

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural ResourcesForm C-104  
Revised August 1, 2011Oil 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>TAP ROCK OPERATING, LLC<br>523 PARK POINT DRIVE, SUITE 200<br>GOLDEN, CO 80401 |                                                                | <sup>2</sup> OGRID Number<br>372043                       |
|                                                                                                                          |                                                                | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW |
| <sup>4</sup> API Number<br>30 - 0 25-48645                                                                               | <sup>5</sup> Pool Name<br>WC-025 G-09 S243310P; UPPER WOLFCAMP | <sup>6</sup> Pool Code<br>98135                           |
| <sup>7</sup> Property Code<br>328891                                                                                     | <sup>8</sup> Property Name<br>APOLLO STATE COM                 | <sup>9</sup> Well Number<br>134H                          |

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

| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 21      | 24-S     | 33-E  | -       | 843'          | SOUTH            | 527'          | EAST           | 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 |
|-----------------------------|------------------------------------------|-------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| A                           | 16                                       | 24-S                                            | 33-E                              | -                                  | 27'                                 | NORTH            | 380'          | EAST           | LEA    |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method Code<br>F | <sup>14</sup> Gas Connection Date<br>10/18/2021 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

**III. Oil and Gas Transporters**

| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                             | <sup>20</sup> O/G/W |
|---------------------------------|------------------------------------------------------------------------|---------------------|
| 34053                           | PLAINS ALL AMERICAN<br>333 CLAY STREET SUITE 1600<br>HOUSTON, TX 77002 | O                   |
| 371960                          | LUCID ENERGY GROUP<br>3100 MCKINNON ST #800<br>DALLAS, TX 75201        | G                   |
|                                 |                                                                        |                     |
|                                 |                                                                        |                     |
|                                 |                                                                        |                     |
|                                 |                                                                        |                     |

**IV. Well Completion Data**

|                                     |                                        |                            |                              |                                             |                       |
|-------------------------------------|----------------------------------------|----------------------------|------------------------------|---------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>6/9/2021 | <sup>22</sup> Ready Date<br>10/18/2021 | <sup>23</sup> TD<br>23310' | <sup>24</sup> PBTB<br>23249' | <sup>25</sup> Perforations<br>13110'-23164' | <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   |                                             |                       |
| 17.5"                               | 13.375"                                | 1230'                      | 1010 SKS                     |                                             |                       |
| 9.875"                              | 7.625"                                 | 12422'                     | 1175 SKS                     |                                             |                       |
| 6.75"                               | 5.5"                                   | 23297'                     | 900 SKS                      |                                             |                       |
|                                     |                                        |                            |                              |                                             |                       |

**V. Well Test Data**

|                                                                                                                                                                                                                                                                                                            |                                               |                                      |                                     |                                  |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|-------------------------------------|----------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>10/26/2021                                                                                                                                                                                                                                                                   | <sup>32</sup> Gas Delivery Date<br>10/26/2021 | <sup>33</sup> Test Date<br>11/1/2021 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure<br>0 | <sup>36</sup> Csg. Pressure<br>3350  |
| <sup>37</sup> Choke Size<br>40/64                                                                                                                                                                                                                                                                          | <sup>38</sup> Oil<br>876                      | <sup>39</sup> Water<br>7801          | <sup>40</sup> Gas<br>5881           |                                  | <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:<br>JEFF TRLICA                                                                                                                                                                                                                                                                               |                                               |                                      | Approved by: Leonard R. Lowe        |                                  |                                      |
| Title:<br>REGULATORY ANALYST                                                                                                                                                                                                                                                                               |                                               |                                      | Title: Engineer                     |                                  |                                      |
| E-mail Address:<br>JTRLICA@GMAIL.COM                                                                                                                                                                                                                                                                       |                                               |                                      | Approval Date: 03/25/2022           |                                  |                                      |
| Date:<br>11/5/2021                                                                                                                                                                                                                                                                                         |                                               | Phone:<br>720-772-5910               |                                     |                                  |                                      |

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 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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

AS-DRILLED

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                        |                                 |                                                                |
|-----------------------------------------|--------------------------------------------------------|---------------------------------|----------------------------------------------------------------|
| <sup>1</sup> API Number<br>30-025-48645 |                                                        | <sup>2</sup> Pool Code<br>98135 | <sup>3</sup> Pool Name<br>WC-025 G-09 S243310P; UPPER WOLFCAMP |
| <sup>4</sup> Property Code<br>328891    | <sup>5</sup> Property Name<br>APOLLO STATE COM         |                                 | <sup>6</sup> Well Number<br>134H                               |
| <sup>7</sup> OGRID No.<br>#372043       | <sup>8</sup> Operator Name<br>TAP ROCK OPERATING, LLC. |                                 | <sup>9</sup> Elevation<br>3543'                                |

<sup>10</sup>Surface Location

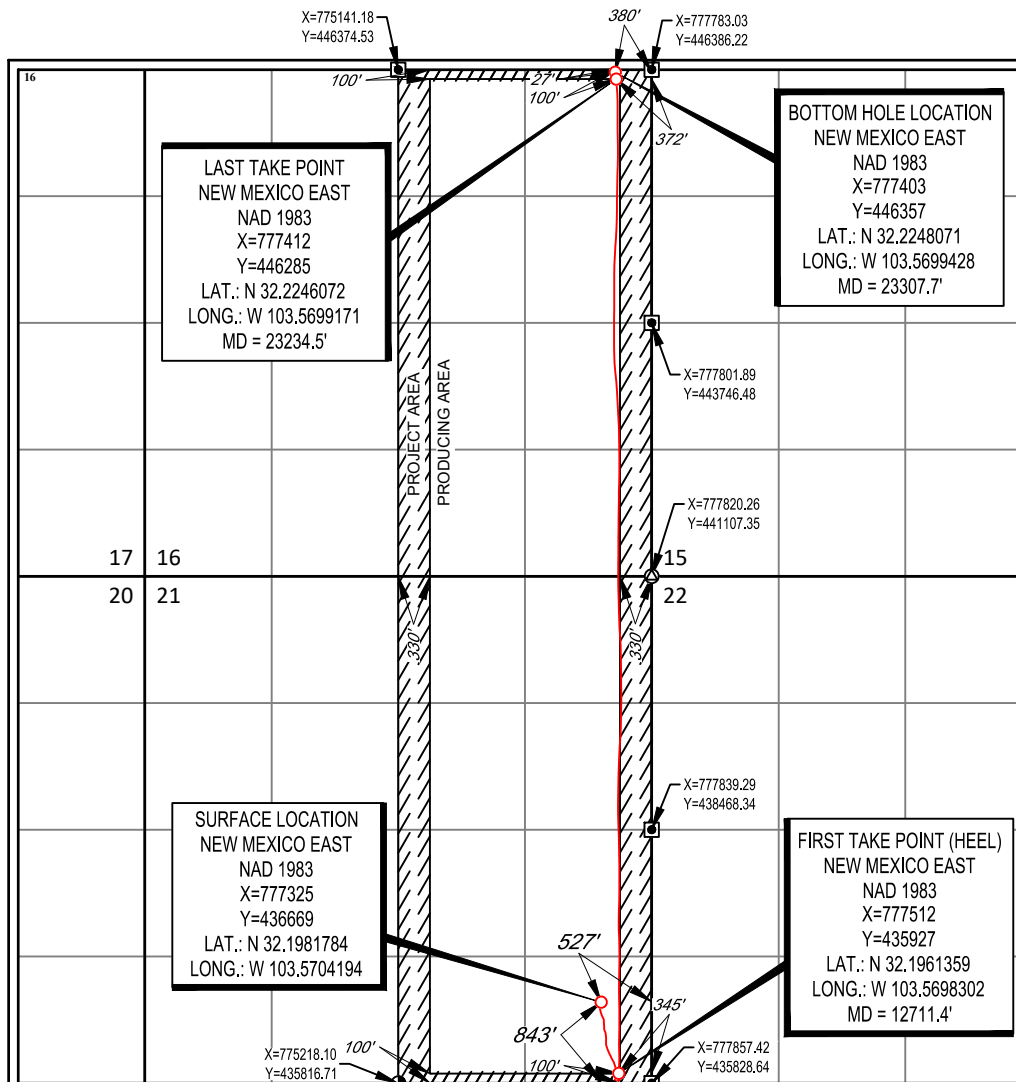
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 21      | 24-S     | 33-E  | -       | 843'          | SOUTH            | 527'          | EAST           | LEA    |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 16      | 24-S     | 33-E  | -       | 27'           | NORTH            | 380'          | EAST           | LEA    |

