

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                                            |                                                              |                                                                   |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br><b>Avant Operating, LLC<br/>1515 Wynoop Street, Ste. 700<br/>Denver CO 80202</b> |                                                              | <sup>2</sup> OGRID Number<br><b>330396</b>                        |
|                                                                                                                            |                                                              | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 2/18/22 |
| <sup>4</sup> API Number<br><b>30 - 0 25-49324</b>                                                                          | <sup>5</sup> Pool Name<br>Antelope Ridge; Bone Spring, North | <sup>6</sup> Pool Code<br>2205                                    |
| <sup>7</sup> Property Code<br>331355                                                                                       | <sup>8</sup> Property Name<br>Golden Tee 31 Federal Com      | <sup>9</sup> Well Number<br>301H                                  |

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

| Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 31      | 22S      | 35E   | Lot 1   | 276           | N                | 1,200         | W              | 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 |
|-----------------------------|------------------------------------------|-------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| E                           | 6                                        | 23S                                             | 35E                               | Lot 5                              | 2,600                               | N                | 482           | W              | Lea    |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code F | <sup>14</sup> Gas Connection<br>Date<br>2/18/22 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

III. Oil and Gas Transporters

| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                            | <sup>20</sup> O/G/W |
|------------------------------------|--------------------------------------------------------------------------|---------------------|
| 214984                             | Plains Marketing, L.P.<br>333 Clay St., Ste. 1900<br>Houston TX 77002    | O                   |
| 372422                             | Lucid Energy Delaware, LLC<br>3100 McKinnon, Ste. 800<br>Dallas TX 75201 | G                   |
|                                    |                                                                          |                     |
|                                    |                                                                          |                     |
|                                    |                                                                          |                     |

IV. Well Completion Data

|                                      |                                     |                                            |                              |                                             |                       |
|--------------------------------------|-------------------------------------|--------------------------------------------|------------------------------|---------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>9/10/2021 | <sup>22</sup> Ready Date<br>2/18/22 | <sup>23</sup> TD<br>17,968 MD<br>9,864 TVD | <sup>24</sup> PBTd<br>17,897 | <sup>25</sup> Perforations<br>10,288-17,883 | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size              | <sup>28</sup> Casing & Tubing Size  | <sup>29</sup> Depth Set                    | <sup>30</sup> Sacks Cement   |                                             |                       |
| 17-1/2                               | 13-3/8                              | 1,890                                      | 1,085                        |                                             |                       |
| 12-1/4                               | 9-5/8                               | 5,605                                      | 2,990                        |                                             |                       |
| 5-1/2                                | 5-1/2                               | 17,850                                     | 3,015                        |                                             |                       |
|                                      |                                     |                                            |                              |                                             |                       |

V. Well Test Data

|                                       |                                            |                                    |                                 |                             |                                    |
|---------------------------------------|--------------------------------------------|------------------------------------|---------------------------------|-----------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>2/20/22 | <sup>32</sup> Gas Delivery Date<br>2/18/22 | <sup>33</sup> Test Date<br>3/16/22 | <sup>34</sup> Test Length<br>24 | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure<br>310 |
| <sup>37</sup> Choke Size<br>1/64      | <sup>38</sup> Oil<br>2688                  | <sup>39</sup> Water<br>4896        | <sup>40</sup> Gas<br>4807       |                             | <sup>41</sup> Test Method<br>F     |

|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>Sandra Belt</i><br>Printed name: <b>Sandra Belt</b><br>Title: <b>Regulatory Analyst</b><br>E-mail Address: <b>sandra@permianregulatory.com</b><br>Date:<br>Phone: <b>432-413-9797</b> | OIL CONSERVATION DIVISION             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | Approved by: <i>PATRICIA MARTINEZ</i> |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | Title: <i>PETROLEUM SPECIALIST</i>    |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | Approval Date: <i>5/9/2022</i>        |
|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |

**DISTRICT I**  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**DISTRICT II**  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 478-3480 Fax: (505) 478-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

AS-DRILLED

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                            |                                                                     |
|------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-49324</b> | <sup>2</sup> Pool Code<br><b>2205</b>                      | <sup>3</sup> Pool Name<br><b>Antelope Ridge; Bone Spring, North</b> |
| <sup>4</sup> Property Code<br><b>331355</b>    | <sup>5</sup> Property Name<br><b>Golden Tee 31 Fed Com</b> | <sup>6</sup> Well Number<br><b>301H</b>                             |
| <sup>7</sup> OGRID No.<br><b>330396</b>        | <sup>8</sup> Operator Name<br><b>Avant Operating, LLC</b>  | <sup>9</sup> Elevation<br><b>3454</b>                               |

<sup>10</sup> Surface Location

| UL or lot no. | Section   | Township    | Range       | Lot Idn      | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|--------------|---------------|------------------|---------------|----------------|------------|
| <b>D</b>      | <b>31</b> | <b>22 S</b> | <b>35 E</b> | <b>Lot 1</b> | <b>276</b>    | <b>North</b>     | <b>1200</b>   | <b>West</b>    | <b>Lea</b> |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section  | Township    | Range       | Lot Idn      | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|--------------|---------------|------------------|---------------|----------------|------------|
| <b>E</b>      | <b>6</b> | <b>23 S</b> | <b>35 E</b> | <b>Lot 5</b> | <b>2600</b>   | <b>North</b>     | <b>482</b>    | <b>West</b>    | <b>Lea</b> |

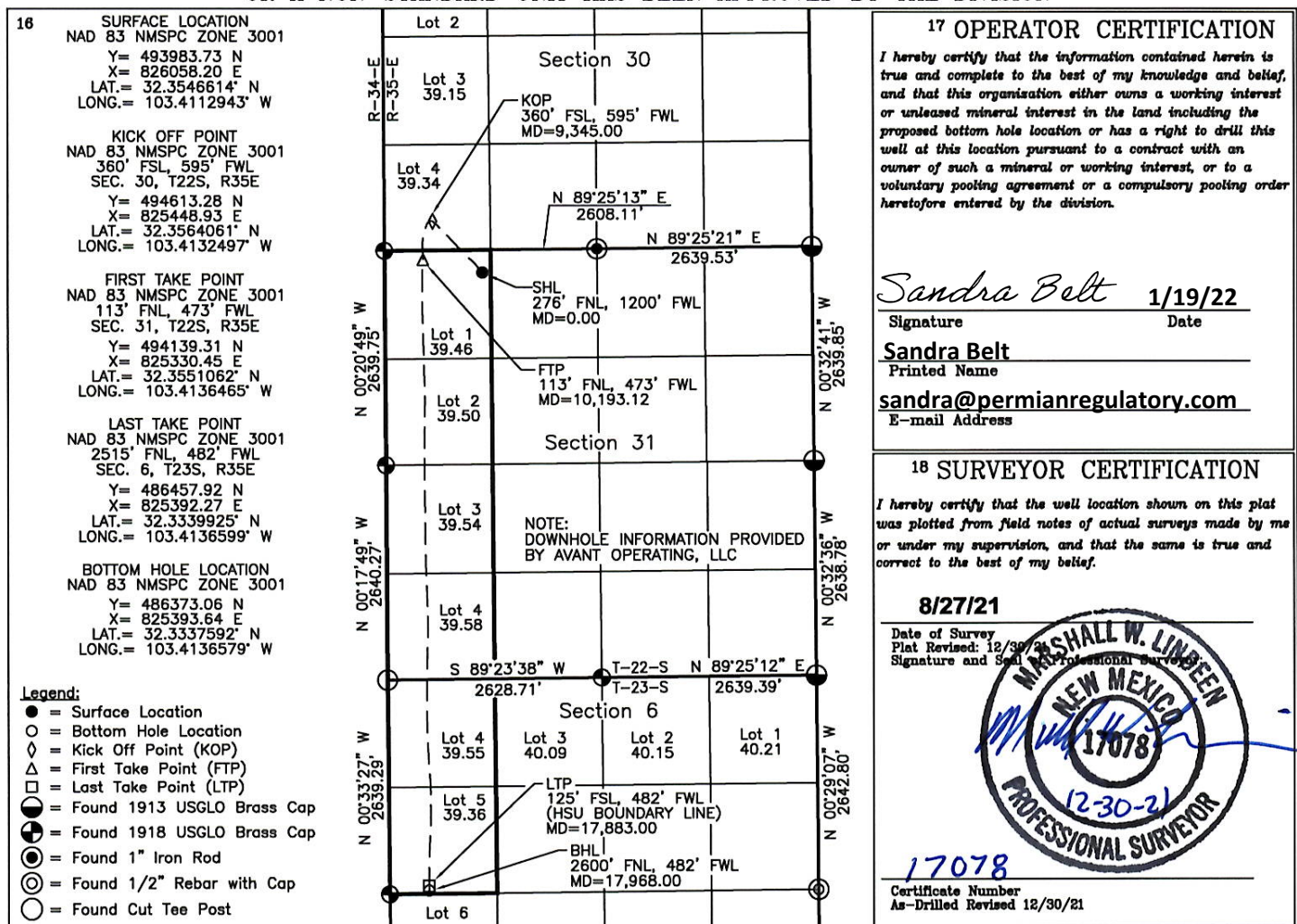
<sup>12</sup> Dedicated Acres  
SEC 31: Lot 1 (39.46), Lot 2 (39.50), Lot 3 (39.54),  
Lot 4 (39.58); SEC 6: Lot 4 (39.55), Lot 5 (39.36);  
TOTAL ACRES: 236.99

