf from 10852-21078', total 1230 holes. Frac in 41 stages with 25,631,570 # 100 Mesh and 363,402 bbls clean frac fluid, RD Frac and Well ready to produce on 12/24/2022. 01/19/2022 rig up and install 2 3/8" tubing and gas lift, set @ 10582'. RD MO 01/20/2023.

Formation Tops Attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sarah McKinney TITLE Regulatory Analyst Sr. DATE 03/06/2023

Type or print name Sarah McKinney E-mail address: Sarah\_Mckinney@oxy.com PHONE: 713-215-7295

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                          |                                           | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                                            |                                     | <b>Form C-105</b><br>Revised April 3, 2017 |                                                             |                               |                                                                                                                                |             |               |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                     |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 1. WELL API NO.<br><b>30-025-48282</b>                                                                                         |             |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 2. Type of Lease<br><input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 3. State Oil & Gas Lease No.                                                                                                   |             |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 5. Lease Name or Unit Agreement Name<br><b>Dr Pi Federal Unit 17 8 DA</b>                                                      |             |               |
| 8. Name of Operator <b>OXY USA INC.</b>                                                                                                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 6. Well Number:<br><br><b>21H</b>                                                                                              |             |               |
| 10. Address of Operator<br><b>PO Box 50250, MIDLAND, TX 79710</b>                                                                                                                                                                                                                                                                                                                         |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 9. OGRID <b>16696</b>                                                                                                          |             |               |
| 11. Pool name or Wildcat<br><b>Bilbrey Basin Bonespring, South</b>                                                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                  | Section                                                                                                                                                                               | Township                                                   | Range                               | Lot                                        | Feet from the                                               | N/S Line                      | Feet from the                                                                                                                  | E/W Line    | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | <b>M</b>                                  | <b>17</b>                                                                                                                                                                             | <b>22S</b>                                                 | <b>32E</b>                          |                                            | <b>530</b>                                                  | <b>South</b>                  | <b>1075</b>                                                                                                                    | <b>West</b> | <b>Lea</b>    |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>D</b>                                  | <b>8</b>                                                                                                                                                                              | <b>22S</b>                                                 | <b>32E</b>                          |                                            | <b>52</b>                                                   | <b>North</b>                  | <b>453</b>                                                                                                                     | <b>West</b> | <b>Lea</b>    |
| 13. Date Spudded<br><b>10/08/2022</b>                                                                                                                                                                                                                                                                                                                                                     | 14. Date T.D. Reached<br><b>12/7/2022</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>12/7/2022</b>                  |                                     |                                            | 16. Date Completed (Ready to Produce)<br><b>12/24/2022</b>  |                               | 17. Elevations (DF and RKB, RT, GR, etc.) <b>3690 GR</b>                                                                       |             |               |
| 18. Total Measured Depth of Well<br><b>21237 MD, 10637 TVD</b>                                                                                                                                                                                                                                                                                                                            |                                           |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>21200 MD, 10638 TVD</b> |                                     |                                            | 20. Was Directional Survey Made?<br><b>Yes</b>              |                               | 21. Type Electric and Other Logs Run<br><b>Gamma / CBL</b>                                                                     |             |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>10852-21078; Bonespring</b>                                                                                                                                                                                                                                                                                       |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                           | WEIGHT LB./FT.                                                                                                                                                                        |                                                            | DEPTH SET                           |                                            | HOLE SIZE                                                   |                               | CEMENTING RECORD                                                                                                               |             | AMOUNT PULLED |
| <b>13 3/8"</b>                                                                                                                                                                                                                                                                                                                                                                            |                                           | <b>54.5# J55</b>                                                                                                                                                                      |                                                            | <b>928'</b>                         |                                            | <b>17 1/2"</b>                                              |                               | <b>1519sx - TOC 0'</b>                                                                                                         |             |               |
| <b>9 5/8"</b>                                                                                                                                                                                                                                                                                                                                                                             |                                           | <b>40# HCL80</b>                                                                                                                                                                      |                                                            | <b>6495'</b>                        |                                            | <b>12 1/4"</b>                                              |                               | <b>1403sx - TOC 0'</b>                                                                                                         |             |               |
| <b>5 1/2"</b>                                                                                                                                                                                                                                                                                                                                                                             |                                           | <b>20# P110</b>                                                                                                                                                                       |                                                            | <b>21220'</b>                       |                                            | <b>8 3/4"</b>                                               |                               | <b>3386sx - TOC 5356'</b>                                                                                                      |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                       | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                               | SCREEN                              |                                            | 25. TUBING RECORD                                           |                               |                                                                                                                                |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            | SIZE                                                        |                               | DEPTH SET                                                                                                                      |             | PACKER SET    |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            | <b>2 3/8"</b>                                               |                               | <b>10582</b>                                                                                                                   |             | <b>N/A</b>    |
| 26. Perforation record (interval, size, and number)<br><b>10852-21078, 0.42", 1230 shots. 41 stages</b>                                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.             |                               |                                                                                                                                |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            | DEPTH INTERVAL                                              |                               | AMOUNT AND KIND MATERIAL USED                                                                                                  |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            | <b>10852-21078</b>                                          |                               | <b>25,631,570 # 100 Mesh,</b>                                                                                                  |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | <b>363,402 bbls clean frac fluid</b>                                                                                           |             |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| Date First Production<br><b>12/31/2022</b>                                                                                                                                                                                                                                                                                                                                                |                                           | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )<br><b>Flowing</b>                                                                                        |                                                            |                                     |                                            | Well Status ( <i>Prod. or Shut-in</i> )<br><b>Producing</b> |                               |                                                                                                                                |             |               |
| Date of Test<br><b>01/26/2023</b>                                                                                                                                                                                                                                                                                                                                                         | Hours Tested<br><b>24</b>                 | Choke Size<br><b>0</b>                                                                                                                                                                | Prod'n For Test Period                                     | Oil - Bbl<br><b>1354</b>            | Gas - MCF<br><b>1322</b>                   | Water - Bbl.<br><b>3302</b>                                 | Gas - Oil Ratio<br><b>976</b> |                                                                                                                                |             |               |
| Flow Tubing Press.<br><b>2281</b>                                                                                                                                                                                                                                                                                                                                                         | Casing Pressure<br><b>247</b>             | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.<br><b>1354</b>                                  | Gas - MCF<br><b>1322</b>            | Water - Bbl.<br><b>3302</b>                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>43.5</b>         |                               |                                                                                                                                |             |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>Sold</b>                                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 30. Test Witnessed By                                                                                                          |             |               |
| 31. List Attachments<br><b>C103, C102, WBD, Directional Survey, Log</b>                                                                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               | 33. Rig Release Date:                                                                                                          |             |               |
| 34. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| Latitude _____ Longitude _____ NAD83                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief                                                                                                                                                                                                                                                        |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |
| Signature                                                                                                                                                                                                                                                                                              |                                           | Printed Name <b>Sarah McKinney</b>                                                                                                                                                    |                                                            | Title <b>Regulatory Analyst Sr.</b> |                                            |                                                             | Date <b>03/02/2023</b>        |                                                                                                                                |             |               |
| E-mail Address <b>sarah_mckinney@oxy.com</b>                                                                                                                                                                                                                                                                                                                                              |                                           |                                                                                                                                                                                       |                                                            |                                     |                                            |                                                             |                               |                                                                                                                                |             |               |