|                                      |                               |                                  |                         |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320 | <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.

<sup>17</sup>OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Bill Ramsey*

9/29/2021

Signature

Date

Bill Ramsey

Printed Name

bramsey@taprk.com

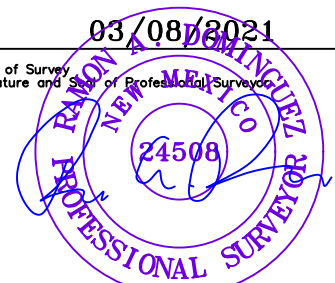
E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

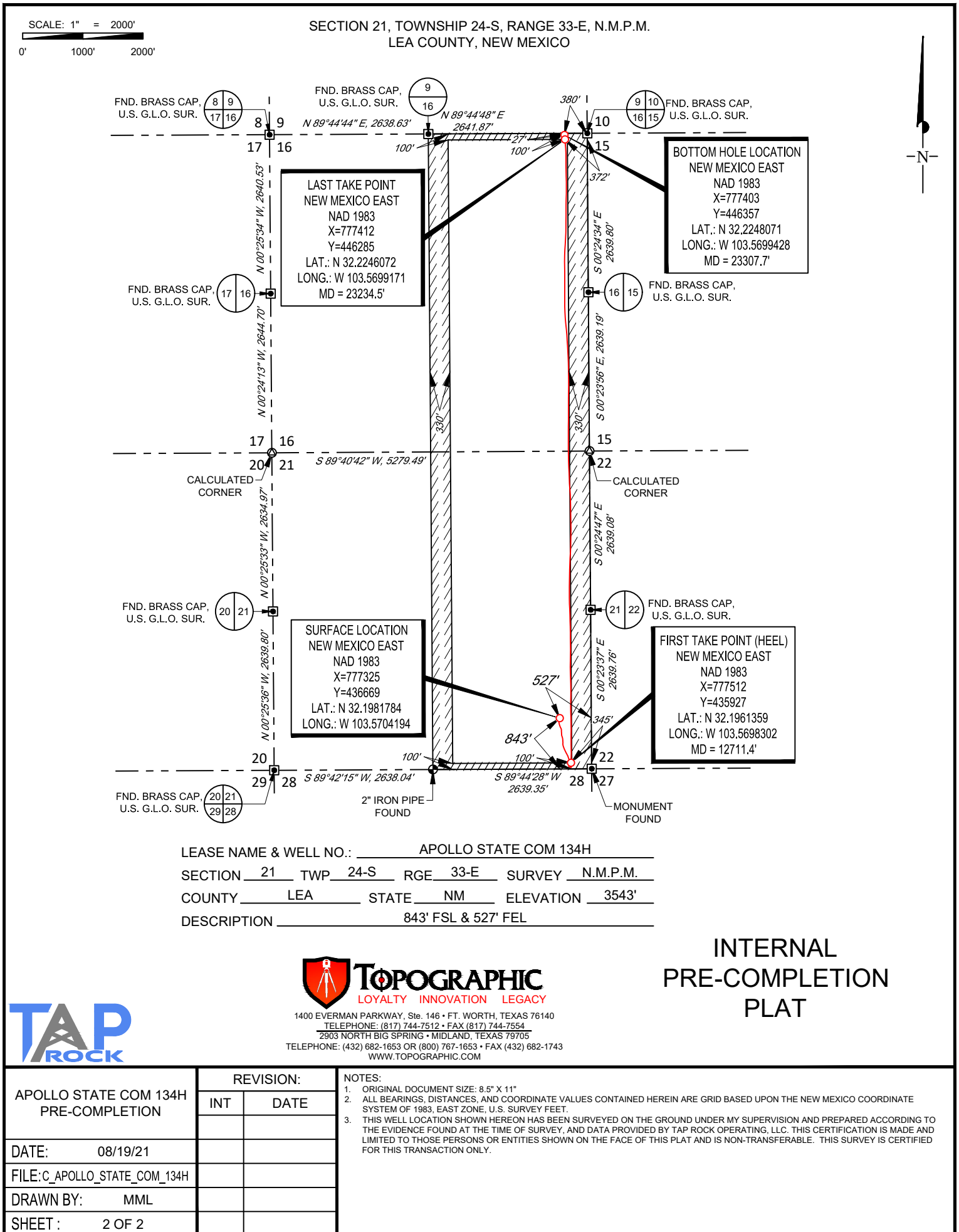
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

03/08/2021

Date of Survey  
Signature and Seal of Professional Surveyor



Certificate Number





Operator: Tap Rock Resources LLC  
Well Name: Apollo State Com 134H  
County: Lea  
State: New Mexico  
Rig Name: H&P 261  
API: 30-025-48645

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists  
Survey Depths: 233' MD – 23,244' MD  
Projection to Bit: 23,310' MD  
Dates Performed: 06/09/2021 – 07/18/2021.  
Type of Survey: MWD

A handwritten signature in black ink, appearing to read "T. Henk".

Sincerely,

Travis Henk  
MWD Operations Manager  
Intrepid Directional Drilling Specialists





Operator: Tap Rock Resources, LLC.