<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





# Avant Operating, LLC

Golden Tee 31 Fed Com 301H  
Lea Co., NM (NAD 83)  
Job No. WT-21-130  
Plan 1.0 As Drilled



Released to Imaging: 5/9/2022 1:33:16 PM

Received by OGD: 5/5/2022 7:52:40 AM

## SECTION DETAILS

| Sec | MD       | Inc   | Azi    | TVD     | +N/-S    | +E/-W   | Dleg  | TFace | VSect   | Target | Annotation   |
|-----|----------|-------|--------|---------|----------|---------|-------|-------|---------|--------|--------------|
| 1   | 17911.00 | 86.95 | 178.93 | 9860.68 | -7553.76 | -665.63 | 0.000 | 0.00  | 7548.93 |        | Last Aim Svy |
| 2   | 17968.00 | 86.95 | 178.93 | 9863.72 | -7610.67 | -664.56 | 0.000 | 0.00  | 7605.84 |        | Proj to BHL  |

## DESIGN TARGET DETAILS

| Name                    | TVD     | +N/-S    | +E/-W   | Northing  | Easting   | Latitude         | Longitude         |
|-------------------------|---------|----------|---------|-----------|-----------|------------------|-------------------|
| FTP GT 31 Fed Com 301H  | 9888.00 | 168.67   | -721.06 | 494152.40 | 825337.14 | 32° 21' 18.511 N | 103° 24' 49.048 W |
| LTP GT 31 Fed Com 301H  | 9888.00 | -7550.63 | -667.25 | 486433.10 | 825390.95 | 32° 20' 2.127 N  | 103° 24' 49.194 W |
| PBHL GT 31 Fed Com 301H | 9888.00 | -7550.63 | -667.25 | 486433.10 | 825390.95 | 32° 20' 2.127 N  | 103° 24' 49.194 W |

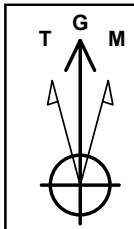
Drawn By: KRN  
Date Created: 9/3/2021  
Date Revised: 10/22/2021  
Avant - Golden Tee 31 Fed Com 301H  
As Drilled Plan 1.0.wpc

## SITE DETAILS: Golden Tee 31 Fed Com 301H

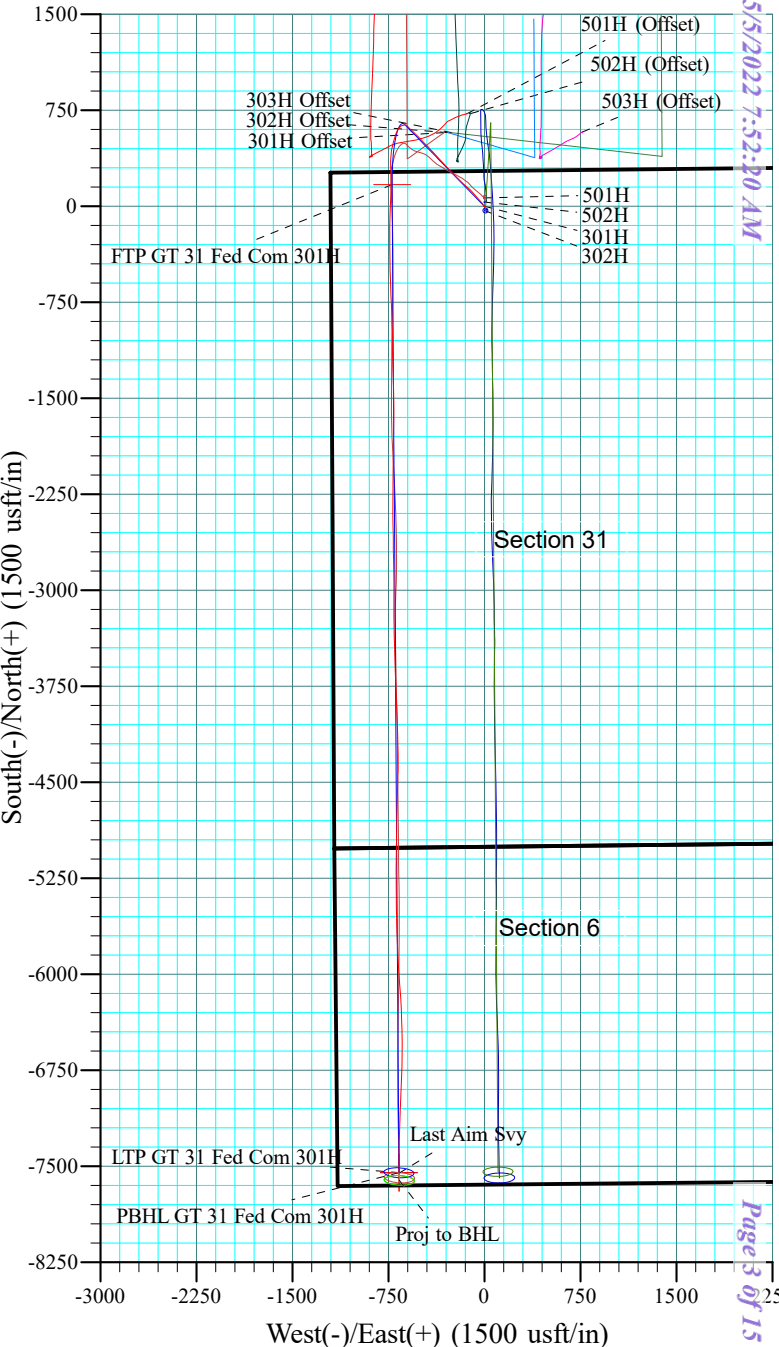
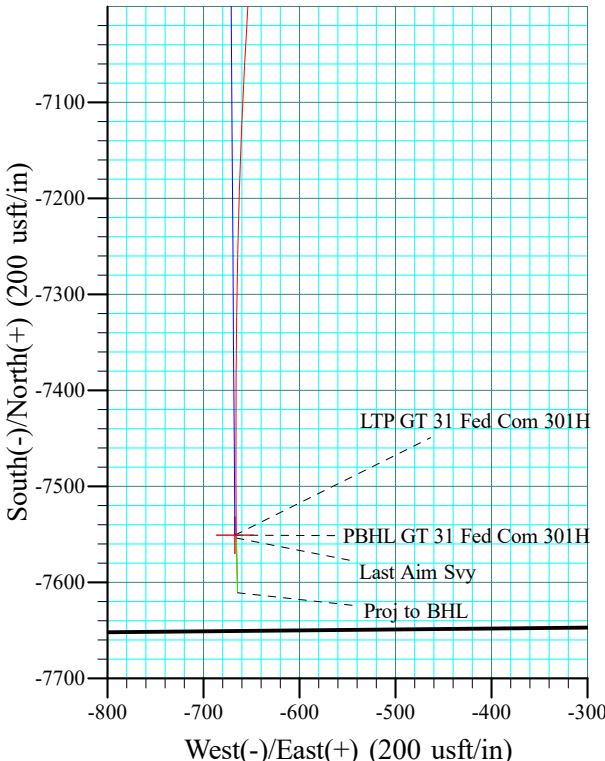
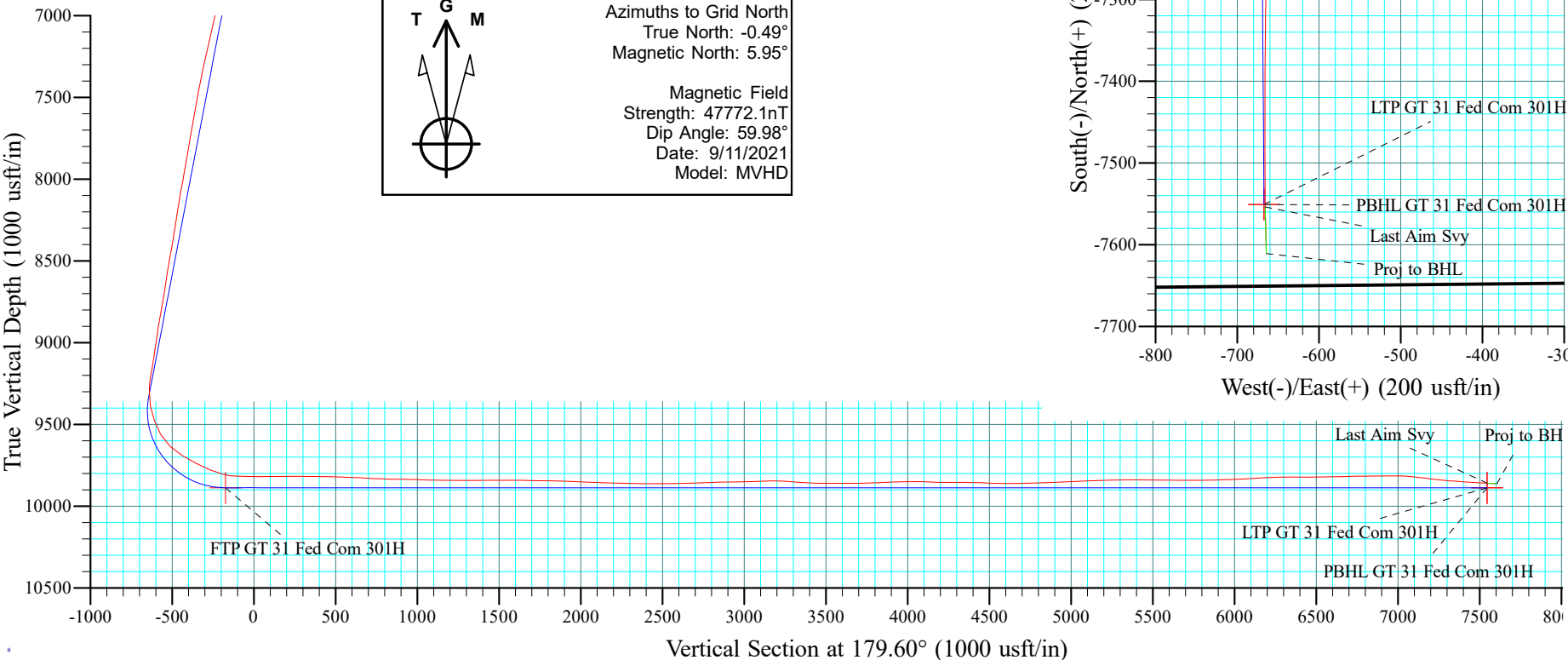
Site Centre Northing: 493983.73  
Easting: 826058.20  
  
