



# ANTERO RESOURCES CORPORATION

Location: Tyler County, WV  
 Field: Tyler  
 Facility: Blizzard Pad

Slot: Slot #04  
 Well: Whitmore Unit 2H  
 Wellbore: Whitmore Unit 2H PWB

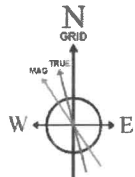
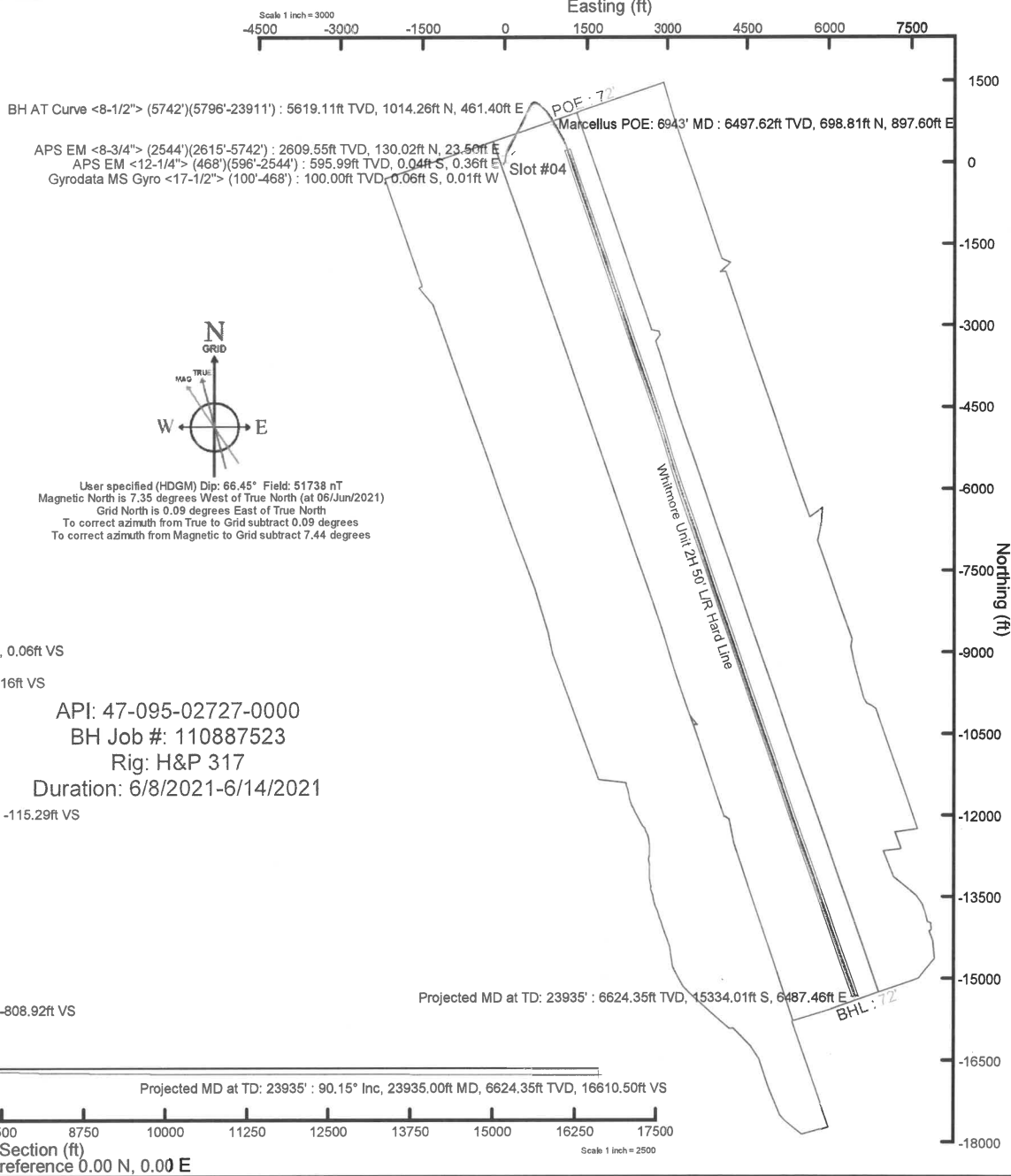
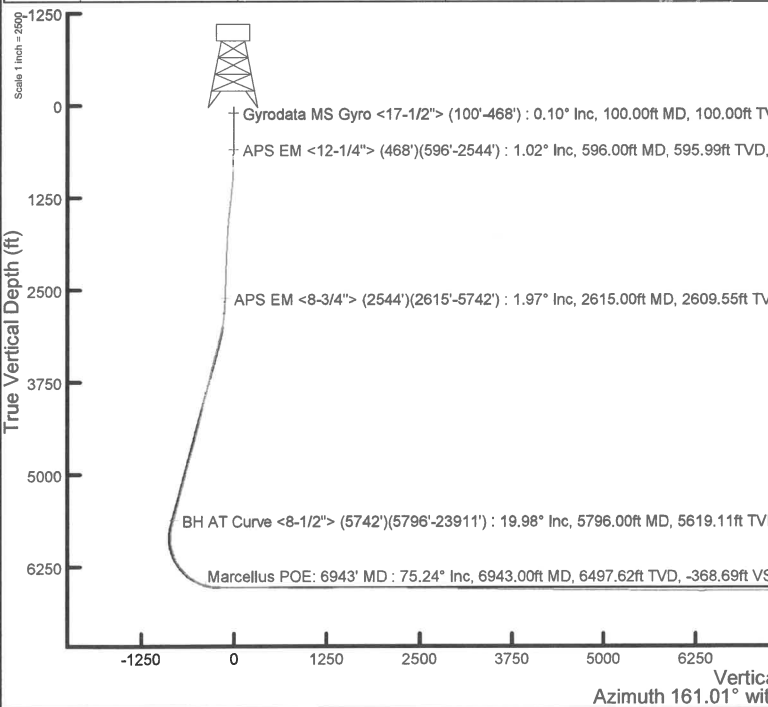


|  |   |
|--|---|
| Plot reference wellpath is Whitmore Unit 2H PWP Rev-B.0            | Grid System: NAD27 / UTM Zone 17 North, US feet                     |
| True vertical depths are referenced to H&P 317 (RKB)               | North Reference: Grid north   |
| Reference wellpath measured depths are referenced to H&P 317 (RKB) | Scale: True distance  |
| H&P 317 (RKB) to Mean Sea Level: 1029.5 feet                       | Coordinates are in feet referenced to Slot                          |
| Mean Sea Level to Ground level (At Slot: Slot #04): -1004 feet     | Depths are in feet  |
| Offset wellpath MDs are referenced to each path's default MD datum | Created by: edsaryar on 2021-06-23; Database: WA_MPL_EASTERNUS_Defn |

| Location Information                               |                   |                    |                   |                    |
|--|-------------------|--------------------|-------------------|--------------------|
| Facility Name                                      | Grid East (US ft) | Grid North (US ft) | Latitude          | Longitude          |
| Blizzard Pad                                       | 1682398.190       | 14343430.420       | 39°29'54.1703"N   | 80°51'4.2494"W     |
| Slot   | Local N (ft)      | Local E (ft)       | Grid East (US ft) | Grid North (US ft) |
| Slot #04   | 32.80             | 30.79              | 1682428.970       | 14343463.210       |
| Slot   | Local N (ft)      | Local E (ft)       | Latitude          | Longitude          |
| Slot #04   | 32.80             | 30.79              | 39°29'54.4940"N   | 80°51'3.8560"W     |
| Comment Whitmore Unit 2H                           |                   |                    |                   |                    |
| H&P 317 (RKB) to Ground level (At Slot: Slot #04)  | 25.5ft            |                    |                   |                    |
| Mean Sea Level to Ground level (At Slot: Slot #04) | -1004ft           |                    |                   |                    |
| H&P 317 (RKB) to Mean Sea Level                    | 1029.5ft          |                    |                   |                    |

| Well Profile Data |          |         |         |          |              |              |               |          |
|-------------------|----------|---------|---------|----------|--------------|--------------|---------------|----------|
| Design Comment    | MD (ft)  | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | DLS (°/100ft) | VS (ft)  |
| Tie On            | 2544.00  | 2.090   | 354.500 | 2538.60  | 127.51       | 23.65        | 0.24          | -112.87  |
| Proj. to Bottom   | 2620.00  | 2.090   | 354.500 | 2614.55  | 130.27       | 23.38        | 0.00          | -115.57  |
| KOP 1             | 2700.00  | 2.090   | 354.500 | 2694.50  | 133.17       | 23.10        | 0.00          | -118.40  |
| End of 3D Arc     | 3339.60  | 20.933  | 26.326  | 3318.62  | 248.27       | 73.12        | 3.00          | -210.96  |
| Curve KOP         | 5878.73  | 20.933  | 26.326  | 5890.15  | 1061.37      | 475.44       | 0.00          | -848.89  |
| POE               | 6954.38  | 73.890  | 150.000 | 6500.00  | 719.25       | 902.47       | 8.00          | -386.44  |
| Landing Pt.       | 7133.38  | 90.000  | 150.000 | 6525.00  | 566.26       | 990.80       | 9.00          | -213.04  |
| On AZI            | 7500.42  | 90.000  | 161.011 | 6525.00  | 232.77       | 1142.74      | 3.00          | 151.75   |
| BHL               | 23955.42 | 90.000  | 161.011 | 6525.00  | -15326.78    | 6496.93      | 0.00          | 16606.75 |

| Well Data |                  |                      |                                   |
|-----------|------------------|----------------------|-----------------------------------|
| Slot      | Well             | Wellbore             | Wellpath                          |
| Slot #04  | Whitmore Unit 2H | Whitmore Unit 2H AWB | Whitmore Unit 2H AWB Proj: 23935' |
| Slot #04  | Whitmore Unit 2H | Whitmore Unit 2H PWB | Whitmore Unit 2H PWP Rev-B.0      |



User specified (HDGM) Dip: 66.45° Field: 51738 nT  
 Magnetic North is 7.35 degrees West of True North (at 06/Jun/2021)  
 Grid North is 0.09 degrees East of True North  
 To correct azimuth from True to Grid subtract 0.09 degrees  
 To correct azimuth from Magnetic to Grid subtract 7.44 degrees

API: 47-095-02727-0000  
 BH Job #: 110887523  
 Rig: H&P 317  
 Duration: 6/8/2021-6/14/2021



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| REPORT SETUP INFORMATION |                                    |                  |                       |
|--------------------------|------------------------------------|------------------|-----------------------|
| Projection System        | NAD27 / UTM Zone 17 North, US feet | Software System  | WellArchitect® 6.0    |
| North Reference          | Grid                               | User             | Edsaryar              |
| Scale                    | 0.999602                           | Report Generated | 23/Jun/2021 at 16:49  |
| Convergence at slot      | 0.09° East                         | Database         | WA_MPL_EASTERNUS_Defn |

| WELLPATH LOCATION     |                   |          |                  |                 |                        |                 |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|-----------------|
|                       | Local coordinates |          | Grid coordinates |                 | Geographic coordinates |                 |
|                       | North[ft]         | East[ft] | Easting[US ft]   | Northing[US ft] | Latitude               | Longitude       |
| Slot Location         | 32.80             | 30.79    | 1682428.97       | 14343463.21     | 39°29'54.4940"N        | 80°51'3.8560"W  |
| Facility Reference Pt |                   |          | 1682398.19       | 14343430.42     | 39°29'54.1703"N        | 80°51'4.2494"W  |
| Field Reference Pt    |                   |          | 0.00             | 0.00            | 0°00'0.0000"           | 85°29'19.3013"W |

| WELLPATH DATUM           |                   |  |                   |
|--------------------------|-------------------|--|-------------------|
| Calculation method       | Minimum curvature | H&P 317 (RKB) to Facility Vertical Datum         | 1029.50ft         |
| Horizontal Reference Pt  | Slot              | H&P 317 (RKB) to Mean Sea Level                  | 1029.50ft         |
| Vertical Reference Pt    | H&P 317 (RKB)     | H&P 317 (RKB) to Ground Level at Slot (Slot #04) | 25.50ft           |
| MD Reference Pt          | H&P 317 (RKB)     | Section Origin                                   | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level    | Section Azimuth                                  | 161.01°           |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) † = interpolated, ‡ = extrapolated station |             |         |         |           |        |       |            |             |                 |                |              |             |           |            |           |  |
|---|-------------|---------|---------|-----------|--------|-------|------------|-------------|-----------------|----------------|--------------|-------------|-----------|------------|-----------|--|
| MD  | Inclination | Azimuth | TVD     | Vert Sect | North  | East  | Grid East  | Grid North  | Latitude        | Longitude      | Closure Dist | Closure Dir | DLS       | Build Rate | Turn Rate | Comments                               |
| [ft]  | [°]         | [°]     | [ft]    | [ft]      | [ft]   | [ft]  | [US ft]    | [US ft]     |                 |                | [ft]         | [°]         | [°/100ft] | [°/100ft]  | [°/100ft] |  |
| 0.00†   | 0.00†       | 192.220 | 0.00    | 0.00      | 0.00   | 0.00  | 1682428.97 | 14343463.21 | 39°29'54.4940"N | 80°51'3.8560"W | 0.00         | 0.000       | 0.00      | 0.00       | 0.00      |  |
| 25.50   | 0.00†       | 192.220 | 25.50   | 0.00      | 0.00   | 0.00  | 1682428.97 | 14343463.21 | 39°29'54.4940"N | 80°51'3.8560"W | 0.00         | 0.000       | 0.00      | 0.00       | 0.00      |  |
| 100.00  | 0.100       | 192.220 | 100.00  | 0.06      | -0.06  | -0.01 | 1682428.96 | 14343463.15 | 39°29'54.4934"N | 80°51'3.8561"W | 0.07         | 192.220     | 0.13      | 0.13       | 0.00      | Gyrodata MS Gyro <17-1/2"> (100'-468') |
| 200.00  | 0.070       | 227.650 | 200.00  | 0.15      | -0.19  | -0.08 | 1682428.89 | 14343463.02 | 39°29'54.4921"N | 80°51'3.8569"W | 0.21         | 202.161     | 0.06      | -0.03      | 35.43     |  |
| 300.00  | 0.150       | 242.050 | 300.00  | 0.20      | -0.29  | -0.24 | 1682428.73 | 14343462.92 | 39°29'54.4911"N | 80°51'3.8590"W | 0.38         | 219.154     | 0.08      | 0.08       | 14.40     |  |
| 400.00  | 0.070       | 201.890 | 400.00  | 0.27      | -0.41  | -0.38 | 1682428.59 | 14343462.80 | 39°29'54.4899"N | 80°51'3.8608"W | 0.56         | 222.529     | 0.11      | -0.08      | -40.16    |  |