Well Name: Apollo State Com 134H

Job Number: ID2929

Survey Company: Intrepid Directional Drilling Specialists

Rig Name: H&P 261

Target KBTVD: 13055.00

Target Inclination: 90.00°

Declination Correction: 5.97°

KB Elevation: 3569

Vertical Section Calculated Along Azimuth: 359.59°

Survey Calculation Method: Minimum Curvature

| TIE PT.<br>TYPE | SVY<br># | Survey<br>Depth | INC<br>deg. | AZM<br>deg. | Course<br>Length | TVD<br>Ft. | V'Sect<br>FT. | +N/-S<br>Ft. | +E/-W<br>Ft. | Dogleg<br>°/100' |
|-----------------|----------|-----------------|-------------|-------------|------------------|------------|---------------|--------------|--------------|------------------|
| Tie In          | 0        | 0               | 0.00        | 0.00        | 0                | 0          | 0             | 0            | 0            | 0.00             |
| MWD             | 1        | 233             | 0.48        | 307.52      | 233              | 233.00     | 0.60          | 0.59         | -0.77        | 0.21             |
| MWD             | 2        | 325             | 1.01        | 312.62      | 92               | 324.99     | 1.39          | 1.38         | -1.68        | 0.58             |
| MWD             | 3        | 415             | 1.01        | 334.51      | 90               | 414.98     | 2.65          | 2.63         | -2.60        | 0.43             |
| MWD             | 4        | 505             | 1.05        | 336.53      | 90               | 504.96     | 4.13          | 4.10         | -3.27        | 0.06             |
| MWD             | 5        | 596             | 0.84        | 311.39      | 91               | 595.95     | 5.34          | 5.31         | -4.10        | 0.50             |
| MWD             | 6        | 685             | 1.27        | 323.61      | 89               | 684.93     | 6.57          | 6.53         | -5.18        | 0.54             |
| MWD             | 7        | 776             | 1.14        | 320.27      | 91               | 775.91     | 8.09          | 8.04         | -6.36        | 0.16             |
| MWD             | 8        | 866             | 1.32        | 336.53      | 90               | 865.89     | 9.73          | 9.68         | -7.34        | 0.43             |
| MWD             | 9        | 961             | 1.49        | 337.32      | 95               | 960.86     | 11.88         | 11.83        | -8.25        | 0.18             |
| MWD             | 10       | 1056            | 1.67        | 330.37      | 95               | 1055.83    | 14.24         | 14.17        | -9.41        | 0.28             |
| MWD             | 11       | 1151            | 1.41        | 321.50      | 95               | 1150.79    | 16.36         | 16.29        | -10.83       | 0.37             |
| MWD             | 12       | 1179            | 0.97        | 298.56      | 28               | 1178.79    | 16.75         | 16.67        | -11.25       | 2.29             |
| MWD             | 13       | 1303            | 1.10        | 258.66      | 124              | 1302.77    | 17.03         | 16.94        | -13.34       | 0.58             |
| MWD             | 14       | 1398            | 3.16        | 205.48      | 95               | 1397.71    | 14.50         | 14.39        | -15.36       | 2.79             |
| MWD             | 15       | 1492            | 5.63        | 193.09      | 94               | 1491.42    | 7.69          | 7.56         | -17.52       | 2.80             |
| MWD             | 16       | 1587            | 7.87        | 182.37      | 95               | 1585.76    | -3.34         | -3.48        | -18.84       | 2.70             |
| MWD             | 17       | 1681            | 10.73       | 175.34      | 94               | 1678.52    | -18.50        | -18.63       | -18.40       | 3.27             |
| MWD             | 18       | 1776            | 10.90       | 177.18      | 95               | 1771.83    | -36.29        | -36.42       | -17.24       | 0.41             |
| MWD             | 19       | 1870            | 10.99       | 170.68      | 94               | 1864.13    | -54.03        | -54.14       | -15.35       | 1.32             |
| MWD             | 20       | 1964            | 11.43       | 166.19      | 94               | 1956.34    | -71.94        | -72.02       | -11.67       | 1.04             |
| MWD             | 21       | 2059            | 11.34       | 165.23      | 95               | 2049.47    | -90.14        | -90.20       | -7.05        | 0.22             |
| MWD             | 22       | 2153            | 11.34       | 164.35      | 94               | 2141.63    | -108.01       | -108.03      | -2.20        | 0.18             |
| MWD             | 23       | 2248            | 10.46       | 159.95      | 95               | 2234.92    | -125.15       | -125.13      | 3.28         | 1.27             |
| MWD             | 24       | 2342            | 10.33       | 157.05      | 94               | 2327.38    | -140.97       | -140.90      | 9.49         | 0.57             |
| MWD             | 25       | 2436            | 8.62        | 153.19      | 94               | 2420.09    | -155.06       | -154.95      | 15.96        | 1.94             |
| MWD             | 26       | 2531            | 7.43        | 150.20      | 95               | 2514.16    | -166.79       | -166.64      | 22.22        | 1.33             |
| MWD             | 27       | 2625            | 6.64        | 161.62      | 94               | 2607.46    | -177.26       | -177.07      | 26.95        | 1.70             |
| MWD             | 28       | 2719            | 7.12        | 174.02      | 94               | 2700.78    | -188.23       | -188.02      | 29.28        | 1.66             |
| MWD             | 29       | 2813            | 7.96        | 179.82      | 94               | 2793.97    | -200.53       | -200.32      | 29.90        | 1.20             |
| MWD             | 30       | 2906            | 7.52        | 177.88      | 93               | 2886.12    | -213.05       | -212.84      | 30.15        | 0.55             |
| MWD             | 31       | 3001            | 7.12        | 174.10      | 95               | 2980.35    | -225.13       | -224.91      | 30.98        | 0.66             |
| MWD             | 32       | 3095            | 8.62        | 176.39      | 94               | 3073.46    | -237.96       | -237.74      | 32.03        | 1.63             |
| MWD             | 33       | 3189            | 9.63        | 179.38      | 94               | 3166.27    | -252.86       | -252.63      | 32.55        | 1.19             |
| MWD             | 34       | 3284            | 8.57        | 177.53      | 95               | 3260.08    | -267.88       | -267.65      | 32.95        | 1.16             |
| MWD             | 35       | 3377            | 7.65        | 172.96      | 93               | 3352.15    | -280.95       | -280.72      | 34.00        | 1.21             |
| MWD             | 36       | 3471            | 6.81        | 163.56      | 94               | 3445.40    | -292.52       | -292.27      | 36.35        | 1.54             |
| MWD             | 37       | 3565            | 6.37        | 152.57      | 94               | 3538.78    | -302.53       | -302.25      | 40.33        | 1.42             |
| MWD             | 38       | 3659            | 6.55        | 160.31      | 94               | 3632.19    | -312.23       | -311.92      | 44.53        | 0.95             |
| MWD             | 39       | 3753            | 8.40        | 168.66      | 94               | 3725.39    | -324.04       | -323.70      | 47.69        | 2.28             |
| MWD             | 40       | 3847            | 9.36        | 172.52      | 94               | 3818.26    | -338.36       | -338.01      | 50.04        | 1.20             |
| MWD             | 41       | 3941            | 9.45        | 173.23      | 94               | 3911.00    | -353.62       | -353.26      | 51.94        | 0.16             |
| MWD             | 42       | 4035            | 9.58        | 174.81      | 94               | 4003.70    | -369.08       | -368.71      | 53.56        | 0.31             |
| MWD             | 43       | 4129            | 9.45        | 178.50      | 94               | 4096.41    | -384.59       | -384.21      | 54.47        | 0.66             |
| MWD             | 44       | 4223            | 8.92        | 179.73      | 94               | 4189.21    | -399.60       | -399.22      | 54.70        | 0.60             |
| MWD             | 45       | 4317            | 8.00        | 181.14      | 94               | 4282.18    | -413.42       | -413.04      | 54.61        | 1.00             |
| MWD             | 46       | 4410            | 7.96        | 184.65      | 93               | 4374.28    | -426.31       | -425.93      | 53.96        | 0.53             |
| MWD             | 47       | 4505            | 9.98        | 171.03      | 95               | 4468.13    | -441.00       | -440.62      | 54.71        | 3.07             |
| MWD             | 48       | 4598            | 10.37       | 163.47      | 93               | 4559.67    | -457.01       | -456.61      | 58.35        | 1.49             |
| MWD             | 49       | 4692            | 11.21       | 159.78      | 94               | 4652.01    | -473.74       | -473.29      | 63.91        | 1.16             |
| MWD             | 50       | 4785            | 12.00       | 159.16      | 93               | 4743.10    | -491.30       | -490.81      | 70.48        | 0.86             |
| MWD             | 51       | 4879            | 12.48       | 157.67      | 94               | 4834.97    | -509.88       | -509.34      | 77.81        | 0.61             |
| MWD             | 52       | 4974            | 12.40       | 154.77      | 95               | 4927.74    | -528.66       | -528.06      | 86.06        | 0.66             |
| MWD             | 53       | 5068            | 10.37       | 153.27      | 94               | 5019.88    | -545.41       | -544.75      | 94.17        | 2.18             |
| MWD             | 54       | 5162            | 8.88        | 153.89      | 94               | 5112.56    | -559.53       | -558.82      | 101.17       | 1.59             |
| MWD             | 55       | 5257            | 6.15        | 157.32      | 95               | 5206.73    | -570.85       | -570.10      | 106.36       | 2.91             |
| MWD             | 56       | 5350            | 6.02        | 153.01      | 93               | 5299.21    | -579.82       | -579.04      | 110.49       | 0.51             |
| MWD             | 57       | 5444            | 5.85        | 151.78      | 94               | 5392.71    | -588.46       | -587.66      | 114.99       | 0.23             |
| MWD             | 58       | 5539            | 5.89        | 150.46      | 95               | 5487.21    | -597.00       | -596.16      | 119.69       | 0.15             |
| MWD             | 59       | 5633            | 5.8         | 149.93      | 94               | 5580.72    | -605.35       | -604.47      | 124.44       | 0.11             |
| MWD             | 60       | 5727            | 5.49        | 149.32      | 94               | 5674.26    | -613.36       | -612.45      | 129.12       | 0.34             |
| MWD             | 61       | 5821            | 5.05        | 150.73      | 94               | 5767.87    | -620.86       | -619.92      | 133.43       | 0.49             |
| MWD             | 62       | 5915            | 6.59        | 160.57      | 94               | 5861.38    | -629.59       | -628.62      | 137.25       | 1.95             |