Positional Uncertainty: 0.00  
Convergence: 0.49  
Local North: Grid

## PROJECT DETAILS: Lea Co., NM (NAD 83)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
  
System Datum: Mean Sea Level



Azimuths to Grid North  
True North: -0.49°  
Magnetic North: 5.95°  
  
Magnetic Field  
Strength: 47772.1nT  
Dip Angle: 59.98°  
Date: 9/11/2021  
Model: MVHD







## Aim Directional Services, LLC

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Avant Operating, LLC       | <b>Local Co-ordinate Reference:</b> | Well 301H                       |
| <b>Project:</b>  | Lea Co., NM (NAD 83)       | <b>TVD Reference:</b>               | Well @ 3480.00usft (H&P 462)    |
| <b>Site:</b>     | Golden Tee 31 Fed Com 301H | <b>MD Reference:</b>                | Well @ 3480.00usft (H&P 462)    |
| <b>Well:</b>     | 301H                       | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | Drilling                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys                    | <b>Database:</b>                    | RTOC- EDM 5000.1 Single User Db |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | Lea Co., NM (NAD 83)      |                      |                |
| <b>Map System:</b> | US State Plane 1983       | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983 |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone   |                      |                |

|                              |                            |                          |                   |
|------------------------------|----------------------------|--------------------------|-------------------|
| <b>Site</b>                  | Golden Tee 31 Fed Com 301H |                          |                   |
| <b>Site Position:</b>        |                            | <b>Northing:</b>         | 493,983.73 usft   |
| <b>From:</b>                 | Map                        | <b>Easting:</b>          | 826,058.20 usft   |
| <b>Position Uncertainty:</b> | 0.00 usft                  | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                            | <b>Latitude:</b>         | 32° 21' 16.781 N  |
|                              |                            | <b>Longitude:</b>        | 103° 24' 40.660 W |
|                              |                            | <b>Grid Convergence:</b> | 0.49 °            |

|                             |              |                            |                                  |
|-----------------------------|--------------|----------------------------|----------------------------------|
| <b>Well</b>                 | 301H         |                            |                                  |
| <b>Well Position</b>        | <b>+N/-S</b> | 0.00 usft                  | <b>Northing:</b> 493,983.73 usft |
|                             | <b>+E/-W</b> | 0.00 usft                  | <b>Easting:</b> 826,058.20 usft  |
| <b>Position Uncertainty</b> | 0.00 usft    | <b>Wellhead Elevation:</b> | usft                             |
|                             |              | <b>Latitude:</b>           | 32° 21' 16.781 N                 |
|                             |              | <b>Longitude:</b>          | 103° 24' 40.660 W                |
|                             |              | <b>Ground Level:</b>       | 3,453.00 usft                    |

|                  |                   |                    |                                       |
|------------------|-------------------|--------------------|---------------------------------------|
| <b>Wellbore</b>  | Drilling          |                    |                                       |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b>                |
|                  | MVHD              | 9/11/2021          | 6.45                                  |
|                  |                   |                    | <b>Dip Angle (°)</b> 59.98            |
|                  |                   |                    | <b>Field Strength (nT)</b> 47,772.060 |

|                          |                                |                      |                             |
|--------------------------|--------------------------------|----------------------|-----------------------------|
| <b>Design</b>            | Surveys                        |                      |                             |
| <b>Audit Notes:</b>      |                                |                      |                             |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>        | ACTUAL                      |
|                          |                                | <b>Tie On Depth:</b> | 0.00                        |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b>  | <b>+E/-W (usft)</b>         |
|                          | 0.00                           | 0.00                 | 0.00                        |
|                          |                                |                      | <b>Direction (°)</b> 179.60 |

|                       |                  |                          |                  |                    |
|-----------------------|------------------|--------------------------|------------------|--------------------|
| <b>Survey Program</b> | <b>Date</b>      | 10/22/2021               |                  |                    |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |
| 227.00                | 17,968.00        | Aim MWD Svys (Drilling)  | B001Mb_MWD+HRGM  | OWSG MWD + HRGM    |

|                              |                        |                    |                              |                     |                     |                                |                              |                             |                            |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|------------------------------|-----------------------------|----------------------------|
| <b>Survey</b>                |                        |                    |                              |                     |                     |                                |                              |                             |                            |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</b> |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.000                        | 0.000                       | 0.000                      |
| 227.00                       | 0.31                   | 239.49             | 227.00                       | -0.31               | -0.53               | 0.31                           | 0.137                        | 0.137                       | 0.000                      |
| <b>First Aim Svy</b>         |                        |                    |                              |                     |                     |                                |                              |                             |                            |
| 408.00                       | 0.26                   | 144.92             | 408.00                       | -0.90               | -0.71               | 0.89                           | 0.232                        | -0.028                      | -52.249                    |
| 497.00                       | 0.22                   | 137.88             | 497.00                       | -1.19               | -0.48               | 1.19                           | 0.056                        | -0.045                      | -7.910                     |
| 589.00                       | 0.13                   | 126.81             | 589.00                       | -1.38               | -0.28               | 1.38                           | 0.104                        | -0.098                      | -12.033                    |
| 679.00                       | 0.26                   | 108.88             | 679.00                       | -1.51               | -0.01               | 1.51                           | 0.158                        | 0.144                       | -19.922                    |
| 770.00                       | 0.18                   | 156.25             | 770.00                       | -1.71               | 0.25                | 1.71                           | 0.210                        | -0.088                      | 52.055                     |
| 860.00                       | 0.18                   | 69.33              | 859.99                       | -1.79               | 0.43                | 1.79                           | 0.275                        | 0.000                       | -96.578                    |
| 950.00                       | 0.26                   | 162.41             | 949.99                       | -1.93               | 0.63                | 1.94                           | 0.360                        | 0.089                       | 103.422                    |
| 1,045.00                     | 0.22                   | 126.90             | 1,044.99                     | -2.25               | 0.84                | 2.25                           | 0.159                        | -0.042                      | -37.379                    |



## Aim Directional Services, LLC

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Avant Operating, LLC       | <b>Local Co-ordinate Reference:</b> | Well 301H                       |
| <b>Project:</b>  | Lea Co., NM (NAD 83)       | <b>TVD Reference:</b>               | Well @ 3480.00usft (H&P 462)    |
| <b>Site:</b>     | Golden Tee 31 Fed Com 301H | <b>MD Reference:</b>                | Well @ 3480.00usft (H&P 462)    |
| <b>Well:</b>     | 301H                       | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | Drilling                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys                    | <b>Database:</b>                    | RTOC- EDM 5000.1 Single User Db |