| 468.00  | 0.370       | 160.050 | 468.00  | 0.52      | -0.66  | -0.32 | 1682428.65 | 14343462.55 | 39°29'54.4875"N | 80°51'3.8600"W | 0.73         | 205.820     | 0.47      | 0.44       | -61.53    |  |
| 596.00  | 1.020       | 28.250  | 595.99  | 0.16      | -0.04  | 0.36  | 1682429.33 | 14343463.17 | 39°29'54.4936"N | 80°51'3.8513"W | 0.37         | 96.336      | 1.01      | 0.51       | -102.97   | APS EM <12-1/4"> (468')(596'-2544')    |
| 687.00  | 1.340       | 33.650  | 686.97  | -1.04     | 1.56   | 1.34  | 1682430.31 | 14343464.77 | 39°29'54.5094"N | 80°51'3.8389"W | 2.05         | 40.600      | 0.37      | 0.35       | 5.93      |  |
| 777.00  | 2.550       | 18.180  | 776.92  | -3.27     | 4.34   | 2.54  | 1682431.51 | 14343467.55 | 39°29'54.5368"N | 80°51'3.8234"W | 5.03         | 30.394      | 1.45      | 1.34       | -17.19    |  |
| 868.00  | 3.620       | 12.650  | 867.79  | -7.33     | 9.06   | 3.80  | 1682432.77 | 14343472.27 | 39°29'54.5835"N | 80°51'3.8072"W | 9.83         | 22.772      | 1.22      | 1.18       | -6.08     |  |
| 959.00  | 3.320       | 5.420   | 958.62  | -12.18    | 14.49  | 4.68  | 1682433.65 | 14343477.69 | 39°29'54.6371"N | 80°51'3.7959"W | 15.23        | 17.909      | 0.58      | -0.33      | -7.95     |  |
| 1048.00   | 4.770       | 12.210  | 1047.40 | -17.69    | 20.67  | 5.71  | 1682434.68 | 14343483.87 | 39°29'54.6982"N | 80°51'3.7827"W | 21.45        | 15.438      | 1.71      | 1.63       | 7.63      |  |
| 1143.00   | 6.440       | 9.150   | 1141.94 | -25.77    | 29.79  | 7.39  | 1682436.36 | 14343492.99 | 39°29'54.7883"N | 80°51'3.7610"W | 30.70        | 13.933      | 1.79      | 1.76       | -3.22     |  |
| 1238.00   | 6.880       | 10.870  | 1236.30 | -35.40    | 40.64  | 9.31  | 1682438.28 | 14343503.84 | 39°29'54.8955"N | 80°51'3.7363"W | 41.70        | 12.905      | 0.51      | 0.46       | 1.81      |  |
| 1333.00   | 7.050       | 10.070  | 1330.60 | -45.43    | 51.97  | 11.40 | 1682440.37 | 14343515.16 | 39°29'55.0074"N | 80°51'3.7094"W | 53.21        | 12.377      | 0.21      | 0.18       | -0.84     |  |
| 1428.00   | 6.700       | 10.080  | 1424.91 | -55.37    | 63.17  | 13.39 | 1682442.36 | 14343526.35 | 39°29'55.1181"N | 80°51'3.6838"W | 64.57        | 11.972      | 0.37      | -0.37      | 0.01      |  |
| 1523.00   | 6.750       | 7.790   | 1519.26 | -65.20    | 74.15  | 15.12 | 1682444.08 | 14343537.33 | 39°29'55.2266"N | 80°51'3.6615"W | 75.68        | 11.525      | 0.29      | 0.05       | -2.41     |  |
| 1617.00   | 5.280       | 12.130  | 1612.74 | -73.83    | 83.86  | 16.78 | 1682445.74 | 14343547.03 | 39°29'55.3225"N | 80°51'3.6402"W | 85.52        | 11.314      | 1.64      | -1.56      | 4.62      |  |
| 1712.00   | 3.990       | 15.520  | 1707.43 | -80.30    | 91.32  | 18.58 | 1682447.54 | 14343554.49 | 39°29'55.3962"N | 80°51'3.6170"W | 93.19        | 11.502      | 1.39      | -1.36      | 3.57      |  |
| 1807.00   | 2.760       | 9.160   | 1802.26 | -85.04    | 96.76  | 19.83 | 1682448.79 | 14343559.93 | 39°29'55.4500"N | 80°51'3.6010"W | 98.77        | 11.582      | 1.35      | -1.29      | -6.69     |  |
| 1902.00   | 2.610       | 8.240   | 1897.16 | -88.98    | 101.16 | 20.50 | 1682449.47 | 14343564.33 | 39°29'55.4934"N | 80°51'3.5923"W | 103.21       | 11.458      | 0.16      | -0.16      | -0.97     |  |
| 1997.00   | 2.640       | 5.080   | 1992.06 | -92.90    | 105.48 | 21.01 | 1682449.97 | 14343568.64 | 39°29'55.5361"N | 80°51'3.5858"W | 107.55       | 11.264      | 0.16      | 0.03       | -3.33     |  |
| 2186.00   | 2.470       | 10.660  | 2180.87 | -100.41   | 113.81 | 22.15 | 1682451.11 | 14343576.98 | 39°29'55.6185"N | 80°51'3.5711"W | 115.95       | 11.011      | 0.16      | -0.09      | 2.95      |  |
| 2281.00   | 2.160       | 22.670  | 2275.79 | -103.53   | 117.48 | 23.21 | 1682452.18 | 14343580.64 | 39°29'55.6547"N | 80°51'3.5573"W | 119.75       | 11.178      | 0.60      | -0.33      | 12.64     |  |
| 2376.00   | 2.320       | 359.510 | 2370.72 | -106.69   | 121.05 | 23.89 | 1682452.85 | 14343584.21 | 39°29'55.6900"N | 80°51'3.5487"W | 123.39       | 11.163      | 0.96      | 0.17       | -24.38    |  |
| 2470.00   | 2.190       | 358.320 | 2464.65 | -110.21   | 124.75 | 23.82 | 1682452.78 | 14343587.91 | 39°29'55.7266"N | 80°51'3.5495"W | 127.00       | 10.810      | 0.15      | -0.14      | -1.27     |  |
| 2544.00   | 2.090       | 354.500 | 2538.60 | -112.87   | 127.51 | 23.65 | 1682452.61 | 14343590.67 | 39°29'55.7538"N | 80°51'3.5516"W | 129.68       | 10.507      | 0.24      | -0.14      | -5.16     |  |
| 2615.00   | 1.970       | 358.670 | 2609.55 | -115.29   | 130.02 | 23.50 | 1682452.46 | 14343593.17 | 39°29'55.7786"N | 80°51'3.5535"W | 132.12       | 10.244      | 0.27      | -0.17      | 5.87      | APS EM <8-3/4"> (2544')(2615'-5742')   |
| 2710.00   | 1.750       | 6.190   | 2704.50 | -118.16   | 133.09 | 23.61 | 1682452.58 | 14343596.25 | 39°29'55.8090"N | 80°51'3.5519"W | 135.17       | 10.061      | 0.35      | -0.23      | 7.92      |  |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) |                    |                |             |                   |               |              |                      |                       |                 |                 |                      |                    |                  |                         |                        |          |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|-----------------|----------------------|--------------------|------------------|-------------------------|------------------------|----------|
| MD<br>(ft)                   | Inclination<br>(°) | Azimuth<br>(°) | TVD<br>(ft) | Vert Sect<br>(ft) | North<br>(ft) | East<br>(ft) | Grid East<br>(US ft) | Grid North<br>(US ft) | Latitude        | Longitude       | Closure Dist<br>(ft) | Closure Dir<br>(°) | DLS<br>(°/100ft) | Build Rate<br>(°/100ft) | Turn Rate<br>(°/100ft) | Comments |
| 2804.00                      | 4.600              | 22.470         | 2798.35     | -122.29           | 138.00        | 25.21        | 1682454.17           | 14343601.16           | 39°29'55.8575"N | 80°51'3.5314"W  | 140.29               | 10.353             | 3.15             | 3.03                    | 17.32                  |          |
| 2898.00                      | 9.470              | 18.220         | 2891.62     | -131.28           | 148.84        | 29.07        | 1682458.03           | 14343611.99           | 39°29'55.9645"N | 80°51'3.4820"W  | 151.65               | 11.052             | 5.21             | 5.18                    | -4.52                  |          |
| 2998.00                      | 12.800             | 13.300         | 2989.72     | -147.20           | 167.44        | 34.19        | 1682463.15           | 14343630.58           | 39°29'56.1483"N | 80°51'3.4162"W  | 170.89               | 11.542             | 3.46             | 3.33                    | -4.92                  |          |
| 3093.00                      | 14.470             | 14.020         | 3082.04     | -166.05           | 189.20        | 39.49        | 1682468.44           | 14343652.33           | 39°29'56.3632"N | 80°51'3.3482"W  | 193.27               | 11.790             | 1.77             | 1.76                    | 0.76                   |          |
| 3187.00                      | 17.080             | 13.840         | 3172.49     | -187.50           | 214.00        | 45.64        | 1682474.59           | 14343677.12           | 39°29'56.6083"N | 80°51'3.2693"W  | 218.81               | 12.039             | 2.78             | 2.78                    | -0.19                  |          |
| 3282.00                      | 17.530             | 16.110         | 3263.19     | -210.93           | 241.29        | 52.95        | 1682481.89           | 14343704.40           | 39°29'56.8779"N | 80°51'3.1755"W  | 247.03               | 12.376             | 0.85             | 0.47                    | 2.39                   |          |
| 3377.00                      | 17.920             | 20.160         | 3353.69     | -233.97           | 268.76        | 61.95        | 1682490.90           | 14343731.86           | 39°29'57.1492"N | 80°51'3.0600"W  | 275.80               | 12.981             | 1.36             | 0.41                    | 4.26                   |          |
| 3471.00                      | 19.370             | 23.970         | 3442.76     | -256.59           | 296.58        | 73.27        | 1682502.21           | 14343759.67           | 39°29'57.4240"N | 80°51'2.9150"W  | 305.49               | 13.877             | 2.01             | 1.54                    | 4.05                   |          |
| 3566.00                      | 20.240             | 29.330         | 3532.14     | -279.05           | 325.30        | 87.72        | 1682516.66           | 14343788.38           | 39°29'57.7076"N | 80°51'2.7301"W  | 336.92               | 15.092             | 2.12             | 0.92                    | 5.64                   |          |
| 3660.00                      | 19.770             | 31.450         | 3620.47     | -299.99           | 353.04        | 103.98       | 1682532.91           | 14343816.11           | 39°29'57.9815"N | 80°51'2.5221"W  | 368.04               | 16.411             | 0.92             | -0.50                   | 2.26                   |          |