|     |     |       |       |        |    |          |         |         |        |       |
|-----|-----|-------|-------|--------|----|----------|---------|---------|--------|-------|
| MWD | 63  | 6010  | 6.64  | 161.45 | 95 | 5955.75  | -639.96 | -638.97 | 140.81 | 0.12  |
| MWD | 64  | 6105  | 6.24  | 161.45 | 95 | 6050.15  | -650.09 | -649.07 | 144.20 | 0.42  |
| MWD | 65  | 6199  | 5.71  | 159.43 | 94 | 6143.64  | -659.33 | -658.29 | 147.47 | 0.61  |
| MWD | 66  | 6293  | 5.63  | 162.77 | 94 | 6237.18  | -668.13 | -667.07 | 150.48 | 0.36  |
| MWD | 67  | 6387  | 6.15  | 163.12 | 94 | 6330.68  | -677.38 | -676.30 | 153.31 | 0.55  |
| MWD | 68  | 6481  | 5.93  | 161.89 | 94 | 6424.16  | -686.83 | -685.73 | 156.28 | 0.27  |
| MWD | 69  | 6576  | 5.89  | 175.77 | 95 | 6518.66  | -696.37 | -695.26 | 158.16 | 1.50  |
| MWD | 70  | 6670  | 6.24  | 186.85 | 94 | 6612.14  | -706.25 | -705.14 | 157.91 | 1.30  |
| MWD | 71  | 6765  | 5.89  | 184.83 | 95 | 6706.60  | -716.23 | -715.12 | 156.88 | 0.43  |
| MWD | 72  | 6859  | 5.58  | 182.89 | 94 | 6800.13  | -725.59 | -724.49 | 156.25 | 0.39  |
| MWD | 73  | 6953  | 5.36  | 182.54 | 94 | 6893.71  | -734.54 | -733.44 | 155.82 | 0.24  |
| MWD | 74  | 7048  | 4.97  | 185    | 95 | 6988.32  | -743.07 | -741.97 | 155.27 | 0.47  |
| MWD | 75  | 7142  | 4.75  | 183.95 | 94 | 7081.98  | -751.00 | -749.91 | 154.64 | 0.25  |
| MWD | 76  | 7236  | 4.48  | 183.77 | 94 | 7175.68  | -758.54 | -757.46 | 154.13 | 0.29  |
| MWD | 77  | 7331  | 4.09  | 180.26 | 95 | 7270.41  | -765.63 | -764.55 | 153.88 | 0.49  |
| MWD | 78  | 7425  | 4.09  | 179.91 | 94 | 7364.17  | -772.33 | -771.25 | 153.87 | 0.03  |
| MWD | 79  | 7519  | 3.82  | 180.87 | 94 | 7457.95  | -778.82 | -777.74 | 153.82 | 0.30  |
| MWD | 80  | 7614  | 3.56  | 180.96 | 95 | 7552.75  | -784.93 | -783.85 | 153.73 | 0.27  |
| MWD | 81  | 7708  | 3.65  | 182.89 | 94 | 7646.57  | -790.83 | -789.76 | 153.53 | 0.16  |
| MWD | 82  | 7803  | 2.51  | 176.74 | 95 | 7741.43  | -795.93 | -794.85 | 153.49 | 1.25  |
| MWD | 83  | 7897  | 1.98  | 177.01 | 94 | 7835.35  | -799.61 | -798.53 | 153.69 | 0.56  |
| MWD | 84  | 7992  | 1.89  | 181.49 | 95 | 7930.30  | -802.81 | -801.73 | 153.74 | 0.19  |
| MWD | 85  | 8086  | 1.93  | 179.55 | 94 | 8024.25  | -805.95 | -804.87 | 153.71 | 0.08  |
| MWD | 86  | 8180  | 1.85  | 187.64 | 94 | 8118.20  | -809.03 | -807.95 | 153.52 | 0.30  |
| MWD | 87  | 8273  | 1.54  | 181.31 | 93 | 8211.16  | -811.77 | -810.69 | 153.29 | 0.39  |
| MWD | 88  | 8368  | 1.45  | 181.84 | 95 | 8306.12  | -814.24 | -813.17 | 153.23 | 0.10  |
| MWD | 89  | 8461  | 0.35  | 101.95 | 93 | 8399.11  | -815.48 | -814.40 | 153.47 | 1.54  |
| MWD | 90  | 8555  | 0.66  | 68.64  | 94 | 8493.11  | -815.35 | -814.27 | 154.25 | 0.44  |
| MWD | 91  | 8649  | 0.57  | 77.86  | 94 | 8587.10  | -815.06 | -813.97 | 155.21 | 0.14  |
| MWD | 92  | 8743  | 0.57  | 75.49  | 94 | 8681.10  | -814.85 | -813.75 | 156.12 | 0.03  |
| MWD | 93  | 8837  | 1.32  | 12.83  | 94 | 8775.09  | -813.68 | -812.58 | 156.81 | 1.25  |
| MWD | 94  | 8930  | 1.71  | 6.41   | 93 | 8868.06  | -811.26 | -810.16 | 157.21 | 0.46  |
| MWD | 95  | 9024  | 1.36  | 11.51  | 94 | 8962.02  | -808.78 | -807.67 | 157.59 | 0.40  |
| MWD | 96  | 9118  | 1.36  | 2.89   | 94 | 9056.00  | -806.57 | -805.46 | 157.87 | 0.22  |
| MWD | 97  | 9214  | 1.19  | 357.27 | 96 | 9151.97  | -804.44 | -803.33 | 157.88 | 0.22  |
| MWD | 98  | 9308  | 1.23  | 340.04 | 94 | 9245.95  | -802.51 | -801.41 | 157.48 | 0.39  |
| MWD | 99  | 9402  | 1.36  | 338.37 | 94 | 9339.93  | -800.52 | -799.42 | 156.73 | 0.14  |
| MWD | 100 | 9496  | 1.41  | 352.17 | 94 | 9433.90  | -798.34 | -797.24 | 156.16 | 0.36  |
| MWD | 101 | 9546  | 1.41  | 353.14 | 50 | 9483.88  | -797.12 | -796.02 | 156.00 | 0.05  |
| MWD | 102 | 9598  | 1.58  | 359.20 | 52 | 9535.87  | -795.76 | -794.67 | 155.92 | 0.45  |
| MWD | 103 | 9692  | 1.63  | 344.61 | 94 | 9629.83  | -793.18 | -792.08 | 155.54 | 0.44  |
| MWD | 104 | 9786  | 1.45  | 351.03 | 94 | 9723.80  | -790.71 | -789.62 | 155.00 | 0.26  |
| MWD | 105 | 9879  | 0.97  | 7.90   | 93 | 9816.78  | -788.77 | -787.68 | 154.93 | 0.64  |
| MWD | 106 | 9973  | 0.70  | 36.64  | 94 | 9910.77  | -787.52 | -786.43 | 155.38 | 0.52  |
| MWD | 107 | 10067 | 1.19  | 40.25  | 94 | 10004.75 | -786.32 | -785.22 | 156.35 | 0.52  |
| MWD | 108 | 10160 | 1.01  | 37.26  | 93 | 10097.74 | -784.94 | -783.83 | 157.47 | 0.20  |
| MWD | 109 | 10254 | 1.10  | 86.04  | 94 | 10191.72 | -784.23 | -783.11 | 158.88 | 0.93  |
| MWD | 110 | 10348 | 1.10  | 102.83 | 94 | 10285.70 | -784.38 | -783.25 | 160.66 | 0.34  |
| MWD | 111 | 10442 | 0.79  | 123.39 | 94 | 10379.69 | -784.95 | -783.81 | 162.08 | 0.48  |
| MWD | 112 | 10537 | 1.41  | 141.15 | 95 | 10474.67 | -786.23 | -785.08 | 163.36 | 0.74  |
| MWD | 113 | 10632 | 2.20  | 123.83 | 95 | 10569.63 | -788.17 | -787.00 | 165.60 | 1.00  |
| MWD | 114 | 10726 | 2.77  | 132.62 | 94 | 10663.54 | -790.73 | -789.54 | 168.77 | 0.73  |
| MWD | 115 | 10820 | 2.46  | 147.83 | 94 | 10757.44 | -794.00 | -792.79 | 171.52 | 0.81  |
| MWD | 116 | 10915 | 1.67  | 165.67 | 95 | 10852.38 | -797.07 | -795.86 | 172.95 | 1.06  |
| MWD | 117 | 11009 | 2.15  | 147.12 | 94 | 10946.33 | -799.89 | -798.67 | 174.24 | 0.83  |
| MWD | 118 | 11103 | 1.67  | 137.28 | 94 | 11040.28 | -802.39 | -801.15 | 176.13 | 0.62  |
| MWD | 119 | 11198 | 1.89  | 119.52 | 95 | 11135.23 | -804.20 | -802.94 | 178.43 | 0.62  |
| MWD | 120 | 11292 | 1.63  | 114.69 | 94 | 11229.19 | -805.54 | -804.26 | 181.00 | 0.32  |
| MWD | 121 | 11387 | 2.51  | 131.13 | 95 | 11324.12 | -807.49 | -806.20 | 183.79 | 1.11  |
| MWD | 122 | 11481 | 2.11  | 138.07 | 94 | 11418.05 | -810.15 | -808.84 | 186.50 | 0.52  |
| MWD | 123 | 11576 | 1.10  | 176.65 | 95 | 11513.01 | -812.37 | -811.05 | 187.72 | 1.50  |
| MWD | 124 | 11670 | 0.57  | 175.16 | 94 | 11607.00 | -813.74 | -812.42 | 187.81 | 0.56  |
| MWD | 125 | 11765 | 0.48  | 194.76 | 95 | 11702.00 | -814.59 | -813.27 | 187.75 | 0.21  |
| MWD | 126 | 11860 | 0.31  | 331.69 | 95 | 11797.00 | -814.75 | -813.43 | 187.53 | 0.78  |
| MWD | 127 | 11954 | 0.40  | 312.01 | 94 | 11890.99 | -814.31 | -812.99 | 187.16 | 0.16  |
| MWD | 128 | 12048 | 0.31  | 124.89 | 94 | 11984.99 | -814.23 | -812.91 | 187.13 | 0.75  |
| MWD | 129 | 12142 | 0.22  | 182.01 | 94 | 12078.99 | -814.56 | -813.24 | 187.33 | 0.28  |
| MWD | 130 | 12236 | 0.88  | 218.40 | 94 | 12172.99 | -815.30 | -813.98 | 186.87 | 0.76  |
| MWD | 131 | 12331 | 0.84  | 209.09 | 95 | 12267.98 | -816.48 | -815.16 | 186.08 | 0.15  |
| MWD | 132 | 12426 | 1.19  | 210.14 | 95 | 12362.96 | -817.93 | -816.63 | 185.25 | 0.37  |
| MWD | 133 | 12445 | 1.27  | 209.96 | 19 | 12381.96 | -818.28 | -816.98 | 185.05 | 0.42  |
| MWD | 134 | 12486 | 1.23  | 201.00 | 41 | 12422.95 | -819.08 | -817.78 | 184.66 | 0.49  |
| MWD | 135 | 12581 | 13.93 | 2.63   | 95 | 12517.09 | -808.55 | -807.25 | 184.82 | 15.90 |
| MWD | 136 | 12675 | 38.68 | 1.84   | 94 | 12600.70 | -767.26 | -765.95 | 186.31 | 26.33 |
| MWD | 137 | 12769 | 41.58 | 3.95   | 94 | 12672.57 | -706.79 | -705.45 | 189.40 | 3.41  |
| MWD | 138 | 12863 | 44.00 | 1.22   | 94 | 12741.55 | -643.04 | -641.68 | 192.24 | 3.24  |