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| 1,140.00              | 0.18            | 105.36      | 1,139.99              | -2.40        | 1.13         | 2.40                    | 0.089                 | -0.042               | -22.674             |
| 1,235.00              | 0.22            | 142.10      | 1,234.99              | -2.58        | 1.39         | 2.59                    | 0.139                 | 0.042                | 38.674              |
| 1,329.00              | 0.18            | 102.11      | 1,328.99              | -2.75        | 1.64         | 2.76                    | 0.151                 | -0.043               | -42.542             |
| 1,424.00              | 0.13            | 212.77      | 1,423.99              | -2.87        | 1.73         | 2.89                    | 0.270                 | -0.053               | 116.484             |
| 1,518.00              | 0.13            | 113.01      | 1,517.99              | -3.01        | 1.77         | 3.02                    | 0.212                 | 0.000                | -106.127            |
| 1,707.00              | 0.09            | 11.06       | 1,706.99              | -2.94        | 1.99         | 2.96                    | 0.091                 | -0.021               | -53.942             |
| 1,802.00              | 0.18            | 147.20      | 1,801.99              | -3.00        | 2.09         | 3.01                    | 0.266                 | 0.095                | 143.305             |
| 1,836.00              | 0.00            | 103.43      | 1,835.99              | -3.04        | 2.12         | 3.06                    | 0.529                 | -0.529               | 0.000               |
| 1,993.00              | 0.18            | 55.95       | 1,992.99              | -2.90        | 2.32         | 2.92                    | 0.115                 | 0.115                | 0.000               |
| 2,182.00              | 0.70            | 55.44       | 2,181.98              | -2.08        | 3.52         | 2.11                    | 0.275                 | 0.275                | -0.270              |
| 2,277.00              | 0.53            | 50.17       | 2,276.98              | -1.47        | 4.34         | 1.50                    | 0.188                 | -0.179               | -5.547              |
| 2,371.00              | 0.57            | 64.41       | 2,370.97              | -0.99        | 5.09         | 1.03                    | 0.151                 | 0.043                | 15.149              |
| 2,466.00              | 0.62            | 75.31       | 2,465.97              | -0.66        | 6.01         | 0.70                    | 0.130                 | 0.053                | 11.474              |
| 2,561.00              | 0.62            | 85.59       | 2,560.96              | -0.49        | 7.02         | 0.53                    | 0.117                 | 0.000                | 10.821              |
| 2,655.00              | 0.48            | 86.20       | 2,654.96              | -0.42        | 7.92         | 0.48                    | 0.149                 | -0.149               | 0.649               |
| 2,750.00              | 0.57            | 248.80      | 2,749.96              | -0.57        | 7.88         | 0.62                    | 1.093                 | 0.095                | 171.158             |
| 2,844.00              | 0.97            | 265.50      | 2,843.95              | -0.80        | 6.65         | 0.84                    | 0.484                 | 0.426                | 17.766              |
| 3,034.00              | 0.75            | 256.89      | 3,033.93              | -1.20        | 3.84         | 1.23                    | 0.134                 | -0.116               | -4.532              |
| 3,128.00              | 0.66            | 248.71      | 3,127.92              | -1.54        | 2.73         | 1.56                    | 0.143                 | -0.096               | -8.702              |
| 3,223.00              | 0.62            | 237.90      | 3,222.92              | -2.01        | 1.79         | 2.03                    | 0.134                 | -0.042               | -11.379             |
| 3,318.00              | 0.62            | 233.86      | 3,317.91              | -2.59        | 0.94         | 2.60                    | 0.046                 | 0.000                | -4.253              |
| 3,413.00              | 0.44            | 235.27      | 3,412.91              | -3.10        | 0.22         | 3.10                    | 0.190                 | -0.189               | 1.484               |
| 3,507.00              | 0.09            | 188.77      | 3,506.90              | -3.38        | -0.09        | 3.38                    | 0.408                 | -0.372               | -49.468             |
| 3,602.00              | 0.35            | 100.27      | 3,601.90              | -3.50        | 0.19         | 3.51                    | 0.378                 | 0.274                | -93.158             |
| 3,697.00              | 0.66            | 85.50       | 3,696.90              | -3.51        | 1.02         | 3.52                    | 0.351                 | 0.326                | -15.547             |
| 3,792.00              | 0.97            | 70.47       | 3,791.89              | -3.20        | 2.32         | 3.22                    | 0.394                 | 0.326                | -15.821             |
| 3,887.00              | 1.36            | 62.91       | 3,886.87              | -2.42        | 4.08         | 2.45                    | 0.440                 | 0.411                | -7.958              |
| 3,982.00              | 0.35            | 266.73      | 3,981.86              | -1.92        | 4.80         | 1.96                    | 1.775                 | -1.063               | -164.400            |
| 4,076.00              | 0.66            | 254.51      | 4,075.86              | -2.08        | 3.99         | 2.11                    | 0.347                 | 0.330                | -13.000             |
| 4,171.00              | 0.70            | 252.58      | 4,170.85              | -2.40        | 2.91         | 2.42                    | 0.049                 | 0.042                | -2.032              |
| 4,266.00              | 0.57            | 265.15      | 4,265.85              | -2.62        | 1.88         | 2.63                    | 0.200                 | -0.137               | 13.232              |
| 4,360.00              | 0.48            | 257.68      | 4,359.84              | -2.74        | 1.03         | 2.75                    | 0.120                 | -0.096               | -7.947              |
| 4,455.00              | 0.53            | 273.06      | 4,454.84              | -2.80        | 0.21         | 2.80                    | 0.152                 | 0.053                | 16.189              |
| 4,550.00              | 0.53            | 272.88      | 4,549.84              | -2.76        | -0.67        | 2.75                    | 0.002                 | 0.000                | -0.189              |
| 4,644.00              | 0.53            | 275.78      | 4,643.83              | -2.69        | -1.54        | 2.68                    | 0.029                 | 0.000                | 3.085               |
| 4,739.00              | 0.44            | 265.85      | 4,738.83              | -2.67        | -2.34        | 2.66                    | 0.129                 | -0.095               | -10.453             |
| 4,834.00              | 0.35            | 287.39      | 4,833.83              | -2.61        | -2.98        | 2.59                    | 0.181                 | -0.095               | 22.674              |
| 5,023.00              | 0.09            | 287.75      | 5,022.82              | -2.39        | -3.67        | 2.37                    | 0.138                 | -0.138               | 0.190               |
| 5,118.00              | 0.26            | 322.19      | 5,117.82              | -2.20        | -3.87        | 2.17                    | 0.203                 | 0.179                | 36.253              |
| 5,307.00              | 0.09            | 141.84      | 5,306.82              | -1.98        | -4.05        | 1.95                    | 0.185                 | -0.090               | 95.053              |
| 5,497.00              | 0.44            | 111.25      | 5,496.82              | -2.36        | -3.27        | 2.34                    | 0.192                 | 0.184                | -16.100             |
| 5,553.00              | 0.18            | 78.03       | 5,552.82              | -2.42        | -2.99        | 2.40                    | 0.546                 | -0.464               | -59.321             |
| 5,678.00              | 0.40            | 109.23      | 5,677.82              | -2.52        | -2.38        | 2.51                    | 0.210                 | 0.176                | 24.960              |



## Aim Directional Services, LLC

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Avant Operating, LLC       | <b>Local Co-ordinate Reference:</b> | Well 301H                       |
| <b>Project:</b>  | Lea Co., NM (NAD 83)       | <b>TVD Reference:</b>               | Well @ 3480.00usft (H&P 462)    |
| <b>Site:</b>     | Golden Tee 31 Fed Com 301H | <b>MD Reference:</b>                | Well @ 3480.00usft (H&P 462)    |
| <b>Well:</b>     | 301H                       | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | Drilling                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys                    | <b>Database:</b>                    | RTOC- EDM 5000.1 Single User Db |