| 3755.00                      | 19.750             | 30.840         | 3709.88     | -320.58           | 380.53        | 120.59       | 1682549.52           | 14343843.59           | 39°29'58.2529"N | 80°51'2.3096"W  | 399.18               | 17.584             | 0.22             | -0.02                   | -0.64                  |          |
| 3849.00                      | 20.160             | 31.990         | 3798.24     | -341.02           | 407.90        | 137.32       | 1682566.23           | 14343870.95           | 39°29'58.5232"N | 80°51'2.0957"W  | 430.40               | 18.605             | 0.60             | 0.44                    | 1.22                   |          |
| 3944.00                      | 20.190             | 32.440         | 3887.41     | -361.55           | 435.62        | 154.78       | 1682583.69           | 14343898.66           | 39°29'58.7969"N | 80°51'1.8723"W  | 462.30               | 19.561             | 0.17             | 0.03                    | 0.47                   |          |
| 4039.00                      | 20.610             | 33.390         | 3976.45     | -381.98           | 463.42        | 172.78       | 1682601.68           | 14343926.44           | 39°29'59.0713"N | 80°51'1.6421"W  | 494.58               | 20.447             | 0.56             | 0.44                    | 1.00                   |          |
| 4134.00                      | 21.220             | 33.070         | 4065.19     | -402.75           | 491.79        | 191.36       | 1682620.26           | 14343954.80           | 39°29'59.3514"N | 80°51'1.4044"W  | 527.71               | 21.262             | 0.65             | 0.64                    | -0.34                  |          |
| 4228.00                      | 21.070             | 31.470         | 4152.86     | -423.97           | 520.46        | 209.47       | 1682638.35           | 14343983.46           | 39°29'59.6344"N | 80°51'1.1729"W  | 561.03               | 21.923             | 0.63             | -0.16                   | -1.70                  |          |
| 4322.00                      | 21.290             | 30.770         | 4240.51     | -445.75           | 549.53        | 227.02       | 1682655.90           | 14344012.52           | 39°29'59.9215"N | 80°51'0.9484"W  | 594.58               | 22.446             | 0.36             | 0.23                    | -0.74                  |          |
| 4417.00                      | 20.810             | 30.910         | 4329.17     | -467.76           | 578.83        | 244.51       | 1682673.38           | 14344041.81           | 39°30'0.2107"N  | 80°51'0.7246"W  | 628.35               | 22.900             | 0.51             | -0.51                   | 0.15                   |          |
| 4511.00                      | 20.980             | 31.770         | 4416.99     | -489.16           | 607.46        | 261.95       | 1682690.81           | 14344070.43           | 39°30'0.4934"N  | 80°51'0.5015"W  | 661.53               | 23.327             | 0.37             | 0.18                    | 0.91                   |          |
| 4604.00                      | 21.080             | 29.870         | 4503.80     | -510.70           | 636.12        | 279.04       | 1682707.90           | 14344099.07           | 39°30'0.7764"N  | 80°51'0.2829"W  | 694.63               | 23.685             | 0.74             | 0.11                    | -2.04                  |          |
| 4698.00                      | 21.570             | 27.880         | 4591.36     | -533.63           | 666.05        | 295.54       | 1682724.39           | 14344129.00           | 39°30'1.0720"N  | 80°51'0.0717"W  | 728.68               | 23.928             | 0.93             | 0.52                    | -2.12                  |          |
| 4792.00                      | 22.030             | 27.040         | 4678.64     | -557.68           | 697.03        | 311.64       | 1682740.48           | 14344159.96           | 39°30'1.3778"N  | 80°50'59.8658"W | 763.52               | 24.089             | 0.59             | 0.49                    | -0.89                  |          |
| 4887.00                      | 22.030             | 23.340         | 4766.71     | -583.23           | 729.26        | 326.80       | 1682755.64           | 14344192.18           | 39°30'1.6961"N  | 80°50'59.6717"W | 799.13               | 24.138             | 1.46             | 0.00                    | -3.89                  |          |
| 4981.00                      | 20.740             | 21.440         | 4854.23     | -608.93           | 760.94        | 339.87       | 1682768.70           | 14344223.84           | 39°30'2.0090"N  | 80°50'59.5043"W | 833.39               | 24.067             | 1.56             | -1.37                   | -2.02                  |          |
| 5076.00                      | 19.470             | 22.180         | 4943.44     | -633.65           | 791.26        | 351.99       | 1682780.82           | 14344254.15           | 39°30'2.3085"N  | 80°50'59.3490"W | 866.02               | 23.982             | 1.36             | -1.34                   | 0.78                   |          |
| 5171.00                      | 19.150             | 23.290         | 5033.10     | -657.10           | 820.23        | 364.13       | 1682792.95           | 14344283.11           | 39°30'2.5946"N  | 80°50'59.1935"W | 897.42               | 23.938             | 0.51             | -0.34                   | 1.17                   |          |
| 5265.00                      | 19.880             | 23.110         | 5121.70     | -680.37           | 849.09        | 376.50       | 1682805.32           | 14344311.96           | 39°30'2.8797"N  | 80°50'59.0351"W | 928.82               | 23.913             | 0.78             | 0.78                    | -0.19                  |          |
| 5364.00                      | 20.000             | 25.250         | 5214.76     | -704.99           | 879.89        | 390.33       | 1682819.14           | 14344342.74           | 39°30'3.1838"N  | 80°50'58.8580"W | 962.58               | 23.923             | 0.75             | 0.12                    | 2.16                   |          |
| 5459.00                      | 20.040             | 28.060         | 5304.03     | -727.72           | 908.95        | 404.91       | 1682833.72           | 14344371.79           | 39°30'3.4708"N  | 80°50'58.6713"W | 995.06               | 24.012             | 1.01             | 0.04                    | 2.96                   |          |
| 5553.00                      | 20.610             | 29.620         | 5392.17     | -749.63           | 937.54        | 420.67       | 1682849.47           | 14344400.38           | 39°30'3.7531"N  | 80°50'58.4698"W | 1027.59              | 24.165             | 0.84             | 0.61                    | 1.66                   |          |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) † = interpolated, ‡ = extrapolated station |             |         |         |           |         |         |            |             |                 |                 |              |             |           |            |           |  |
|---|-------------|---------|---------|-----------|---------|---------|------------|-------------|-----------------|-----------------|--------------|-------------|-----------|------------|-----------|--|
| MD  | Inclination | Azimuth | TVD     | Vert Sect | North   | East    | Grid East  | Grid North  | Latitude        | Longitude       | Closure Dist | Closure Dir | DLS       | Build Rate | Turn Rate | Comments                                   |
| [ft]  | [°]         | [°]     | [ft]    | [ft]      | [ft]    | [ft]    | [US ft]    | [US ft]     |                 |                 | [ft]         | [°]         | [°/100ft] | [°/100ft]  | [°/100ft] |  |
| 5647.00   | 21.080      | 27.840  | 5480.02 | -772.13   | 966.87  | 436.74  | 1682865.53 | 14344429.69 | 39°30'4.0427"N  | 80°50'58.2641"W | 1060.93      | 24.309      | 0.84      | 0.50       | -1.89     |  |
| 5742.00   | 21.350      | 28.160  | 5568.58 | -795.58   | 997.22  | 452.88  | 1682881.67 | 14344460.04 | 39°30'4.3425"N  | 80°50'58.0576"W | 1095.24      | 24.425      | 0.31      | 0.28       | 0.34      |  |
| 5796.00   | 19.980      | 24.890  | 5619.11 | -808.92   | 1014.26 | 461.40  | 1682890.19 | 14344477.06 | 39°30'4.5107"N  | 80°50'57.9485"W | 1114.28      | 24.461      | 3.32      | -2.54      | -6.06     | BH AT Curve <8-1/2"> (5742')(5796'-23911') |
| 5890.00   | 21.020      | 37.000  | 5707.20 | -829.93   | 1042.31 | 478.31  | 1682907.09 | 14344505.10 | 39°30'4.7876"N  | 80°50'57.7321"W | 1146.82      | 24.650      | 4.64      | 1.11       | 12.88     |  |
| 5985.00   | 20.660      | 54.670  | 5796.07 | -844.19   | 1065.63 | 502.26  | 1682931.03 | 14344528.41 | 39°30'5.0177"N  | 80°50'57.4261"W | 1178.06      | 25.236      | 6.60      | -0.38      | 18.60     |  |
| 6079.00   | 20.790      | 76.470  | 5884.12 | -847.28   | 1079.14 | 532.06  | 1682960.81 | 14344541.92 | 39°30'5.1508"N  | 80°50'57.0457"W | 1203.17      | 26.245      | 8.16      | 0.14       | 23.19     |  |
| 6174.00   | 20.820      | 96.860  | 5973.04 | -838.30   | 1081.07 | 565.26  | 1682994.00 | 14344543.85 | 39°30'5.1693"N  | 80°50'56.6222"W | 1219.93      | 27.604      | 7.59      | 0.03       | 21.46     |  |