|     |     |       |       |        |     |          |         |         |        |       |
|-----|-----|-------|-------|--------|-----|----------|---------|---------|--------|-------|
| MWD | 139 | 12957 | 40.44 | 0.78   | 94  | 12811.15 | -579.90 | -578.53 | 193.35 | 3.80  |
| MWD | 140 | 13052 | 45.45 | 356.57 | 95  | 12880.68 | -515.24 | -513.88 | 191.75 | 6.07  |
| MWD | 141 | 13146 | 63.25 | 0.08   | 94  | 12935.26 | -439.20 | -437.85 | 189.79 | 19.17 |
| MWD | 142 | 13240 | 63.60 | 0.26   | 94  | 12977.31 | -355.13 | -353.78 | 190.03 | 0.41  |
| MWD | 143 | 13334 | 69.10 | 1.14   | 94  | 13015.01 | -269.08 | -267.72 | 191.10 | 5.91  |
| MWD | 144 | 13428 | 73.27 | 359.38 | 94  | 13045.32 | -180.13 | -178.76 | 191.49 | 4.78  |
| MWD | 145 | 13523 | 81.67 | 359.29 | 95  | 13065.91 | -87.48  | -86.12  | 190.41 | 8.84  |
| MWD | 146 | 13617 | 86.64 | 358.32 | 94  | 13075.48 | 6.00    | 7.34    | 188.46 | 5.39  |
| MWD | 147 | 13711 | 90.99 | 357.88 | 94  | 13077.43 | 99.92   | 101.25  | 185.34 | 4.65  |
| MWD | 148 | 13805 | 91.60 | 1.14   | 94  | 13075.30 | 193.88  | 195.21  | 184.54 | 3.53  |
| MWD | 149 | 13900 | 85.45 | 0.35   | 95  | 13077.74 | 288.79  | 290.12  | 185.77 | 6.53  |
| MWD | 150 | 13994 | 91.08 | 1.31   | 94  | 13080.59 | 382.68  | 384.03  | 187.13 | 6.08  |
| MWD | 151 | 14088 | 91.30 | 358.94 | 94  | 13078.64 | 476.65  | 478.00  | 187.34 | 2.53  |
| MWD | 152 | 14182 | 92.66 | 358.85 | 94  | 13075.39 | 570.59  | 571.93  | 185.53 | 1.45  |
| MWD | 153 | 14277 | 87.69 | 357.36 | 95  | 13075.10 | 665.52  | 666.84  | 182.39 | 5.46  |
| MWD | 154 | 14371 | 87.87 | 357.44 | 94  | 13078.74 | 759.38  | 760.68  | 178.13 | 0.21  |
| MWD | 155 | 14465 | 89.98 | 1.22   | 94  | 13080.50 | 853.34  | 854.63  | 177.03 | 4.60  |
| MWD | 156 | 14560 | 89.45 | 359.99 | 95  | 13080.98 | 948.32  | 949.62  | 178.03 | 1.41  |
| MWD | 157 | 14654 | 89.32 | 2.37   | 94  | 13081.99 | 1042.28 | 1043.59 | 179.97 | 2.54  |
| MWD | 158 | 14751 | 88.97 | 359.47 | 97  | 13083.43 | 1139.23 | 1140.56 | 181.53 | 3.01  |
| MWD | 159 | 14846 | 88.66 | 359.38 | 95  | 13085.40 | 1234.21 | 1235.53 | 180.57 | 0.34  |
| MWD | 160 | 14941 | 88.00 | 359.38 | 95  | 13088.17 | 1329.17 | 1330.48 | 179.54 | 0.69  |
| MWD | 161 | 15036 | 87.65 | 359.64 | 95  | 13091.77 | 1424.10 | 1425.41 | 178.73 | 0.46  |
| MWD | 162 | 15132 | 89.10 | 358.59 | 96  | 13094.50 | 1520.05 | 1521.36 | 177.25 | 1.86  |
| MWD | 163 | 15227 | 89.76 | 358.15 | 95  | 13095.44 | 1615.02 | 1616.31 | 174.55 | 0.83  |
| MWD | 164 | 15322 | 90.81 | 358.59 | 95  | 13094.97 | 1710.00 | 1711.27 | 171.85 | 1.20  |
| MWD | 165 | 15417 | 89.27 | 357.18 | 95  | 13094.90 | 1804.95 | 1806.20 | 168.34 | 2.20  |
| MWD | 166 | 15512 | 92.22 | 357.62 | 95  | 13093.67 | 1899.86 | 1901.09 | 164.03 | 3.14  |
| MWD | 167 | 15608 | 93.01 | 359.38 | 96  | 13089.29 | 1995.74 | 1996.95 | 161.52 | 2.01  |
| MWD | 168 | 15703 | 90.99 | 0.35   | 95  | 13085.97 | 2090.68 | 2091.89 | 161.30 | 2.36  |
| MWD | 169 | 15798 | 90.86 | 0.96   | 95  | 13084.44 | 2185.65 | 2186.87 | 162.38 | 0.66  |
| MWD | 170 | 15893 | 90.68 | 0.70   | 95  | 13083.16 | 2280.62 | 2281.85 | 163.76 | 0.33  |
| MWD | 171 | 15988 | 91.43 | 0.35   | 95  | 13081.41 | 2375.59 | 2376.83 | 164.63 | 0.87  |
| MWD | 172 | 16083 | 89.05 | 1.75   | 95  | 13081.01 | 2470.55 | 2471.80 | 166.37 | 2.91  |
| MWD | 173 | 16178 | 89.14 | 2.37   | 95  | 13082.51 | 2565.45 | 2566.73 | 169.78 | 0.66  |
| MWD | 174 | 16273 | 89.05 | 2.89   | 95  | 13084.01 | 2660.30 | 2661.62 | 174.14 | 0.56  |
| MWD | 175 | 16368 | 90.07 | 3.68   | 95  | 13084.74 | 2755.10 | 2756.45 | 179.59 | 1.36  |