| Survey                |                 |             |                       |              |              |                         |                       |                      |                     |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 5,773.00              | 3.38            | 343.28      | 5,772.77              | 0.05         | -2.88        | -0.07                   | 3.820                 | 3.137                | -132.579            |  |
| 5,868.00              | 6.51            | 332.03      | 5,867.40              | 7.49         | -6.21        | -7.53                   | 3.434                 | 3.295                | -11.842             |  |
| 5,962.00              | 9.80            | 322.45      | 5,960.44              | 18.54        | -13.59       | -18.64                  | 3.775                 | 3.500                | -10.191             |  |
| 6,057.00              | 12.88           | 319.20      | 6,053.58              | 32.97        | -25.43       | -33.15                  | 3.310                 | 3.242                | -3.421              |  |
| 6,152.00              | 15.60           | 318.15      | 6,145.65              | 50.51        | -40.88       | -50.79                  | 2.876                 | 2.863                | -1.105              |  |
| 6,246.00              | 16.35           | 318.67      | 6,236.02              | 69.86        | -58.05       | -70.26                  | 0.812                 | 0.798                | 0.553               |  |
| 6,341.00              | 16.92           | 319.29      | 6,327.05              | 90.38        | -75.90       | -90.90                  | 0.628                 | 0.600                | 0.653               |  |
| 6,435.00              | 17.32           | 319.11      | 6,416.88              | 111.32       | -93.98       | -111.98                 | 0.429                 | 0.426                | -0.191              |  |
| 6,530.00              | 17.32           | 311.82      | 6,507.58              | 131.44       | -113.78      | -132.23                 | 2.283                 | 0.000                | -7.674              |  |
| 6,625.00              | 17.54           | 309.80      | 6,598.22              | 150.04       | -135.31      | -150.98                 | 0.678                 | 0.232                | -2.126              |  |
| 6,719.00              | 17.54           | 310.68      | 6,687.85              | 168.34       | -156.94      | -169.43                 | 0.282                 | 0.000                | 0.936               |  |
| 6,814.00              | 17.36           | 312.61      | 6,778.48              | 187.26       | -178.22      | -188.50                 | 0.638                 | -0.189               | 2.032               |  |
| 6,909.00              | 17.32           | 314.81      | 6,869.16              | 206.82       | -198.69      | -208.21                 | 0.691                 | -0.042               | 2.316               |  |
| 7,003.00              | 17.32           | 316.13      | 6,958.90              | 226.77       | -218.31      | -228.29                 | 0.418                 | 0.000                | 1.404               |  |
| 7,098.00              | 17.41           | 316.13      | 7,049.57              | 247.21       | -237.96      | -248.87                 | 0.095                 | 0.095                | 0.000               |  |
| 7,193.00              | 17.41           | 316.39      | 7,140.22              | 267.75       | -257.61      | -269.54                 | 0.082                 | 0.000                | 0.274               |  |
| 7,287.00              | 16.92           | 316.74      | 7,230.03              | 287.89       | -276.69      | -289.82                 | 0.533                 | -0.521               | 0.372               |  |
| 7,382.00              | 16.53           | 317.53      | 7,321.01              | 307.93       | -295.29      | -309.98                 | 0.475                 | -0.411               | 0.832               |  |
| 7,477.00              | 14.77           | 316.92      | 7,412.49              | 326.74       | -312.68      | -328.92                 | 1.861                 | -1.853               | -0.642              |  |
| 7,572.00              | 14.20           | 316.39      | 7,504.47              | 344.03       | -328.99      | -346.31                 | 0.616                 | -0.600               | -0.558              |  |
| 7,666.00              | 13.58           | 315.16      | 7,595.72              | 360.20       | -344.73      | -362.60                 | 0.731                 | -0.660               | -1.309              |  |
| 7,761.00              | 12.79           | 316.65      | 7,688.21              | 375.75       | -359.81      | -378.26                 | 0.905                 | -0.832               | 1.568               |  |
| 7,856.00              | 13.67           | 318.94      | 7,780.69              | 391.87       | -374.40      | -394.47                 | 1.078                 | 0.926                | 2.411               |  |
| 7,951.00              | 12.53           | 319.91      | 7,873.22              | 408.22       | -388.41      | -410.92                 | 1.222                 | -1.200               | 1.021               |  |
| 8,045.00              | 13.01           | 317.88      | 7,964.89              | 423.86       | -402.07      | -426.66                 | 0.699                 | 0.511                | -2.160              |  |
| 8,140.00              | 14.33           | 316.48      | 8,057.20              | 440.32       | -417.34      | -443.22                 | 1.432                 | 1.389                | -1.474              |  |
| 8,235.00              | 12.79           | 315.86      | 8,149.55              | 456.39       | -432.76      | -459.40                 | 1.628                 | -1.621               | -0.653              |  |
| 8,330.00              | 12.13           | 316.21      | 8,242.31              | 471.15       | -446.99      | -474.25                 | 0.699                 | -0.695               | 0.368               |  |
| 8,425.00              | 11.87           | 314.98      | 8,335.24              | 485.26       | -460.81      | -488.46                 | 0.384                 | -0.274               | -1.295              |  |
| 8,519.00              | 14.95           | 315.42      | 8,426.66              | 500.73       | -476.16      | -504.04                 | 3.278                 | 3.277                | 0.468               |  |
| 8,614.00              | 13.14           | 316.57      | 8,518.82              | 517.30       | -492.19      | -520.73                 | 1.928                 | -1.905               | 1.211               |  |
| 8,709.00              | 11.69           | 317.36      | 8,611.60              | 532.22       | -506.13      | -535.75                 | 1.537                 | -1.526               | 0.832               |  |
| 8,804.00              | 12.22           | 313.05      | 8,704.54              | 546.17       | -520.00      | -549.79                 | 1.093                 | 0.558                | -4.537              |  |
| 8,898.00              | 15.34           | 313.40      | 8,795.82              | 561.51       | -536.31      | -565.24                 | 3.320                 | 3.319                | 0.372               |  |
| 8,993.00              | 13.05           | 314.28      | 8,887.91              | 577.63       | -553.12      | -581.48                 | 2.421                 | -2.411               | 0.926               |  |
| 9,088.00              | 11.52           | 314.10      | 8,980.73              | 591.72       | -567.61      | -595.67                 | 1.611                 | -1.611               | -0.189              |  |
| 9,183.00              | 12.66           | 315.51      | 9,073.63              | 605.75       | -581.72      | -609.80                 | 1.240                 | 1.200                | 1.484               |  |
| 9,278.00              | 13.32           | 313.93      | 9,166.20              | 620.77       | -596.90      | -624.92                 | 0.789                 | 0.695                | -1.663              |  |
| 9,319.00              | 13.10           | 313.67      | 9,206.11              | 627.25       | -603.66      | -631.45                 | 0.556                 | -0.537               | -0.634              |  |
| 9,414.00              | 15.52           | 274.20      | 9,298.37              | 635.64       | -624.17      | -639.98                 | 10.362                | 2.547                | -41.547             |  |
| 9,509.00              | 20.53           | 238.52      | 9,388.95              | 627.84       | -651.15      | -632.37                 | 12.510                | 5.274                | -37.558             |  |
| 9,603.00              | 22.20           | 211.45      | 9,476.70              | 604.03       | -674.53      | -608.72                 | 10.550                | 1.777                | -28.798             |  |
| 9,698.00              | 30.59           | 195.72      | 9,561.82              | 565.33       | -690.49      | -570.14                 | 11.429                | 8.832                | -16.558             |  |



## Aim Directional Services, LLC

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Avant Operating, LLC       | <b>Local Co-ordinate Reference:</b> | Well 301H                       |
| <b>Project:</b>  | Lea Co., NM (NAD 83)       | <b>TVD Reference:</b>               | Well @ 3480.00usft (H&P 462)    |
| <b>Site:</b>     | Golden Tee 31 Fed Com 301H | <b>MD Reference:</b>                | Well @ 3480.00usft (H&P 462)    |
| <b>Well:</b>     | 301H                       | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | Drilling                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys                    | <b>Database:</b>                    | RTOC- EDM 5000.1 Single User Db |