| 6268.00   | 22.130      | 115.560 | 6060.62 | -818.57   | 1071.42 | 597.85  | 1683026.58 | 14344534.21 | 39°30'5.0734"N  | 80°50'56.2065"W | 1226.94      | 29.161      | 7.38      | 1.39       | 19.89     |  |
| 6362.00   | 30.490      | 123.300 | 6144.83 | -787.22   | 1050.65 | 633.83  | 1683062.55 | 14344513.44 | 39°30'4.8675"N  | 80°50'55.7480"W | 1227.03      | 31.102      | 9.60      | 8.89       | 8.23      |  |
| 6441.00†  | 35.999      | 129.718 | 6210.89 | -751.48   | 1024.78 | 668.48  | 1683097.18 | 14344487.58 | 39°30'4.6113"N  | 80°50'55.3066"W | 1223.54      | 33.117      | 8.27      | 6.97       | 8.12      | Sycamore: 6441' MD                         |
| 6457.00   | 37.150      | 130.810 | 6223.74 | -743.29   | 1018.62 | 675.75  | 1683104.45 | 14344481.42 | 39°30'4.5502"N  | 80°50'55.2139"W | 1222.39      | 33.560      | 8.27      | 7.20       | 6.83      |  |
| 6551.00   | 43.390      | 140.790 | 6295.51 | -688.35   | 974.96  | 717.73  | 1683146.42 | 14344437.78 | 39°30'4.1181"N  | 80°50'54.6793"W | 1210.66      | 36.359      | 9.53      | 6.64       | 10.62     |  |
| 6597.00†  | 46.755      | 142.308 | 6327.99 | -657.64   | 949.46  | 737.97  | 1683166.65 | 14344412.29 | 39°30'3.8656"N  | 80°50'54.4217"W | 1202.53      | 37.856      | 7.68      | 7.32       | 3.30      | Middlesex: 6597' MD                        |
| 6646.00   | 50.360      | 143.750 | 6360.42 | -622.71   | 920.11  | 760.05  | 1683188.71 | 14344382.95 | 39°30'3.5752"N  | 80°50'54.1407"W | 1193.43      | 39.558      | 7.68      | 7.36       | 2.94      |  |
| 6741.00   | 57.360      | 147.090 | 6416.42 | -548.85   | 856.94  | 803.47  | 1683232.12 | 14344319.81 | 39°30'2.9502"N  | 80°50'53.5881"W | 1174.70      | 43.156      | 7.89      | 7.37       | 3.52      |  |
| 6743.00†  | 57.531      | 147.147 | 6417.49 | -547.21   | 855.52  | 804.38  | 1683233.03 | 14344318.39 | 39°30'2.9362"N  | 80°50'53.5765"W | 1174.29      | 43.235      | 8.87      | 8.54       | 2.84      | Burkett: 6743' MD                          |
| 6795.00†  | 61.979      | 148.555 | 6443.68 | -503.48   | 817.49  | 828.27  | 1683256.91 | 14344280.38 | 39°30'2.5599"N  | 80°50'53.2726"W | 1163.76      | 45.375      | 8.87      | 8.55       | 2.71      | Tully: 6795' MD                            |
| 6835.00   | 65.410      | 149.560 | 6461.41 | -468.41   | 786.74  | 846.70  | 1683275.33 | 14344249.64 | 39°30'2.2557"N  | 80°50'53.0381"W | 1155.80      | 47.102      | 8.87      | 8.58       | 2.51      |  |
| 6930.00   | 74.170      | 150.230 | 6494.19 | -381.01   | 709.69  | 891.36  | 1683319.98 | 14344172.61 | 39°30'1.4933"N  | 80°50'52.4701"W | 1139.38      | 51.474      | 9.24      | 9.22       | 0.71      |  |
| 6943.00†  | 75.243      | 150.125 | 6497.62 | -368.69   | 698.81  | 897.60  | 1683326.21 | 14344161.74 | 39°30'1.3857"N  | 80°50'52.3907"W | 1137.55      | 52.098      | 8.29      | 8.26       | -0.81     | Marcellus POE: 6943' MD                    |
| 7023.00   | 81.850      | 149.500 | 6513.50 | -291.82   | 631.07  | 937.01  | 1683365.60 | 14344094.03 | 39°30'0.7156"N  | 80°50'51.8895"W | 1129.71      | 56.040      | 8.29      | 8.26       | -0.78     |  |
| 7118.00   | 89.020      | 150.330 | 6521.05 | -198.96   | 549.19  | 984.44  | 1683413.02 | 14344012.18 | 39°29'59.9055"N | 80°50'51.2861"W | 1127.27      | 60.844      | 7.60      | 7.55       | 0.87      |  |
| 7212.00   | 89.480      | 149.410 | 6522.29 | -106.74   | 467.89  | 1031.62 | 1683460.18 | 14343930.92 | 39°29'59.1013"N | 80°50'50.6860"W | 1132.77      | 65.603      | 1.09      | 0.49       | -0.98     |  |
| 7306.00   | 89.510      | 153.030 | 6523.11 | -14.12    | 385.52  | 1076.87 | 1683505.41 | 14343848.58 | 39°29'58.2864"N | 80°50'50.1106"W | 1143.80      | 70.302      | 3.85      | 0.03       | 3.85      |  |
| 7401.00   | 89.260      | 156.070 | 6524.13 | 80.26     | 299.76  | 1117.69 | 1683546.21 | 14343762.85 | 39°29'57.4381"N | 80°50'49.5918"W | 1157.18      | 74.987      | 3.21      | -0.26      | 3.20      |  |
| 7496.00   | 89.320      | 156.910 | 6525.31 | 174.95    | 212.65  | 1155.58 | 1683584.09 | 14343675.77 | 39°29'56.5765"N | 80°50'49.1103"W | 1174.98      | 79.573      | 0.89      | 0.06       | 0.88      |  |
| 7590.00   | 89.170      | 155.880 | 6526.55 | 268.64    | 126.52  | 1193.22 | 1683621.71 | 14343589.68 | 39°29'55.7247"N | 80°50'48.6320"W | 1199.90      | 83.947      | 1.11      | -0.16      | -1.10     |  |
| 7684.00   | 89.200      | 159.760 | 6527.89 | 362.47    | 39.50   | 1228.69 | 1683657.17 | 14343502.70 | 39°29'54.8641"N | 80°50'48.1814"W | 1229.33      | 88.158      | 4.13      | 0.03       | 4.13      |  |
| 7779.00   | 88.920      | 160.670 | 6529.45 | 457.44    | -49.87  | 1260.84 | 1683689.31 | 14343413.36 | 39°29'53.9801"N | 80°50'47.7732"W | 1261.83      | 92.265      | 1.00      | -0.29      | 0.96      |  |
| 7873.00   | 88.180      | 160.020 | 6531.82 | 551.41    | -138.37 | 1292.45 | 1683720.90 | 14343324.90 | 39°29'53.1050"N | 80°50'47.3719"W | 1299.84      | 96.111      | 1.05      | -0.79      | -0.69     |  |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) |                    |                |             |                   |               |              |                      |                       |                 |                 |                      |                    |                  |                         |                        |          |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|-----------------|----------------------|--------------------|------------------|-------------------------|------------------------|----------|
| MD<br>(ft)                   | Inclination<br>(°) | Azimuth<br>(°) | TVD<br>(ft) | Vert Sect<br>(ft) | North<br>(ft) | East<br>(ft) | Grid East<br>(US ft) | Grid North<br>(US ft) | Latitude        | Longitude       | Closure Dist<br>(ft) | Closure Dir<br>(°) | DLS<br>(°/100ft) | Build Rate<br>(°/100ft) | Turn Rate<br>(°/100ft) | Comments |
| 7968.00                      | 87.480             | 162.540        | 6535.42     | 646.33            | -228.27       | 1322.92      | 1683751.36           | 14343235.03           | 39°29'52.2160"N | 80°50'46.9852"W | 1342.47              | 99.790             | 2.75             | -0.74                   | 2.65                   |          |
| 8062.00                      | 89.420             | 162.500        | 6537.96     | 740.26            | -317.89       | 1351.14      | 1683779.57           | 14343145.44           | 39°29'51.3297"N | 80°50'46.6271"W | 1388.03              | 103.240            | 2.06             | 2.06                    | -0.04                  |          |
| 8156.00                      | 89.170             | 162.070        | 6539.12     | 834.23            | -407.43       | 1379.74      | 1683808.16           | 14343055.94           | 39°29'50.4443"N | 80°50'46.2643"W | 1438.64              | 106.452            | 0.53             | -0.27                   | -0.46                  |          |
| 8250.00                      | 90.340             | 162.540        | 6539.52     | 928.20            | -496.98       | 1408.31      | 1683836.72           | 14342966.43           | 39°29'49.5588"N | 80°50'45.9018"W | 1493.43              | 109.437            | 1.34             | 1.24                    | 0.50                   |          |
| 8345.00                      | 90.710             | 159.570        | 6538.65     | 1023.18           | -586.82       | 1439.15      | 1683867.54           | 14342876.63           | 39°29'48.6703"N | 80°50'45.5103"W | 1554.19              | 112.183            | 3.15             | 0.39                    | -3.13                  |          |
| 8440.00                      | 88.890             | 158.870        | 6538.98     | 1118.13           | -675.63       | 1472.85      | 1683901.23           | 14342787.85           | 39°29'47.7920"N | 80°50'45.0824"W | 1620.42              | 114.642            | 2.05             | -1.92                   | -0.74                  |          |
| 8534.00                      | 90.180             | 162.830        | 6539.75     | 1212.11           | -764.41       | 1503.68      | 1683932.05           | 14342699.11           | 39°29'46.9141"N | 80°50'44.6911"W | 1686.82              | 116.947            | 4.43             | 1.37                    | 4.21                   |          |
| 8629.00                      | 91.260             | 162.790        | 6538.55     | 1307.05           | -855.16       | 1531.75      | 1683960.11           | 14342608.39           | 39°29'46.0167"N | 80°50'44.3349"W | 1754.30              | 119.174            | 1.14             | 1.14                    | -0.04                  |          |
| 8724.00                      | 90.520             | 159.770        | 6537.08     | 1402.03           | -945.11       | 1562.23      | 1683990.58           | 14342518.48           | 39°29'45.1271"N | 80°50'43.9481"W | 1825.87              | 121.173            | 3.27             | -0.78                   | -3.18                  |          |
| 8818.00                      | 90.370             | 162.760        | 6536.35     | 1496.01           | -1034.12      | 1592.42      | 1684020.76           | 14342429.51           | 39°29'44.2469"N | 80°50'43.5649"W | 1898.74              | 123.000            | 3.18             | -0.16                   | 3.18                   |          |