| MWD | 176 | 16464 | 88.92 | 1.40   | 96  | 13085.59 | 2850.96 | 2852.35 | 183.84 | 2.66  |
| MWD | 177 | 16559 | 90.11 | 0.87   | 95  | 13086.39 | 2945.92 | 2947.32 | 185.72 | 1.37  |
| MWD | 178 | 16654 | 90.59 | 0.87   | 95  | 13085.81 | 3040.89 | 3042.31 | 187.16 | 0.51  |
| MWD | 179 | 16749 | 90.73 | 0.35   | 95  | 13084.72 | 3135.87 | 3137.30 | 188.18 | 0.57  |
| MWD | 180 | 16844 | 89.45 | 358.94 | 95  | 13084.57 | 3230.87 | 3232.29 | 187.59 | 2.00  |
| MWD | 181 | 16939 | 89.71 | 358.24 | 95  | 13085.27 | 3325.85 | 3327.26 | 185.25 | 0.79  |
| MWD | 182 | 17035 | 90.02 | 359.03 | 96  | 13085.49 | 3421.84 | 3423.23 | 182.96 | 0.88  |
| MWD | 183 | 17130 | 90.15 | 358.94 | 95  | 13085.35 | 3516.83 | 3518.22 | 181.28 | 0.17  |
| MWD | 184 | 17225 | 90.24 | 359.11 | 95  | 13085.03 | 3611.82 | 3613.20 | 179.66 | 0.20  |
| MWD | 185 | 17320 | 90.37 | 357.44 | 95  | 13084.52 | 3706.80 | 3708.16 | 176.80 | 1.76  |
| MWD | 186 | 17415 | 89.76 | 355.51 | 95  | 13084.42 | 3801.65 | 3802.97 | 170.96 | 2.13  |
| MWD | 187 | 17511 | 89.14 | 356.74 | 96  | 13085.34 | 3897.47 | 3898.74 | 164.48 | 1.43  |
| MWD | 188 | 17606 | 88.48 | 357.88 | 95  | 13087.31 | 3992.37 | 3993.62 | 160.02 | 1.39  |
| MWD | 189 | 17700 | 88.75 | 357.62 | 94  | 13089.58 | 4086.29 | 4087.52 | 156.33 | 0.40  |
| MWD | 190 | 17796 | 91.12 | 358.15 | 96  | 13089.69 | 4182.24 | 4183.44 | 152.79 | 2.53  |
| MWD | 191 | 17891 | 88.79 | 357.36 | 95  | 13089.77 | 4277.19 | 4278.36 | 149.07 | 2.59  |
| MWD | 192 | 17985 | 90.95 | 359.47 | 94  | 13089.98 | 4371.16 | 4372.32 | 146.47 | 3.21  |
| MWD | 193 | 18081 | 91.34 | 359.99 | 96  | 13088.06 | 4467.14 | 4468.30 | 146.01 | 0.68  |
| MWD | 194 | 18176 | 92.26 | 0.26   | 95  | 13085.08 | 4562.08 | 4563.25 | 146.22 | 1.01  |
| MWD | 195 | 18271 | 92.09 | 359.73 | 95  | 13081.47 | 4657.01 | 4658.18 | 146.21 | 0.59  |
| MWD | 196 | 18366 | 88.97 | 359.99 | 95  | 13080.59 | 4752.00 | 4753.16 | 145.98 | 3.30  |
| MWD | 197 | 18461 | 88.35 | 0.26   | 95  | 13082.81 | 4846.97 | 4848.14 | 146.19 | 0.71  |
| MWD | 198 | 18555 | 88.40 | 0.26   | 94  | 13085.48 | 4940.92 | 4942.10 | 146.61 | 0.05  |
| MWD | 199 | 18649 | 88.84 | 359.64 | 94  | 13087.74 | 5034.89 | 5036.07 | 146.53 | 0.81  |
| MWD | 200 | 18744 | 88.26 | 0.35   | 95  | 13090.15 | 5129.86 | 5131.04 | 146.52 | 0.96  |
| MWD | 201 | 18838 | 89.63 | 0.17   | 94  | 13091.88 | 5223.83 | 5225.02 | 146.95 | 1.47  |
| MWD | 202 | 18933 | 90.81 | 0.87   | 95  | 13091.51 | 5318.82 | 5320.01 | 147.81 | 1.44  |
| MWD | 203 | 19028 | 90.42 | 0.78   | 95  | 13090.49 | 5413.79 | 5415.00 | 149.18 | 0.42  |
| MWD | 204 | 19122 | 89.54 | 0.35   | 94  | 13090.53 | 5507.78 | 5508.99 | 150.11 | 1.04  |
| MWD | 205 | 19231 | 90.42 | 359.73 | 109 | 13090.56 | 5616.77 | 5617.99 | 150.18 | 0.99  |
| MWD | 206 | 19326 | 91.65 | 359.20 | 95  | 13088.85 | 5711.75 | 5712.97 | 149.30 | 1.41  |
| MWD | 207 | 19420 | 92.26 | 358.50 | 94  | 13085.64 | 5805.69 | 5806.89 | 147.41 | 0.99  |
| MWD | 208 | 19515 | 93.54 | 359.03 | 95  | 13080.84 | 5900.56 | 5901.75 | 145.37 | 1.46  |
| MWD | 209 | 19609 | 92.97 | 357.36 | 94  | 13075.50 | 5994.37 | 5995.54 | 142.41 | 1.87  |
| MWD | 210 | 19703 | 94.02 | 356.57 | 94  | 13069.77 | 6088.10 | 6089.24 | 137.44 | 1.40  |
| MWD | 211 | 19797 | 94.64 | 356.39 | 94  | 13062.67 | 6181.69 | 6182.79 | 131.69 | 0.69  |
| MWD | 212 | 19892 | 94.02 | 356.83 | 95  | 13055.50 | 6276.29 | 6277.35 | 126.09 | 0.80  |
| MWD | 213 | 19986 | 90.59 | 355.86 | 94  | 13051.72 | 6370.05 | 6371.07 | 120.10 | 3.79  |
| MWD | 214 | 20080 | 89.67 | 354.37 | 94  | 13051.50 | 6463.76 | 6464.73 | 112.09 | 1.86  |