## Survey

| Measured Depth (usft)         | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| 9,793.00                      | 48.62           | 199.50      | 9,634.72              | 507.98       | -709.10      | -512.92                 | 19.140                | 18.979               | 3.979               |
| 9,887.00                      | 59.47           | 188.86      | 9,689.93              | 434.38       | -727.19      | -439.45                 | 14.712                | 11.543               | -11.319             |
| 9,982.00                      | 62.59           | 179.19      | 9,736.03              | 351.62       | -732.91      | -356.73                 | 9.487                 | 3.284                | -10.179             |
| 10,077.00                     | 65.67           | 177.00      | 9,777.48              | 266.21       | -730.05      | -271.30                 | 3.849                 | 3.242                | -2.305              |
| 10,171.00                     | 77.27           | 179.72      | 9,807.30              | 177.28       | -727.57      | -182.35                 | 12.640                | 12.340               | 2.894               |
| 10,193.12                     | 80.50           | 181.19      | 9,811.57              | 155.58       | -727.75      | -160.66                 | 16.005                | 14.614               | 6.652               |
| <b>FTP GT 31 Fed Com 301H</b> |                 |             |                       |              |              |                         |                       |                      |                     |
| 10,211.00                     | 83.12           | 182.36      | 9,814.11              | 137.89       | -728.30      | -142.97                 | 16.005                | 14.639               | 6.536               |
| 10,288.00                     | 89.98           | 183.32      | 9,818.74              | 61.17        | -732.10      | -66.28                  | 8.995                 | 8.909                | 1.247               |
| 10,382.00                     | 89.27           | 181.65      | 9,819.36              | -32.74       | -736.18      | 27.60                   | 1.930                 | -0.755               | -1.777              |
| 10,477.00                     | 90.15           | 180.25      | 9,819.84              | -127.72      | -737.75      | 122.56                  | 1.741                 | 0.926                | -1.474              |
| 10,571.00                     | 91.25           | 180.60      | 9,818.69              | -221.71      | -738.45      | 216.55                  | 1.228                 | 1.170                | 0.372               |
| 10,666.00                     | 89.71           | 179.63      | 9,817.90              | -316.70      | -738.64      | 311.54                  | 1.916                 | -1.621               | -1.021              |
| 10,760.00                     | 88.44           | 178.93      | 9,819.41              | -410.68      | -737.46      | 405.52                  | 1.543                 | -1.351               | -0.745              |
| 10,855.00                     | 89.27           | 178.67      | 9,821.31              | -505.64      | -735.47      | 500.49                  | 0.916                 | 0.874                | -0.274              |
| 10,950.00                     | 86.77           | 178.05      | 9,824.59              | -600.53      | -732.75      | 595.40                  | 2.711                 | -2.632               | -0.653              |
| 11,045.00                     | 86.95           | 177.87      | 9,829.80              | -695.33      | -729.38      | 690.22                  | 0.268                 | 0.189                | -0.189              |
| 11,139.00                     | 88.09           | 177.87      | 9,833.87              | -789.18      | -725.89      | 784.09                  | 1.213                 | 1.213                | 0.000               |
| 11,234.00                     | 89.58           | 177.87      | 9,835.80              | -884.09      | -722.36      | 879.02                  | 1.568                 | 1.568                | 0.000               |
| 11,328.00                     | 88.44           | 179.19      | 9,837.42              | -978.04      | -719.95      | 972.99                  | 1.855                 | -1.213               | 1.404               |
| 11,423.00                     | 88.35           | 179.19      | 9,840.08              | -1,072.99    | -718.60      | 1,067.95                | 0.095                 | -0.095               | 0.000               |
| 11,518.00                     | 88.88           | 178.84      | 9,842.38              | -1,167.95    | -716.97      | 1,162.92                | 0.669                 | 0.558                | -0.368              |
| 11,613.00                     | 89.63           | 178.23      | 9,843.61              | -1,262.91    | -714.54      | 1,257.89                | 1.018                 | 0.789                | -0.642              |
| 11,707.00                     | 90.86           | 177.79      | 9,843.21              | -1,356.85    | -711.28      | 1,351.85                | 1.390                 | 1.309                | -0.468              |
| 11,802.00                     | 89.80           | 179.37      | 9,842.66              | -1,451.82    | -708.92      | 1,446.83                | 2.003                 | -1.116               | 1.663               |
| 11,897.00                     | 90.51           | 179.37      | 9,842.41              | -1,546.81    | -707.88      | 1,541.83                | 0.747                 | 0.747                | 0.000               |
| 11,991.00                     | 89.45           | 180.42      | 9,842.44              | -1,640.81    | -707.71      | 1,635.83                | 1.587                 | -1.128               | 1.117               |
| 12,085.00                     | 88.57           | 180.86      | 9,844.06              | -1,734.78    | -708.76      | 1,729.79                | 1.047                 | -0.936               | 0.468               |
| 12,180.00                     | 89.23           | 180.69      | 9,845.89              | -1,829.76    | -710.04      | 1,824.76                | 0.717                 | 0.695                | -0.179              |
| 12,275.00                     | 87.16           | 180.60      | 9,848.88              | -1,924.70    | -711.11      | 1,919.69                | 2.181                 | -2.179               | -0.095              |
| 12,369.00                     | 87.52           | 180.51      | 9,853.24              | -2,018.59    | -712.02      | 2,013.57                | 0.395                 | 0.383                | -0.096              |
| 12,464.00                     | 89.05           | 180.16      | 9,856.09              | -2,113.55    | -712.58      | 2,108.52                | 1.652                 | 1.611                | -0.368              |
| 12,559.00                     | 87.82           | 180.77      | 9,858.68              | -2,208.51    | -713.35      | 2,203.47                | 1.445                 | -1.295               | 0.642               |
| 12,654.00                     | 88.26           | 180.60      | 9,861.93              | -2,303.44    | -714.48      | 2,298.40                | 0.496                 | 0.463                | -0.179              |
| 12,749.00                     | 89.27           | 179.72      | 9,863.98              | -2,398.42    | -714.75      | 2,393.37                | 1.410                 | 1.063                | -0.926              |
| 12,843.00                     | 91.65           | 179.10      | 9,863.22              | -2,492.40    | -713.78      | 2,487.36                | 2.616                 | 2.532                | -0.660              |
| 12,938.00                     | 90.73           | 179.28      | 9,861.25              | -2,587.37    | -712.44      | 2,582.34                | 0.987                 | -0.968               | 0.189               |
| 13,033.00                     | 90.95           | 179.02      | 9,859.86              | -2,682.35    | -711.03      | 2,677.32                | 0.358                 | 0.232                | -0.274              |
| 13,128.00                     | 92.66           | 179.02      | 9,856.86              | -2,777.29    | -709.40      | 2,772.27                | 1.800                 | 1.800                | 0.000               |
| 13,222.00                     | 91.34           | 178.93      | 9,853.58              | -2,871.21    | -707.72      | 2,866.20                | 1.408                 | -1.404               | -0.096              |
| 13,316.00                     | 90.51           | 179.37      | 9,852.07              | -2,965.19    | -706.33      | 2,960.19                | 0.999                 | -0.883               | 0.468               |
| 13,410.00                     | 92.48           | 180.16      | 9,849.61              | -3,059.15    | -705.94      | 3,054.15                | 2.258                 | 2.096                | 0.840               |
| 13,505.00                     | 91.52           | 180.69      | 9,846.30              | -3,154.09    | -706.65      | 3,149.08                | 1.154                 | -1.011               | 0.558               |
| 13,599.00                     | 86.55           | 179.10      | 9,847.88              | -3,248.04    | -706.48      | 3,243.03                | 5.551                 | -5.287               | -1.691              |



## Aim Directional Services, LLC

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Avant Operating, LLC       | <b>Local Co-ordinate Reference:</b> | Well 301H                       |
| <b>Project:</b>  | Lea Co., NM (NAD 83)       | <b>TVD Reference:</b>               | Well @ 3480.00usft (H&P 462)    |
| <b>Site:</b>     | Golden Tee 31 Fed Com 301H | <b>MD Reference:</b>                | Well @ 3480.00usft (H&P 462)    |
| <b>Well:</b>     | 301H                       | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | Drilling                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys                    | <b>Database:</b>                    | RTOC- EDM 5000.1 Single User Db |

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| 13,693.00             | 85.85           | 178.23      | 9,854.11              | -3,341.81    | -704.29      | 3,336.81                | 1.186                 | -0.745               | -0.926              |
| 13,788.00             | 87.82           | 178.14      | 9,859.36              | -3,436.61    | -701.29      | 3,431.63                | 2.076                 | 2.074                | -0.095              |
| 13,882.00             | 90.81           | 178.14      | 9,860.48              | -3,530.55    | -698.24      | 3,525.58                | 3.181                 | 3.181                | 0.000               |
| 13,977.00             | 89.32           | 179.19      | 9,860.37              | -3,625.52    | -696.02      | 3,620.57                | 1.919                 | -1.568               | 1.105               |
| 14,071.00             | 90.68           | 177.35      | 9,860.37              | -3,719.47    | -693.19      | 3,714.54                | 2.434                 | 1.447                | -1.957              |
| 14,165.00             | 92.97           | 177.52      | 9,857.38              | -3,813.32    | -688.98      | 3,808.42                | 2.443                 | 2.436                | 0.181               |
| 14,260.00             | 92.13           | 177.79      | 9,853.15              | -3,908.14    | -685.10      | 3,903.27                | 0.929                 | -0.884               | 0.284               |
| 14,354.00             | 91.21           | 178.14      | 9,850.41              | -4,002.04    | -681.76      | 3,997.19                | 1.047                 | -0.979               | 0.372               |
| 14,449.00             | 88.44           | 177.96      | 9,850.70              | -4,096.98    | -678.53      | 4,092.14                | 2.922                 | -2.916               | -0.189              |
| 14,544.00             | 87.52           | 178.93      | 9,854.05              | -4,191.88    | -675.95      | 4,187.06                | 1.407                 | -0.968               | 1.021               |
| 14,639.00             | 90.55           | 179.46      | 9,855.65              | -4,286.85    | -674.62      | 4,282.03                | 3.238                 | 3.189                | 0.558               |
| 14,734.00             | 89.54           | 180.34      | 9,855.58              | -4,381.85    | -674.45      | 4,377.03                | 1.410                 | -1.063               | 0.926               |
| 14,828.00             | 87.34           | 181.65      | 9,858.14              | -4,475.79    | -676.08      | 4,470.96                | 2.724                 | -2.340               | 1.394               |
| 14,923.00             | 88.44           | 181.48      | 9,861.63              | -4,570.69    | -678.68      | 4,565.84                | 1.172                 | 1.158                | -0.179              |
| 15,018.00             | 90.77           | 181.57      | 9,862.29              | -4,665.65    | -681.20      | 4,660.78                | 2.454                 | 2.453                | 0.095               |
| 15,113.00             | 92.31           | 181.39      | 9,859.73              | -4,760.58    | -683.66      | 4,755.69                | 1.632                 | 1.621                | -0.189              |
| 15,207.00             | 92.31           | 181.39      | 9,855.95              | -4,854.47    | -685.94      | 4,849.57                | 0.000                 | 0.000                | 0.000               |
| 15,302.00             | 92.22           | 181.04      | 9,852.19              | -4,949.38    | -687.95      | 4,944.45                | 0.380                 | -0.095               | -0.368              |
| 15,396.00             | 90.59           | 179.46      | 9,849.89              | -5,043.34    | -688.36      | 5,038.41                | 2.415                 | -1.734               | -1.681              |
| 15,491.00             | 94.42           | 180.69      | 9,845.73              | -5,138.23    | -688.48      | 5,133.30                | 4.234                 | 4.032                | 1.295               |
| 15,585.00             | 91.47           | 180.16      | 9,840.91              | -5,232.09    | -689.18      | 5,227.15                | 3.188                 | -3.138               | -0.564              |
| 15,680.00             | 90.46           | 180.25      | 9,839.31              | -5,327.08    | -689.52      | 5,322.13                | 1.067                 | -1.063               | 0.095               |
| 15,774.00             | 89.10           | 179.28      | 9,839.67              | -5,421.07    | -689.13      | 5,416.13                | 1.777                 | -1.447               | -1.032              |
| 15,868.00             | 89.58           | 178.75      | 9,840.75              | -5,515.05    | -687.52      | 5,510.12                | 0.761                 | 0.511                | -0.564              |
| 15,963.00             | 89.32           | 178.23      | 9,841.66              | -5,610.02    | -685.01      | 5,605.10                | 0.612                 | -0.274               | -0.547              |
| 16,058.00             | 89.49           | 177.79      | 9,842.65              | -5,704.95    | -681.71      | 5,700.05                | 0.497                 | 0.179                | -0.463              |
| 16,153.00             | 91.03           | 177.70      | 9,842.22              | -5,799.87    | -677.98      | 5,795.00                | 1.624                 | 1.621                | -0.095              |
| 16,247.00             | 90.86           | 176.82      | 9,840.67              | -5,893.75    | -673.48      | 5,888.91                | 0.953                 | -0.181               | -0.936              |
| 16,342.00             | 92.48           | 176.29      | 9,837.90              | -5,988.54    | -667.78      | 5,983.73                | 1.794                 | 1.705                | -0.558              |
| 16,437.00             | 93.36           | 175.24      | 9,833.06              | -6,083.15    | -660.77      | 6,078.39                | 1.441                 | 0.926                | -1.105              |
| 16,532.00             | 93.76           | 175.94      | 9,827.16              | -6,177.69    | -653.48      | 6,172.98                | 0.847                 | 0.421                | 0.737               |
| 16,626.00             | 91.03           | 177.70      | 9,823.23              | -6,271.45    | -648.27      | 6,266.77                | 3.454                 | -2.904               | 1.872               |
| 16,721.00             | 89.45           | 178.58      | 9,822.83              | -6,366.39    | -645.19      | 6,361.74                | 1.904                 | -1.663               | 0.926               |
| 16,816.00             | 89.89           | 180.34      | 9,823.38              | -6,461.39    | -644.29      | 6,456.73                | 1.910                 | 0.463                | 1.853               |
| 16,910.00             | 92.26           | 179.46      | 9,821.62              | -6,555.36    | -644.13      | 6,550.70                | 2.689                 | 2.521                | -0.936              |
| 17,005.00             | 90.55           | 180.25      | 9,819.29              | -6,650.33    | -643.89      | 6,645.67                | 1.983                 | -1.800               | 0.832               |
| 17,100.00             | 91.78           | 180.77      | 9,817.36              | -6,745.30    | -644.74      | 6,740.64                | 1.406                 | 1.295                | 0.547               |
| 17,194.00             | 89.19           | 181.57      | 9,816.56              | -6,839.27    | -646.65      | 6,834.59                | 2.884                 | -2.755               | 0.851               |
| 17,289.00             | 91.96           | 182.80      | 9,815.61              | -6,934.19    | -650.28      | 6,929.48                | 3.190                 | 2.916                | 1.295               |
| 17,383.00             | 87.91           | 183.41      | 9,815.71              | -7,028.03    | -655.37      | 7,023.28                | 4.357                 | -4.309               | 0.649               |
| 17,477.00             | 82.59           | 182.27      | 9,823.50              | -7,121.55    | -660.01      | 7,116.77                | 5.787                 | -5.660               | -1.213              |
| 17,572.00             | 83.69           | 181.57      | 9,834.84              | -7,215.82    | -663.17      | 7,211.01                | 1.370                 | 1.158                | -0.737              |
| 17,666.00             | 85.05           | 180.77      | 9,844.06              | -7,309.34    | -665.08      | 7,304.52                | 1.676                 | 1.447                | -0.851              |