| 8912.00                      | 90.370             | 160.960        | 6535.74     | 1590.00           | -1123.44      | 1621.69      | 1684050.01           | 14342340.22           | 39°29'43.3636"N | 80°50'43.1936"W | 1972.81              | 124.713            | 1.91             | 0.00                    | -1.91                  |          |
| 9007.00                      | 90.150             | 162.030        | 6535.31     | 1684.99           | -1213.52      | 1651.84      | 1684080.15           | 14342250.17           | 39°29'42.4728"N | 80°50'42.8110"W | 2049.68              | 126.303            | 1.15             | -0.23                   | 1.13                   |          |
| 9102.00                      | 90.120             | 162.110        | 6535.09     | 1779.98           | -1303.91      | 1681.08      | 1684109.38           | 14342159.82           | 39°29'41.5790"N | 80°50'42.4399"W | 2127.49              | 127.798            | 0.09             | -0.03                   | 0.08                   |          |
| 9196.00                      | 90.180             | 162.070        | 6534.84     | 1873.96           | -1393.35      | 1709.99      | 1684138.28           | 14342070.41           | 39°29'40.6945"N | 80°50'42.0731"W | 2205.79              | 129.174            | 0.08             | 0.06                    | -0.04                  |          |
| 9291.00                      | 89.850             | 161.800        | 6534.81     | 1968.95           | -1483.67      | 1739.45      | 1684167.72           | 14341980.13           | 39°29'39.8013"N | 80°50'41.6993"W | 2286.26              | 130.463            | 0.45             | -0.35                   | -0.28                  |          |
| 9386.00                      | 89.690             | 157.610        | 6535.20     | 2063.90           | -1572.75      | 1772.39      | 1684200.65           | 14341891.09           | 39°29'38.9203"N | 80°50'41.2811"W | 2369.58              | 131.585            | 4.41             | -0.17                   | -4.41                  |          |
| 9480.00                      | 89.380             | 157.860        | 6535.96     | 2157.74           | -1659.74      | 1808.01      | 1684236.25           | 14341804.13           | 39°29'38.0600"N | 80°50'40.8287"W | 2454.31              | 132.552            | 0.42             | -0.33                   | 0.27                   |          |
| 9575.00                      | 89.200             | 160.910        | 6537.14     | 2252.69           | -1748.64      | 1841.45      | 1684269.68           | 14341715.27           | 39°29'37.1808"N | 80°50'40.4041"W | 2539.43              | 133.519            | 3.22             | -0.19                   | 3.21                   |          |
| 9669.00                      | 89.690             | 163.050        | 6538.05     | 2346.66           | -1838.02      | 1870.52      | 1684298.75           | 14341625.92           | 39°29'36.2969"N | 80°50'40.0352"W | 2622.44              | 134.498            | 2.34             | 0.52                    | 2.28                   |          |
| 9763.00                      | 89.690             | 162.870        | 6538.56     | 2440.61           | -1927.89      | 1898.07      | 1684326.28           | 14341536.09           | 39°29'35.4082"N | 80°50'39.6858"W | 2705.45              | 135.447            | 0.19             | 0.00                    | -0.19                  |          |
| 9857.00                      | 89.450             | 162.890        | 6539.26     | 2534.55           | -2017.73      | 1925.74      | 1684353.94           | 14341446.29           | 39°29'34.5199"N | 80°50'39.3348"W | 2789.21              | 136.336            | 0.26             | -0.26                   | 0.02                   |          |
| 9952.00                      | 88.980             | 162.600        | 6540.56     | 2629.50           | -2108.44      | 1953.92      | 1684382.11           | 14341355.61           | 39°29'33.6229"N | 80°50'38.9774"W | 2874.60              | 137.178            | 0.58             | -0.49                   | -0.31                  |          |
| 10046.00                     | 89.230             | 162.220        | 6542.03     | 2723.46           | -2198.03      | 1982.32      | 1684410.50           | 14341266.05           | 39°29'32.7369"N | 80°50'38.6171"W | 2959.89              | 137.954            | 0.48             | 0.27                    | -0.40                  |          |
| 10140.00                     | 88.860             | 161.270        | 6543.60     | 2817.44           | -2287.29      | 2011.76      | 1684439.93           | 14341176.83           | 39°29'31.8542"N | 80°50'38.2436"W | 3046.13              | 138.667            | 1.08             | -0.39                   | -1.01                  |          |
| 10234.00                     | 89.600             | 163.500        | 6544.86     | 2911.40           | -2376.87      | 2040.20      | 1684468.36           | 14341087.29           | 39°29'30.9684"N | 80°50'37.8828"W | 3132.40              | 139.359            | 2.50             | 0.79                    | 2.37                   |          |
| 10329.00                     | 88.890             | 162.610        | 6546.11     | 3006.33           | -2467.73      | 2067.89      | 1684496.03           | 14340996.46           | 39°29'30.0699"N | 80°50'37.5316"W | 3219.61              | 140.038            | 1.20             | -0.75                   | -0.94                  |          |
| 10424.00                     | 89.200             | 162.440        | 6547.70     | 3101.28           | -2558.34      | 2096.41      | 1684524.54           | 14340905.90           | 39°29'29.1739"N | 80°50'37.1698"W | 3307.57              | 140.667            | 0.37             | 0.33                    | -0.18                  |          |
| 10518.00                     | 89.320             | 162.480        | 6548.91     | 3195.24           | -2647.96      | 2124.74      | 1684552.86           | 14340816.31           | 39°29'28.2877"N | 80°50'36.8105"W | 3395.03              | 141.256            | 0.13             | 0.13                    | 0.04                   |          |
| 10613.00                     | 89.260             | 161.900        | 6550.09     | 3290.21           | -2738.40      | 2153.79      | 1684581.90           | 14340725.91           | 39°29'27.3933"N | 80°50'36.4419"W | 3483.91              | 141.814            | 0.61             | -0.06                   | -0.61                  |          |
| 10707.00                     | 89.170             | 162.050        | 6551.38     | 3384.19           | -2827.78      | 2182.88      | 1684610.97           | 14340636.56           | 39°29'26.5095"N | 80°50'36.0729"W | 3572.29              | 142.334            | 0.19             | -0.10                   | 0.16                   |          |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) |                    |                |             |                   |               |              |                      |                       |                 |                 |                      |                    |                  |                         |                        |          |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|-----------------|----------------------|--------------------|------------------|-------------------------|------------------------|----------|
| MD<br>[ft]                   | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude        | Longitude       | Closure Dist<br>[ft] | Closure Dir<br>[°] | DLS<br>[°/100ft] | Build Rate<br>[°/100ft] | Turn Rate<br>[°/100ft] | Comments |
| 10802.00                     | 88.800             | 162.890        | 6553.06     | 3479.14           | -2918.35      | 2211.49      | 1684639.57           | 14340546.03           | 39°29'25.6138"N | 80°50'35.7100"W | 3661.62              | 142.846            | 0.97             | -0.39                   | 0.88                   |          |
| 10897.00                     | 88.800             | 161.800        | 6555.05     | 3574.10           | -3008.85      | 2240.29      | 1684668.37           | 14340455.56           | 39°29'24.7188"N | 80°50'35.3446"W | 3751.28              | 143.330            | 1.15             | 0.00                    | -1.15                  |          |
| 10990.00                     | 88.860             | 162.060        | 6556.95     | 3667.07           | -3097.25      | 2269.13      | 1684697.19           | 14340367.20           | 39°29'23.8447"N | 80°50'34.9787"W | 3839.52              | 143.772            | 0.29             | 0.06                    | 0.28                   |          |
| 11085.00                     | 89.910             | 163.550        | 6557.97     | 3762.01           | -3187.99      | 2297.21      | 1684725.26           | 14340276.49           | 39°29'22.9473"N | 80°50'34.6226"W | 3929.44              | 144.224            | 1.92             | 1.11                    | 1.57                   |          |