|     |     |       |       |        |    |          |         |         |        |      |
|-----|-----|-------|-------|--------|----|----------|---------|---------|--------|------|
| MWD | 215 | 20174 | 87.25 | 353.49 | 94 | 13054.03 | 6557.26 | 6558.16 | 102.16 | 2.74 |
| MWD | 216 | 20268 | 89.01 | 355.51 | 94 | 13057.10 | 6650.83 | 6651.67 | 93.16  | 2.85 |
| MWD | 217 | 20363 | 91.74 | 358.24 | 95 | 13056.48 | 6745.70 | 6746.50 | 87.98  | 4.06 |
| MWD | 218 | 20457 | 90.95 | 359.20 | 94 | 13054.27 | 6839.66 | 6840.45 | 85.88  | 1.32 |
| MWD | 219 | 20551 | 91.91 | 359.91 | 94 | 13051.92 | 6933.63 | 6934.42 | 85.15  | 1.27 |
| MWD | 220 | 20645 | 92.84 | 359.99 | 94 | 13048.03 | 7027.55 | 7028.34 | 85.07  | 0.99 |
| MWD | 221 | 20739 | 93.58 | 0.08   | 94 | 13042.76 | 7121.40 | 7122.19 | 85.12  | 0.79 |
| MWD | 222 | 20833 | 93.27 | 359.99 | 94 | 13037.15 | 7215.23 | 7216.02 | 85.18  | 0.34 |
| MWD | 223 | 20928 | 93.54 | 0.26   | 95 | 13031.51 | 7310.06 | 7310.85 | 85.39  | 0.40 |
| MWD | 224 | 21021 | 94.73 | 358.94 | 93 | 13024.80 | 7402.81 | 7403.61 | 84.74  | 1.91 |
| MWD | 225 | 21114 | 96.18 | 358.94 | 93 | 13015.96 | 7495.38 | 7496.17 | 83.03  | 1.56 |
| MWD | 226 | 21209 | 94.15 | 0.43   | 95 | 13007.41 | 7589.99 | 7590.77 | 82.51  | 2.65 |
| MWD | 227 | 21302 | 91.56 | 1.40   | 93 | 13002.78 | 7682.84 | 7683.63 | 84.00  | 2.97 |
| MWD | 228 | 21396 | 88.53 | 3.25   | 94 | 13002.70 | 7776.71 | 7777.54 | 87.81  | 3.78 |
| MWD | 229 | 21491 | 89.63 | 3.16   | 95 | 13004.23 | 7871.51 | 7872.38 | 93.12  | 1.16 |
| MWD | 230 | 21585 | 86.07 | 3.42   | 94 | 13007.75 | 7965.23 | 7966.14 | 98.51  | 3.80 |
| MWD | 231 | 21680 | 86.95 | 2.45   | 95 | 13013.54 | 8059.90 | 8060.84 | 103.36 | 1.38 |
| MWD | 232 | 21774 | 87.16 | 0.26   | 94 | 13018.37 | 8153.72 | 8154.69 | 105.58 | 2.34 |
| MWD | 233 | 21869 | 89.49 | 0.08   | 95 | 13021.14 | 8248.67 | 8249.64 | 105.86 | 2.46 |
| MWD | 234 | 21963 | 88.79 | 0.52   | 94 | 13022.55 | 8342.65 | 8343.62 | 106.36 | 0.88 |
| MWD | 235 | 22057 | 89.54 | 359.91 | 94 | 13023.92 | 8436.63 | 8437.61 | 106.71 | 1.03 |
| MWD | 236 | 22151 | 88.66 | 0.70   | 94 | 13025.40 | 8530.61 | 8531.60 | 107.21 | 1.26 |
| MWD | 237 | 22245 | 86.24 | 1.58   | 94 | 13029.58 | 8624.48 | 8625.48 | 109.08 | 2.74 |
| MWD | 238 | 22339 | 87.25 | 1.05   | 94 | 13034.92 | 8718.28 | 8719.30 | 111.23 | 1.21 |
| MWD | 239 | 22433 | 87.82 | 359.99 | 94 | 13038.96 | 8812.18 | 8813.21 | 112.08 | 1.28 |
| MWD | 240 | 22528 | 87.16 | 359.47 | 95 | 13043.12 | 8907.09 | 8908.12 | 111.63 | 0.88 |
| MWD | 241 | 22622 | 86.42 | 357.71 | 94 | 13048.39 | 9000.92 | 9001.94 | 109.33 | 2.03 |
| MWD | 242 | 22717 | 88.57 | 359.82 | 95 | 13052.54 | 9095.81 | 9096.81 | 107.28 | 3.17 |
| MWD | 243 | 22811 | 87.03 | 358.85 | 94 | 13056.15 | 9189.74 | 9190.73 | 106.19 | 1.94 |
| MWD | 244 | 22906 | 91.38 | 0.61   | 95 | 13057.47 | 9284.70 | 9285.70 | 105.75 | 4.94 |
| MWD | 245 | 23000 | 90.29 | 358.50 | 94 | 13056.10 | 9378.68 | 9379.68 | 105.02 | 2.53 |
| MWD | 246 | 23094 | 89.80 | 355.95 | 94 | 13056.02 | 9472.60 | 9473.56 | 100.47 | 2.76 |
| MWD | 247 | 23189 | 89.85 | 354.19 | 95 | 13056.31 | 9567.30 | 9568.20 | 92.30  | 1.85 |
| MWD | 248 | 23244 | 89.80 | 353.31 | 55 | 13056.48 | 9622.01 | 9622.87 | 86.31  | 1.60 |
| PTB | 249 | 23310 | 89.80 | 353.31 | 66 | 13056.71 | 9687.61 | 9688.42 | 78.62  | 0.00 |