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

| Southeastern New Mexico |                                        | Northwestern New Mexico |                  |
|-------------------------|----------------------------------------|-------------------------|------------------|
| T. Rustler 911'         | T. Bell Canyon                         | T. Ojo Alamo            | T. Penn A"       |
| T. Salado 1241'         | T. Strawn                              | T. Kirtland             | T. Penn. "B"     |
| T. Castile 3217'        | T. Atoka                               | T. Fruitland            | T. Penn. "C"     |
| T. Delaware 4756'       | T. Miss                                | T. Pictured Cliffs      | T. Penn. "D"     |
| T. Cherry Canyon 5657'  | T. Devonian                            | T. Cliff House          | T. Leadville     |
| T. Brushy Canyon 6864'  | T. Silurian                            | T. Menefee              | T. Madison       |
| T. Grayburg             | T. Montoya                             | T. Point Lookout        | T. Elbert        |
| T. San Andres           | T. Simpson                             | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. McKee                               | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger                         | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash                            | T. Dakota               |                  |
| T. Tubb                 | T. Delaware Sand                       | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs 8679'                  | T. Todilto              |                  |
| T. Abo                  | T. 1 <sup>st</sup> Bone Springs 9711'  | T. Entrada              |                  |
| T. Wolfcamp             | T. 2 <sup>nd</sup> Bone Springs 10481' | T. Wingate              |                  |
| T. Penn                 | T. 3 <sup>rd</sup> Bone Springs        | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.                                     | T. Permian              |                  |