| 11179.00                     | 89.290             | 161.380        | 6558.62     | 3855.97           | -3277.62      | 2325.53      | 1684753.57           | 14340186.90           | 39°29'22.0611"N | 80°50'34.2634"W | 4018.82              | 144.644            | 2.40             | -0.66                   | -2.31                  |          |
| 11274.00                     | 89.570             | 161.240        | 6559.57     | 3950.96           | -3367.60      | 2355.97      | 1684784.00           | 14340096.95           | 39°29'21.1712"N | 80°50'33.8771"W | 4109.91              | 145.023            | 0.33             | 0.29                    | -0.15                  |          |
| 11369.00                     | 89.480             | 161.530        | 6560.36     | 4045.96           | -3457.63      | 2386.30      | 1684814.31           | 14340006.96           | 39°29'20.2809"N | 80°50'33.4923"W | 4201.15              | 145.388            | 0.32             | -0.09                   | 0.31                   |          |
| 11463.00                     | 89.630             | 161.350        | 6561.09     | 4139.95           | -3546.74      | 2416.22      | 1684844.22           | 14339917.89           | 39°29'19.3997"N | 80°50'33.1127"W | 4291.56              | 145.735            | 0.25             | 0.16                    | -0.19                  |          |
| 11558.00                     | 89.170             | 159.220        | 6562.08     | 4234.94           | -3636.16      | 2448.26      | 1684876.25           | 14339828.50           | 39°29'18.5154"N | 80°50'32.7060"W | 4383.56              | 146.047            | 2.29             | -0.48                   | -2.24                  |          |
| 11653.00                     | 89.420             | 159.750        | 6563.25     | 4329.89           | -3725.13      | 2481.55      | 1684909.53           | 14339739.57           | 39°29'17.6355"N | 80°50'32.2834"W | 4476.01              | 146.330            | 0.62             | 0.26                    | 0.56                   |          |
| 11748.00                     | 89.600             | 159.450        | 6564.06     | 4424.86           | -3814.17      | 2514.66      | 1684942.63           | 14339650.57           | 39°29'16.7549"N | 80°50'31.8630"W | 4568.52              | 146.603            | 0.37             | 0.19                    | -0.32                  |          |
| 11842.00                     | 89.510             | 160.610        | 6564.79     | 4518.84           | -3902.51      | 2546.76      | 1684974.72           | 14339562.26           | 39°29'15.8812"N | 80°50'31.4556"W | 4660.00              | 146.872            | 1.24             | -0.10                   | 1.23                   |          |
| 11936.00                     | 89.780             | 160.070        | 6565.37     | 4612.83           | -3991.03      | 2578.39      | 1685006.33           | 14339473.78           | 39°29'15.0058"N | 80°50'31.0542"W | 4751.46              | 147.136            | 0.64             | 0.29                    | -0.57                  |          |
| 12030.00                     | 89.540             | 161.050        | 6565.93     | 4706.83           | -4079.67      | 2609.67      | 1685037.60           | 14339385.17           | 39°29'14.1292"N | 80°50'30.6572"W | 4842.94              | 147.394            | 1.07             | -0.26                   | 1.04                   |          |
| 12125.00                     | 89.200             | 159.230        | 6566.98     | 4801.81           | -4169.01      | 2641.94      | 1685069.86           | 14339295.87           | 39°29'13.2457"N | 80°50'30.2476"W | 4935.64              | 147.637            | 1.95             | -0.36                   | -1.92                  |          |
| 12219.00                     | 89.540             | 160.080        | 6568.01     | 4895.77           | -4257.14      | 2674.62      | 1685102.52           | 14339207.78           | 39°29'12.3741"N | 80°50'29.8327"W | 5027.61              | 147.860            | 0.97             | 0.36                    | 0.90                   |          |
| 12314.00                     | 89.570             | 159.860        | 6568.75     | 4990.76           | -4346.39      | 2707.16      | 1685135.05           | 14339118.56           | 39°29'11.4914"N | 80°50'29.4198"W | 5120.53              | 148.083            | 0.23             | 0.03                    | -0.23                  |          |
| 12408.00                     | 89.630             | 160.390        | 6569.40     | 5084.74           | -4434.79      | 2739.12      | 1685166.99           | 14339030.20           | 39°29'10.6172"N | 80°50'29.0142"W | 5212.49              | 148.299            | 0.57             | 0.06                    | 0.56                   |          |
| 12503.00                     | 89.480             | 160.000        | 6570.14     | 5179.73           | -4524.17      | 2771.30      | 1685199.16           | 14338940.85           | 39°29'9.7333"N  | 80°50'28.6057"W | 5305.49              | 148.510            | 0.44             | -0.16                   | -0.41                  |          |
| 12597.00                     | 89.690             | 159.840        | 6570.82     | 5273.71           | -4612.45      | 2803.58      | 1685231.42           | 14338852.61           | 39°29'8.8602"N  | 80°50'28.1960"W | 5397.66              | 148.708            | 0.28             | 0.22                    | -0.17                  |          |
| 12692.00                     | 89.450             | 160.430        | 6571.54     | 5368.70           | -4701.79      | 2835.86      | 1685263.69           | 14338763.30           | 39°29'7.9766"N  | 80°50'27.7863"W | 5490.80              | 148.904            | 0.67             | -0.25                   | 0.62                   |          |
| 12787.00                     | 89.230             | 160.180        | 6572.63     | 5463.68           | -4791.23      | 2867.87      | 1685295.69           | 14338673.90           | 39°29'7.0921"N  | 80°50'27.3800"W | 5583.96              | 149.097            | 0.35             | -0.23                   | -0.26                  |          |
| 12881.00                     | 89.230             | 159.430        | 6573.89     | 5557.65           | -4879.44      | 2900.32      | 1685328.13           | 14338585.72           | 39°29'6.2197"N  | 80°50'26.9682"W | 5676.34              | 149.273            | 0.80             | 0.00                    | -0.80                  |          |
| 12976.00                     | 89.540             | 159.630        | 6574.91     | 5652.62           | -4968.44      | 2933.54      | 1685361.33           | 14338496.76           | 39°29'5.3395"N  | 80°50'26.5465"W | 5769.84              | 149.441            | 0.39             | 0.33                    | 0.21                   |          |
| 13070.00                     | 89.230             | 160.120        | 6575.92     | 5746.59           | -5056.69      | 2965.88      | 1685393.66           | 14338408.54           | 39°29'4.4667"N  | 80°50'26.1360"W | 5862.30              | 149.607            | 0.62             | -0.33                   | 0.52                   |          |
| 13165.00                     | 89.630             | 160.760        | 6576.87     | 5841.58           | -5146.21      | 2997.68      | 1685425.45           | 14338319.06           | 39°29'3.5815"N  | 80°50'25.7324"W | 5955.63              | 149.779            | 0.79             | 0.42                    | 0.67                   |          |
| 13259.00                     | 89.540             | 160.810        | 6577.55     | 5935.58           | -5234.97      | 3028.62      | 1685456.38           | 14338230.34           | 39°29'2.7037"N  | 80°50'25.3399"W | 6047.93              | 149.949            | 0.11             | -0.10                   | 0.05                   |          |
| 13353.00                     | 89.320             | 159.870        | 6578.48     | 6029.57           | -5323.48      | 3060.24      | 1685487.99           | 14338141.86           | 39°29'1.8283"N  | 80°50'24.9386"W | 6140.40              | 150.107            | 1.03             | -0.23                   | -1.00                  |          |
| 13448.00                     | 89.540             | 161.360        | 6579.43     | 6124.56           | -5413.09      | 3091.77      | 1685519.50           | 14338052.29           | 39°29'0.9421"N  | 80°50'24.5385"W | 6233.83              | 150.266            | 1.59             | 0.23                    | 1.57                   |          |
| 13542.00                     | 90.400             | 160.160        | 6579.48     | 6218.55           | -5501.84      | 3122.75      | 1685550.47           | 14337963.57           | 39°29'0.0644"N  | 80°50'24.1454"W | 6326.27              | 150.422            | 1.57             | 0.91                    | -1.28                  |          |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) |                    |                |             |                   |               |              |                      |                       |                 |                 |                      |                    |                  |                         |                        |          |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|-----------------|----------------------|--------------------|------------------|-------------------------|------------------------|----------|