# Aim Directional Services, LLC

## Survey Report



|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Avant Operating, LLC       | <b>Local Co-ordinate Reference:</b> | Well 301H                       |
| <b>Project:</b>  | Lea Co., NM (NAD 83)       | <b>TVD Reference:</b>               | Well @ 3480.00usft (H&P 462)    |
| <b>Site:</b>     | Golden Tee 31 Fed Com 301H | <b>MD Reference:</b>                | Well @ 3480.00usft (H&P 462)    |
| <b>Well:</b>     | 301H                       | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | Drilling                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | Surveys                    | <b>Database:</b>                    | RTOC- EDM 5000.1 Single User Db |

| Survey                                           |                 |             |                       |              |              |                         |                       |                      |                     |  |
|--------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft)                            | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 17,760.00                                        | 86.07           | 180.42      | 9,851.34              | -7,403.05    | -666.05      | 7,398.22                | 1.147                 | 1.085                | -0.372              |  |
| 17,855.00                                        | 86.51           | 179.81      | 9,857.49              | -7,497.85    | -666.24      | 7,493.02                | 0.791                 | 0.463                | -0.642              |  |
| 17,909.42                                        | 86.94           | 178.95      | 9,860.60              | -7,552.18    | -665.66      | 7,547.35                | 1.755                 | 0.786                | -1.571              |  |
| LTP GT 31 Fed Com 301H - PBHL GT 31 Fed Com 301H |                 |             |                       |              |              |                         |                       |                      |                     |  |
| 17,911.00                                        | 86.95           | 178.93      | 9,860.68              | -7,553.76    | -665.63      | 7,548.93                | 1.755                 | 0.786                | -1.571              |  |
| Last Aim Svy                                     |                 |             |                       |              |              |                         |                       |                      |                     |  |
| 17,968.00                                        | 86.95           | 178.93      | 9,863.72              | -7,610.67    | -664.56      | 7,605.84                | 0.000                 | 0.000                | 0.000               |  |
| Proj to BHL                                      |                 |             |                       |              |              |                         |                       |                      |                     |  |

| Survey Annotations    |                       |                   |              |               |  |
|-----------------------|-----------------------|-------------------|--------------|---------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |               |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment       |  |
| 227.00                | 227.00                | -0.31             | -0.53        | First Aim Svy |  |
| 17,911.00             | 9,860.68              | -7,553.76         | -665.63      | Last Aim Svy  |  |
| 17,968.00             | 9,863.72              | -7,610.67         | -664.56      | Proj to BHL   |  |

Intent ☐ As Drilled ☐

|                                        |                                             |                     |
|----------------------------------------|---------------------------------------------|---------------------|
| API #<br>30-025-49324                  |                                             |                     |
| Operator Name:<br>Avant Operating, LLC | Property Name:<br>Golden Tee 31 Federal Com | Well Number<br>301H |

## Kick Off Point (KOP)

|                        |               |                 |              |          |                           |               |             |               |               |
|------------------------|---------------|-----------------|--------------|----------|---------------------------|---------------|-------------|---------------|---------------|
| UL<br>M                | Section<br>30 | Township<br>22S | Range<br>35E | Lot<br>4 | Feet<br>360               | From N/S<br>S | Feet<br>595 | From E/W<br>W | County<br>Lea |
| Latitude<br>32.3564061 |               |                 |              |          | Longitude<br>-103.4132497 |               |             | NAD<br>83     |               |

## First Take Point (FTP)

|                        |               |                 |              |     |                           |               |             |               |               |
|------------------------|---------------|-----------------|--------------|-----|---------------------------|---------------|-------------|---------------|---------------|
| UL<br>D                | Section<br>31 | Township<br>22S | Range<br>35E | Lot | Feet<br>113               | From N/S<br>N | Feet<br>473 | From E/W<br>W | County<br>Lea |
| Latitude<br>32.3551062 |               |                 |              |     | Longitude<br>-103.4136465 |               |             | NAD<br>83     |               |

## Last Take Point (LTP)

|                        |              |                 |              |          |                           |               |              |               |               |
|------------------------|--------------|-----------------|--------------|----------|---------------------------|---------------|--------------|---------------|---------------|
| UL<br>E                | Section<br>6 | Township<br>23S | Range<br>35E | Lot<br>5 | Feet<br>2515'             | From N/S<br>N | Feet<br>482' | From E/W<br>W | County<br>Lea |
| Latitude<br>32.3339925 |              |                 |              |          | Longitude<br>-103.4136599 |               |              | NAD<br>83     |               |

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

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

|                                        |                                             |                     |
|----------------------------------------|---------------------------------------------|---------------------|
| API #<br>30-025-49325                  |                                             |                     |
| Operator Name:<br>Avant Operating, LLC | Property Name:<br>Golden Tee 31 Federal Com | Well Number<br>302H |

KZ 06/29/2018

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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

|                                                                                                                                                                                                                           |  |                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)                    |  | WELL API NO.<br>30-025-49324                                                             |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                                            |  | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator<br>Avant Operating, LLC                                                                                                                                                                               |  | 6. State Oil & Gas Lease No. 331355<br>FEDERAL WELL: LEASE # NMNM128836                  |
| 3. Address of Operator<br>1515 Wynkoop St., Ste 700 Denver CO 80202                                                                                                                                                       |  | 7. Lease Name or Unit Agreement Name<br>Golden Tee 31 Federal Com                        |
| 4. Well Location<br>Unit Letter <u>D</u> : <u>276</u> feet from the <u>N</u> line and <u>1200</u> feet from the <u>W</u> line<br>Section <u>31</u> Township <u>22S</u> Range <u>35E</u> NMMPM <u>NM</u> County <u>LEA</u> |  | 8. Well Number 301H                                                                      |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3454                                                                                                                                                                |  | 9. OGRID Number 330396                                                                   |
|                                                                                                                                                                                                                           |  | 10. Pool name or Wildcat<br>Antelope Ridge; Bone Spring, North                           |

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

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

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

Avant Operating, LLC respectfully wishes to report the completion of this well as follows:

12/9/21: Pressure test 5-1/2" production casing to 10,000#. Good test.

12/9 through 12/18/21: Perf and frac stages 1-48. Perfs 10,288' – 17,883'; 1680 holes. Frac w/ 21,023,058 gals fluid and 19,978,000# proppant.