|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|-------------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|
| 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>                                                                                                                                                                                                                                                                                                                          |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| 4. Reason for filing:<br><br><input 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) |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               | 1. WELL API NO.                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               | 2. Type of Lease<br><input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN<br>3. State Oil & Gas Lease No. |          |               |
| 5. Lease Name or Unit Agreement Name                                                                                                                                                                                                                                                                                                                                           |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               | 6. Well Number:                                                                                                                                     |          |               |
| 7. Type of Completion:<br><input 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 _____                                                                                                                           |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| 8. Name of Operator<br>TAP ROCK OPERATING, LLC                                                                                                                                                                                                                                                                                                                                 |                       |                                                                                                                                                                                       |                              |           |                                                 | 9. OGRID<br>372043                    |                               |                                                                                                                                                     |          |               |
| 10. Address of Operator<br>523 PARK POINT DRIVE, SUITE 200, GOLDEN, CO                                                                                                                                                                                                                                                                                                         |                       |                                                                                                                                                                                       |                              |           |                                                 | 11. Pool name or Wildcat              |                               |                                                                                                                                                     |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                   | Unit Ltr              | Section                                                                                                                                                                               | Township                     | Range     | Lot                                             | Feet from the                         | N/S Line                      | Feet from the                                                                                                                                       | E/W Line | County        |
| Surface:                                                                                                                                                                                                                                                                                                                                                                       |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| BH:                                                                                                                                                                                                                                                                                                                                                                            |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| 13. Date Spudded                                                                                                                                                                                                                                                                                                                                                               | 14. Date T.D. Reached |                                                                                                                                                                                       | 15. Date Rig Released        |           |                                                 | 16. Date Completed (Ready to Produce) |                               | 17. Elevations (DF and RKB, RT, GR, etc.)                                                                                                           |          |               |
| 18. Total Measured Depth of Well                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                                                                                                       | 19. Plug Back Measured Depth |           |                                                 | 20. Was Directional Survey Made?      |                               | 21. Type Electric and Other Logs Run                                                                                                                |          |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                                                                                                                                                              |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                      |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                    |                       | WEIGHT LB./FT.                                                                                                                                                                        |                              | DEPTH SET |                                                 | HOLE SIZE                             |                               | CEMENTING RECORD                                                                                                                                    |          | AMOUNT PULLED |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                                                                                                       |                              |           |                                                 | 25. TUBING RECORD                     |                               |                                                                                                                                                     |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                           | TOP                   | BOTTOM                                                                                                                                                                                | SACKS CEMENT                 | SCREEN    | SIZE                                            | DEPTH SET                             | PACKER SET                    |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| 26. Perforation record (interval, size, and number)                                                                                                                                                                                                                                                                                                                            |                       |                                                                                                                                                                                       |                              |           | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           | DEPTH INTERVAL                                  |                                       | AMOUNT AND KIND MATERIAL USED |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                          |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| Date First Production                                                                                                                                                                                                                                                                                                                                                          |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)                                                                                                                   |                              |           |                                                 | Well Status (Prod. or Shut-in)        |                               |                                                                                                                                                     |          |               |
| Date of Test                                                                                                                                                                                                                                                                                                                                                                   | Hours Tested          | Choke Size                                                                                                                                                                            | Prod'n For Test Period       | Oil - Bbl | Gas - MCF                                       | Water - Bbl.                          | Gas - Oil Ratio               |                                                                                                                                                     |          |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                             | Casing Pressure       | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.                   | Gas - MCF | Water - Bbl.                                    | Oil Gravity - API - (Corr.)           |                               |                                                                                                                                                     |          |               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               | 30. Test Witnessed By                                                                                                                               |          |               |
| 31. List Attachments                                                                                                                                                                                                                                                                                                                                                           |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |
| 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                 |           | Title                                           |                                       | Date                          |                                                                                                                                                     |          |               |
| E-mail Address                                                                                                                                                                                                                                                                                                                                                                 |                       |                                                                                                                                                                                       |                              |           |                                                 |                                       |                               |                                                                                                                                                     |          |               |

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.

[illegible]

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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

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

**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 60565

**ACKNOWLEDGMENTS**

|                                                                                  |                                                    |
|----------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>TAP ROCK OPERATING, LLC<br>523 Park Point Drive<br>Golden, CO 80401 | OGRID:<br>372043                                   |
|                                                                                  | Action Number:<br>60565                            |
|                                                                                  | 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 60565

CONDITIONS

|                                                                                  |                                                    |
|----------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>TAP ROCK OPERATING, LLC<br>523 Park Point Drive<br>Golden, CO 80401 | OGRID:<br>372043                                   |
|                                                                                  | Action Number:<br>60565                            |
|                                                                                  | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| llowe      | None      | 3/25/2022      |