| MD<br>(ft)                   | Inclination<br>(°) | Azimuth<br>(°) | TVD<br>(ft) | Vert Sect<br>(ft) | North<br>(ft) | East<br>(ft) | Grid East<br>(US ft) | Grid North<br>(US ft) | Latitude        | Longitude       | Closure Dist<br>(ft) | Closure Dir<br>(°) | DLS<br>(°/100ft) | Build Rate<br>(°/100ft) | Turn Rate<br>(°/100ft) | Comments |
| 13637.00                     | 89.170             | 161.110        | 6579.83     | 6313.55           | -5591.46      | 3154.24      | 1685581.95           | 14337873.99           | 39°28'59.1781"N | 80°50'23.7457"W | 6419.79              | 150.572            | 1.64             | -1.29                   | 1.00                   |          |
| 13732.00                     | 93.200             | 166.120        | 6577.87     | 6408.38           | -5682.53      | 3181.03      | 1685608.72           | 14337782.95           | 39°28'58.2775"N | 80°50'23.4062"W | 6512.30              | 150.760            | 6.77             | 4.24                    | 5.27                   |          |
| 13827.00                     | 92.160             | 161.520        | 6573.42     | 6503.13           | -5773.64      | 3207.46      | 1685635.15           | 14337691.88           | 39°28'57.3766"N | 80°50'23.0711"W | 6604.75              | 150.946            | 4.96             | -1.09                   | -4.84                  |          |
| 13922.00                     | 89.750             | 162.010        | 6571.84     | 6598.10           | -5863.85      | 3237.18      | 1685664.86           | 14337601.70           | 39°28'56.4845"N | 80°50'22.6941"W | 6698.07              | 151.099            | 2.59             | -2.54                   | 0.52                   |          |
| 14016.00                     | 88.740             | 161.310        | 6573.08     | 6692.09           | -5953.07      | 3266.76      | 1685694.42           | 14337512.52           | 39°28'55.6022"N | 80°50'22.3190"W | 6790.49              | 151.244            | 1.31             | -1.07                   | -0.74                  |          |
| 14110.00                     | 89.540             | 161.460        | 6574.49     | 6786.08           | -6042.14      | 3296.76      | 1685724.41           | 14337423.49           | 39°28'54.7214"N | 80°50'21.9384"W | 6883.03              | 151.382            | 0.87             | 0.85                    | 0.16                   |          |
| 14205.00                     | 89.230             | 160.430        | 6575.51     | 6881.07           | -6131.93      | 3327.77      | 1685755.41           | 14337333.73           | 39°28'53.8334"N | 80°50'21.5449"W | 6976.72              | 151.511            | 1.13             | -0.33                   | -1.08                  |          |
| 14299.00                     | 89.480             | 161.680        | 6576.57     | 6975.06           | -6220.83      | 3358.29      | 1685785.92           | 14337244.87           | 39°28'52.9542"N | 80°50'21.1577"W | 7069.43              | 151.638            | 1.36             | 0.27                    | 1.33                   |          |
| 14394.00                     | 89.690             | 161.400        | 6577.26     | 7070.05           | -6310.94      | 3388.37      | 1685815.98           | 14337154.80           | 39°28'52.0631"N | 80°50'20.7762"W | 7163.03              | 151.768            | 0.37             | 0.22                    | -0.29                  |          |
| 14488.00                     | 89.570             | 161.500        | 6577.86     | 7164.05           | -6400.05      | 3418.27      | 1685845.88           | 14337065.72           | 39°28'51.1818"N | 80°50'20.3968"W | 7255.71              | 151.893            | 0.17             | -0.13                   | 0.11                   |          |
| 14583.00                     | 89.510             | 161.510        | 6578.63     | 7259.04           | -6490.14      | 3448.41      | 1685876.00           | 14336975.66           | 39°28'50.2909"N | 80°50'20.0146"W | 7349.39              | 152.017            | 0.06             | -0.06                   | 0.01                   |          |
| 14678.00                     | 90.000             | 161.960        | 6579.03     | 7354.03           | -6580.36      | 3478.18      | 1685905.76           | 14336885.49           | 39°28'49.3988"N | 80°50'19.6369"W | 7443.04              | 152.140            | 0.70             | 0.52                    | 0.47                   |          |
| 14773.00                     | 89.290             | 161.470        | 6579.62     | 7449.02           | -6670.56      | 3507.99      | 1685935.55           | 14336795.32           | 39°28'48.5068"N | 80°50'19.2589"W | 7536.73              | 152.261            | 0.91             | -0.75                   | -0.52                  |          |
| 14867.00                     | 88.550             | 161.900        | 6581.39     | 7543.00           | -6759.78      | 3537.52      | 1685965.07           | 14336706.14           | 39°28'47.6244"N | 80°50'18.8843"W | 7629.46              | 152.376            | 0.91             | -0.79                   | 0.46                   |          |
| 14962.00                     | 87.910             | 161.630        | 6584.33     | 7637.95           | -6849.96      | 3567.23      | 1685994.78           | 14336615.99           | 39°28'46.7326"N | 80°50'18.5074"W | 7723.16              | 152.491            | 0.73             | -0.67                   | -0.28                  |          |
| 15056.00                     | 88.550             | 161.770        | 6587.23     | 7731.89           | -6939.17      | 3596.73      | 1686024.26           | 14336526.82           | 39°28'45.8504"N | 80°50'18.1332"W | 7815.91              | 152.601            | 0.70             | 0.68                    | 0.15                   |          |
| 15151.00                     | 88.400             | 161.910        | 6589.76     | 7826.85           | -7029.40      | 3626.33      | 1686053.85           | 14336436.62           | 39°28'44.9581"N | 80°50'17.7578"W | 7909.66              | 152.712            | 0.22             | -0.16                   | 0.15                   |          |
| 15246.00                     | 88.370             | 161.850        | 6592.44     | 7921.80           | -7119.66      | 3655.87      | 1686083.37           | 14336346.40           | 39°28'44.0655"N | 80°50'17.3832"W | 8003.43              | 152.820            | 0.07             | -0.03                   | -0.06                  |          |
| 15340.00                     | 88.550             | 161.800        | 6594.96     | 8015.76           | -7208.93      | 3685.18      | 1686112.67           | 14336257.16           | 39°28'43.1826"N | 80°50'17.0115"W | 8096.25              | 152.924            | 0.20             | 0.19                    | -0.05                  |          |
| 15435.00                     | 89.080             | 162.100        | 6596.93     | 8110.72           | -7299.24      | 3714.60      | 1686142.09           | 14336166.89           | 39°28'42.2896"N | 80°50'16.6383"W | 8190.07              | 153.028            | 0.64             | 0.56                    | 0.32                   |          |
| 15530.00                     | 89.260             | 161.710        | 6598.30     | 8205.70           | -7389.53      | 3744.11      | 1686171.58           | 14336076.64           | 39°28'41.3967"N | 80°50'16.2641"W | 8283.93              | 153.130            | 0.45             | 0.19                    | -0.41                  |          |
| 15624.00                     | 89.480             | 161.790        | 6599.34     | 8299.69           | -7478.80      | 3773.54      | 1686201.00           | 14335987.41           | 39°28'40.5139"N | 80°50'15.8908"W | 8376.87              | 153.226            | 0.25             | 0.23                    | 0.09                   |          |
| 15719.00                     | 89.290             | 161.860        | 6600.36     | 8394.67           | -7569.05      | 3803.17      | 1686230.62           | 14335897.19           | 39°28'39.6214"N | 80°50'15.5150"W | 8470.81              | 153.322            | 0.21             | -0.20                   | 0.07                   |          |
| 15813.00                     | 89.570             | 161.730        | 6601.29     | 8488.66           | -7658.34      | 3832.54      | 1686259.98           | 14335807.93           | 39°28'38.7383"N | 80°50'15.1425"W | 8563.79              | 153.415            | 0.33             | 0.30                    | -0.14                  |          |
| 15908.00                     | 89.350             | 161.690        | 6602.19     | 8583.65           | -7748.54      | 3862.35      | 1686289.78           | 14335717.77           | 39°28'37.8464"N | 80°50'14.7644"W | 8657.81              | 153.505            | 0.24             | -0.23                   | -0.04                  |          |
| 16002.00                     | 89.420             | 161.050        | 6603.20     | 8677.64           | -7837.61      | 3892.38      | 1686319.79           | 14335628.74           | 39°28'36.9655"N | 80°50'14.3835"W | 8750.93              | 153.590            | 0.68             | 0.07                    | -0.68                  |          |