1/5/22: Drill out plugs. PBDT @ 17,897'.

2/18/22: Start flowback.

2/20/22: First show of oil.

3/16/22: Well turned over to production.

Spud Date:

9/10/21

Rig Release Date:

10/22/21

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

SIGNATURE Sandra Belt TITLE Regulatory Analyst DATE \_\_\_\_\_

Type or print name Sandra Belt E-mail address: sandra@permianregulatory PHONE: 432.413.9797

**For State Use Only**

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

Conditions of Approval (if any):

|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------|--------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------|------------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                          |                                          | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                               |                          | <b>Form C-105</b><br>Revised April 3, 2017 |                                                         |                                                                       |                                                                         |            |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       | 5. Lease Name or Unit Agreement Name<br><b>Golden Te 31 Federal Com</b> |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       | 6. Well Number:<br><br><b>301H</b>                                      |            |               |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| 8. Name of Operator<br><b>Avant Operating, LLC</b>                                                                                                                                                                                                                                                                                                                                        |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         | 9. OGRID<br><b>330396</b>                                             |                                                                         |            |               |
| 10. Address of Operator<br><b>1515 Wynkoop St., Ste. 700</b><br><b>Denver Co 80202</b>                                                                                                                                                                                                                                                                                                    |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         | 11. Pool name or Wildcat<br><b>Antelope Ridge; Bone Spring, North</b> |                                                                         |            |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                                 | Section                                                                                                                                                                               | Township                                      | Range                    | Lot                                        | Feet from the                                           | N/S Line                                                              | Feet from the                                                           | E/W Line   | County        |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | <b>D</b>                                 | <b>31</b>                                                                                                                                                                             | <b>22S</b>                                    | <b>35E</b>               | <b>1</b>                                   | <b>276</b>                                              | <b>N</b>                                                              | <b>1200</b>                                                             | <b>W</b>   | <b>Lea</b>    |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>E</b>                                 | <b>6</b>                                                                                                                                                                              | <b>23S</b>                                    | <b>35E</b>               | <b>5</b>                                   | <b>2600</b>                                             | <b>N</b>                                                              | <b>482</b>                                                              | <b>W</b>   | <b>Lea</b>    |
| 13. Date Spudded<br><b>9/10/21</b>                                                                                                                                                                                                                                                                                                                                                        | 14. Date T.D. Reached<br><b>10/20/21</b> |                                                                                                                                                                                       | 15. Date Rig Released<br><b>10/22/21</b>      |                          |                                            | 16. Date Completed (Ready to Produce)<br><b>2/18/22</b> |                                                                       | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3454</b>                |            |               |
| 18. Total Measured Depth of Well<br><b>17,968MD 9,864TVD</b>                                                                                                                                                                                                                                                                                                                              |                                          |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br><b>17,897</b> |                          |                                            | 20. Was Directional Survey Made?<br><b>Yes</b>          |                                                                       | 21. Type Electric and Other Logs Run                                    |            |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>10,288 - 17,883</b>                                                                                                                                                                                                                                                                                               |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| <b>CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                     |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                          | WEIGHT LB./FT.                                                                                                                                                                        |                                               | DEPTH SET                |                                            | HOLE SIZE                                               |                                                                       | CEMENTING RECORD                                                        |            | AMOUNT PULLED |
| <b>13-3/8</b>                                                                                                                                                                                                                                                                                                                                                                             |                                          | <b>54.4</b>                                                                                                                                                                           |                                               | <b>1,890</b>             |                                            | <b>17-1/2</b>                                           |                                                                       | <b>1,085</b>                                                            |            |               |
| <b>9-5/8</b>                                                                                                                                                                                                                                                                                                                                                                              |                                          | <b>40</b>                                                                                                                                                                             |                                               | <b>5,605</b>             |                                            | <b>12-1/4</b>                                           |                                                                       | <b>2,990</b>                                                            |            |               |
| <b>5-1/2</b>                                                                                                                                                                                                                                                                                                                                                                              |                                          | <b>20</b>                                                                                                                                                                             |                                               | <b>17,850</b>            |                                            | <b>8-3/4</b>                                            |                                                                       | <b>3,015</b>                                                            |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                          |                                          |                                                                                                                                                                                       |                                               |                          |                                            | 25. TUBING RECORD                                       |                                                                       |                                                                         |            |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                      | BOTTOM                                                                                                                                                                                | SACKS CEMENT                                  | SCREEN                   |                                            | SIZE                                                    | DEPTH SET                                                             |                                                                         | PACKER SET |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| 26. Perforation record (interval, size, and number)<br><b>10,288 - 17,883</b><br><b>0.38 3 shots/ft.</b><br><b>1680 holes</b>                                                                                                                                                                                                                                                             |                                          |                                                                                                                                                                                       |                                               |                          |                                            | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         |                                                                       |                                                                         |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            | DEPTH INTERVAL                                          |                                                                       | AMOUNT AND KIND MATERIAL USED                                           |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            | <b>10,288-17,883</b>                                    |                                                                       | <b>500,549 bbls. fluid</b>                                              |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       | <b>19,978,000# Proppant</b>                                             |            |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| <b>PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                         |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |
| Date First Production<br><b>2/20/22</b>                                                                                                                                                                                                                                                                                                                                                   |                                          | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )                                                                                                          |                                               |                          |                                            | Well Status ( <i>Prod. or Shut-in</i> )<br><b>POW</b>   |                                                                       |                                                                         |            |               |
| Date of Test<br><b>3/16/22</b>                                                                                                                                                                                                                                                                                                                                                            | Hours Tested<br><b>24</b>                | Choke Size<br><b>1/64</b>                                                                                                                                                             | Prod'n For Test Period                        | Oil - Bbl<br><b>2688</b> | Gas - MCF<br><b>4807</b>                   | Water - Bbl.<br><b>4896</b>                             | Gas - Oil Ratio<br><b>1788</b>                                        |                                                                         |            |               |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure<br><b>310</b>            | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.<br><b>2688</b>                     | Gas - MCF<br><b>4807</b> | Water - Bbl.<br><b>4896</b>                | Oil Gravity - API - ( <i>Corr.</i> )<br><b>41.1</b>     |                                                                       |                                                                         |            |               |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>Sold</b>                                                                                                                                                                                                                                                                                                        |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       | 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 <i>Sandra Belt</i>                                                                                                                                                                                                                                                                                                                                                              |                                          |                                                                                                                                                                                       | Printed Name <b>Sandra Belt</b>               |                          | Title <b>Regulatory Analyst</b>            |                                                         | Date                                                                  |                                                                         |            |               |
| E-mail Address <b>sandra@permianregulatory.com</b>                                                                                                                                                                                                                                                                                                                                        |                                          |                                                                                                                                                                                       |                                               |                          |                                            |                                                         |                                                                       |                                                                         |            |               |



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

| Southeastern New Mexico |                  | Northwestern New Mexico |                       |
|-------------------------|------------------|-------------------------|-----------------------|
| T. Anhy                 | T. Canyon        | T. Ojo Alamo            | T. Penn A"            |
| T. Salt                 | T. Strawn        | T. Kirtland             | T. Penn. "B"          |
| B. Salt                 | T. Atoka         | T. Fruitland            | T. Penn. "C"          |
| T. Yates                | T. Miss          | T. Pictured Cliffs      | T. Penn. "D"          |
| T. 7 Rivers             | T. Devonian      | T. Cliff House          | T. Leadville          |
| T. Queen                | T. Silurian      | T. Menefee              | T. Madison            |
| T. Grayburg             | T. Montoya       | T. Point Lookout        | T. Elbert             |
| T. San Andres           | T. Simpson       | T. Mancos               | T. McCracken          |
| T. Glorieta             | T. McKee         | T. Gallup               | T. Ignacio Otzte      |
| T. Paddock              | T. Ellenburger   | Base Greenhorn          | T. Granite            |
| T. Blinebry             | T. Gr. Wash      | T. Dakota               | Cherry Canyon 5880    |
| T. Tubb                 | T. Delaware Sand | T. Morrison             | Brushy Canyon 7234    |
| T. Drinkard             | T. Bone Springs  | T. Todilto              | Bone Spring Lime 8748 |
| T. Abo                  | T.               | T. Entrada              | Avolon Sand 8934      |
| T. Wolfcamp             | T.               | T. Wingate              | Bone Spring 1st 10061 |
| T. Penn                 | T.               | T. Chinle               |                       |
| T. Cisco (Bough C)      | T.               | T. Permian              |                       |

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

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

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

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

**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 104265

ACKNOWLEDGMENTS

|                                                                              |                                                    |
|------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>Avant Operating, LLC<br>1515 Wynkoop Street<br>Denver, CO 80202 | OGRID:<br>330396                                   |
|                                                                              | Action Number:<br>104265                           |
|                                                                              | 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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 104265

CONDITIONS

|                                                                                  |                                                        |
|----------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br><br>Avant Operating, LLC<br>1515 Wynkoop Street<br>Denver, CO 80202 | OGRID:<br><br>330396                                   |
|                                                                                  | Action Number:<br><br>104265                           |
|                                                                                  | Action Type:<br><br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                                                                              | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval. | 5/9/2022       |