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

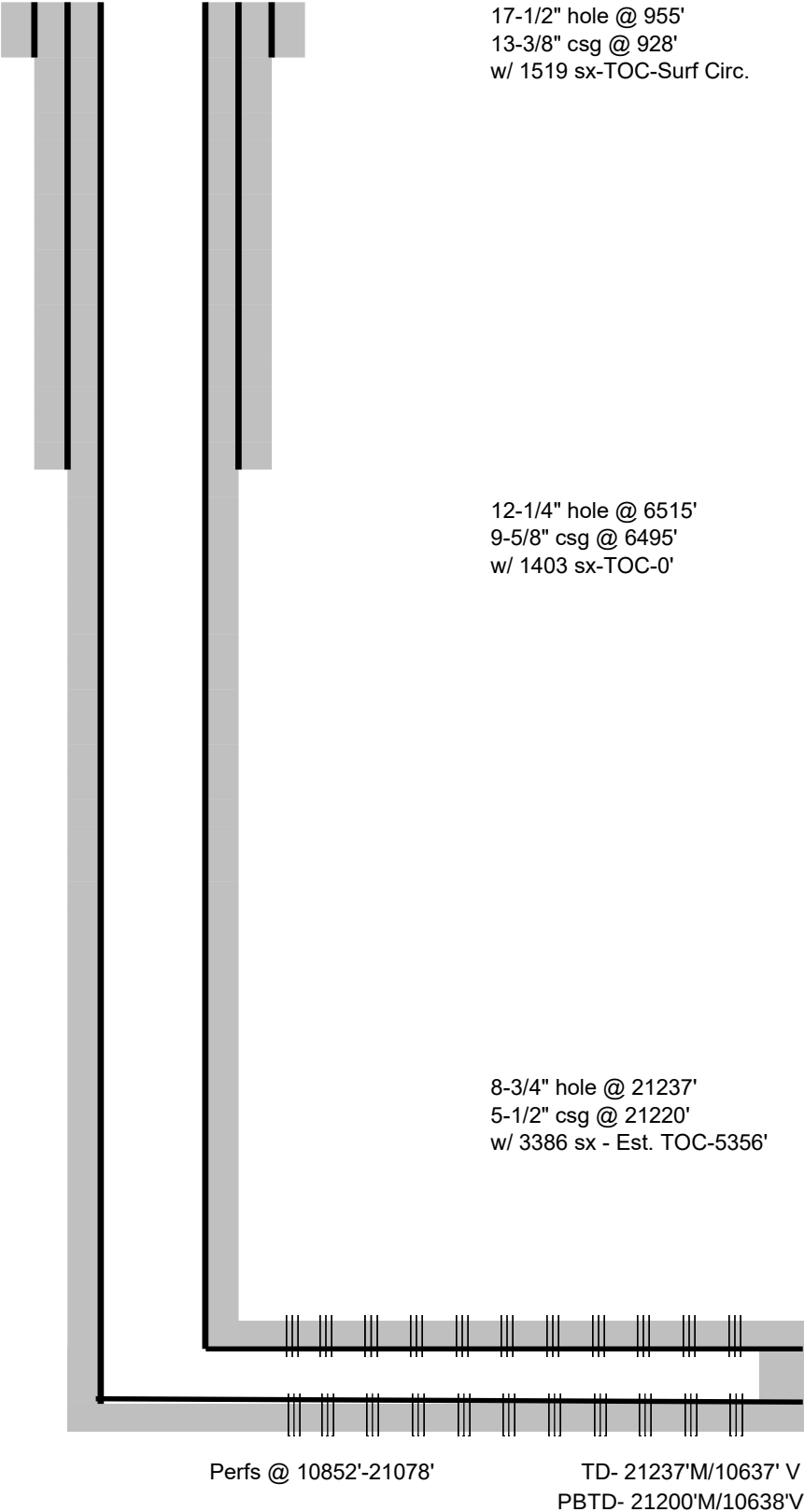
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

OXY USA Inc.  
Dr Pi Fed Unit 17-8 DA 21H  
API No. 30-025-48282



Formation Tops: Dr Pi Fed Unit 17 8 DA 21H:

| TOP         | MD    | TVD   |
|-------------|-------|-------|
| RUSTLER     | 911   | 911   |
| SALADO      | 1241  | 1240  |
| CASTILE     | 3217  | 3217  |
| DLWR        | 4756  | 4755  |
| CHERRY CNYN | 5657  | 5650  |
| BRUSHY CNYN | 6864  | 6840  |
| BSPG        | 8679  | 8618  |
| 1ST BS      | 9711  | 9628  |
| 2ND BS      | 10481 | 10364 |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS  
  
Action 193934

ACKNOWLEDGMENTS

|                                                                    |                                                    |
|--------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                    |
|                                                                    | Action Number:<br>193934                           |
|                                                                    | Action Type:<br>[C-104] Completion Packet (C-104C) |

ACKNOWLEDGMENTS

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 193934

CONDITIONS

|                                                                        |                                                        |
|------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br><br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br><br>16696                                    |
|                                                                        | Action Number:<br><br>193934                           |
|                                                                        | Action Type:<br><br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                                                                              | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval. | 4/21/2023      |