| 16095.00                     | 89.450             | 160.890        | 6604.11     | 8770.64           | -7925.52      | 3922.70      | 1686350.10           | 14335540.86           | 39°28'36.0961"N | 80°50'13.9989"W | 8843.16              | 153.667            | 0.18             | 0.03                    | -0.17                  |          |
| 16190.00                     | 89.540             | 160.920        | 6604.95     | 8865.63           | -8015.29      | 3953.78      | 1686381.17           | 14335451.13           | 39°28'35.2083"N | 80°50'13.6046"W | 8937.41              | 153.744            | 0.10             | 0.09                    | 0.03                   |          |
| 16284.00                     | 89.420             | 160.970        | 6605.80     | 8959.63           | -8104.14      | 3984.47      | 1686411.84           | 14335362.32           | 39°28'34.3297"N | 80°50'13.2154"W | 9030.67              | 153.819            | 0.14             | -0.13                   | 0.05                   |          |
| 16378.00                     | 89.570             | 160.880        | 6606.63     | 9053.62           | -8192.97      | 4015.18      | 1686442.55           | 14335273.52           | 39°28'33.4511"N | 80°50'12.8257"W | 9123.95              | 153.892            | 0.19             | 0.16                    | -0.10                  |          |





# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) |                    |                |             |                   |               |              |                      |                       |                 |                 |                      |                    |                  |                         |                        |          |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|-----------------|----------------------|--------------------|------------------|-------------------------|------------------------|----------|
| MD<br>(ft)                   | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>(ft) | Vert Sect<br>(ft) | North<br>(ft) | East<br>(ft) | Grid East<br>(US ft) | Grid North<br>(US ft) | Latitude        | Longitude       | Closure Dist<br>(ft) | Closure Dir<br>[°] | DLS<br>(°/100ft) | Build Rate<br>(°/100ft) | Turn Rate<br>(°/100ft) | Comments |
| 16472.00                     | 89.420             | 160.680        | 6607.46     | 9147.62           | -8281.73      | 4046.13      | 1686473.48           | 14335184.80           | 39°28'32.5734"N | 80°50'12.4331"W | 9217.27              | 153.962            | 0.27             | -0.16                   | -0.21                  |          |
| 16566.00                     | 89.290             | 161.200        | 6608.52     | 9241.61           | -8370.57      | 4076.82      | 1686504.16           | 14335095.99           | 39°28'31.6948"N | 80°50'12.0438"W | 9310.58              | 154.032            | 0.57             | -0.14                   | 0.55                   |          |
| 16661.00                     | 89.600             | 160.680        | 6609.44     | 9336.61           | -8460.36      | 4107.84      | 1686535.17           | 14335006.24           | 39°28'30.8068"N | 80°50'11.6502"W | 9404.89              | 154.102            | 0.64             | 0.33                    | -0.55                  |          |
| 16755.00                     | 89.570             | 160.890        | 6610.12     | 9430.61           | -8549.12      | 4138.78      | 1686566.09           | 14334917.51           | 39°28'29.9290"N | 80°50'11.2578"W | 9498.26              | 154.168            | 0.23             | -0.03                   | 0.22                   |          |
| 16850.00                     | 89.450             | 160.990        | 6610.93     | 9525.60           | -8638.90      | 4169.80      | 1686597.10           | 14334827.76           | 39°28'29.0410"N | 80°50'10.8643"W | 9592.60              | 154.234            | 0.16             | -0.13                   | 0.11                   |          |
| 16944.00                     | 89.540             | 160.890        | 6611.76     | 9619.60           | -8727.75      | 4200.50      | 1686627.79           | 14334738.95           | 39°28'28.1624"N | 80°50'10.4749"W | 9685.96              | 154.299            | 0.14             | 0.10                    | -0.11                  |          |
| 17039.00                     | 89.600             | 160.750        | 6612.47     | 9714.59           | -8817.47      | 4231.71      | 1686658.98           | 14334649.26           | 39°28'27.2751"N | 80°50'10.0790"W | 9780.35              | 154.363            | 0.16             | 0.06                    | -0.15                  |          |
| 17133.00                     | 89.380             | 160.870        | 6613.31     | 9808.59           | -8906.25      | 4262.60      | 1686689.87           | 14334560.53           | 39°28'26.3971"N | 80°50'9.6871"W  | 9873.75              | 154.424            | 0.27             | -0.23                   | 0.13                   |          |
| 17227.00                     | 89.630             | 160.660        | 6614.12     | 9902.59           | -8994.99      | 4293.57      | 1686720.82           | 14334471.81           | 39°28'25.5194"N | 80°50'9.2942"W  | 9967.18              | 154.484            | 0.35             | 0.27                    | -0.22                  |          |
| 17321.00                     | 89.780             | 160.730        | 6614.61     | 9996.58           | -9083.71      | 4324.65      | 1686751.89           | 14334383.14           | 39°28'24.6421"N | 80°50'8.9000"W  | 10060.63             | 154.541            | 0.18             | 0.16                    | 0.07                   |          |
| 17416.00                     | 89.510             | 160.990        | 6615.19     | 10091.58          | -9173.45      | 4355.79      | 1686783.02           | 14334293.43           | 39°28'23.7545"N | 80°50'8.5049"W  | 10155.06             | 154.600            | 0.39             | -0.28                   | 0.27                   |          |
| 17510.00                     | 89.880             | 161.130        | 6615.70     | 10185.58          | -9262.36      | 4386.30      | 1686813.52           | 14334204.55           | 39°28'22.8753"N | 80°50'8.1179"W  | 10248.46             | 154.660            | 0.42             | 0.39                    | 0.15                   |          |
| 17604.00                     | 89.540             | 161.050        | 6616.17     | 10279.58          | -9351.29      | 4416.77      | 1686843.97           | 14334115.66           | 39°28'21.9958"N | 80°50'7.7315"W  | 10341.88             | 154.718            | 0.37             | -0.36                   | -0.09                  |          |
| 17699.00                     | 89.510             | 161.030        | 6616.96     | 10374.57          | -9441.13      | 4447.63      | 1686874.82           | 14334025.85           | 39°28'21.1073"N | 80°50'7.3400"W  | 10436.30             | 154.775            | 0.04             | -0.03                   | -0.02                  |          |
| 17793.00                     | 89.510             | 160.880        | 6617.76     | 10468.57          | -9529.98      | 4478.30      | 1686905.48           | 14333937.04           | 39°28'20.2286"N | 80°50'6.9510"W  | 10529.76             | 154.830            | 0.16             | 0.00                    | -0.16                  |          |
| 17887.00                     | 89.540             | 161.140        | 6618.54     | 10562.57          | -9618.86      | 4508.89      | 1686936.06           | 14333848.19           | 39°28'19.3496"N | 80°50'6.5630"W  | 10623.21             | 154.885            | 0.28             | 0.03                    | 0.28                   |          |
| 17981.00                     | 89.510             | 160.870        | 6619.32     | 10656.56          | -9707.74      | 4539.48      | 1686966.64           | 14333759.35           | 39°28'18.4706"N | 80°50'6.1750"W  | 10716.68             | 154.939            | 0.29             | -0.03                   | -0.29                  |          |
| 18075.00                     | 89.420             | 160.650        | 6620.20     | 10750.56          | -9796.49      | 4570.46      | 1686997.60           | 14333670.64           | 39°28'17.5930"N | 80°50'5.7821"W  | 10810.19             | 154.989            | 0.25             | -0.10                   | -0.23                  |          |
| 18170.00                     | 89.820             | 160.670        | 6620.83     | 10845.56          | -9886.13      | 4601.92      | 1687029.05           | 14333581.04           | 39°28'16.7065"N | 80°50'5.3830"W  | 10904.73             | 155.038            | 0.42             | 0.42                    | 0.02                   |          |
| 18264.00                     | 90.280             | 160.830        | 6620.75     | 10939.55          | -9974.87      | 4632.91      | 1687060.03           | 14333492.33           | 39°28'15.8288"N | 80°50'4.9899"W  | 10998.27             | 155.087            | 0.52             | 0.49                    | 0.17                   |          |
| 18358.00                     | 90.150             | 160.950        | 6620.39     | 11033.55          | -10063.69     | 4663.68      | 1687090.79           | 14333403.55           | 39°28'14.9504"N | 80°50'4.5996"W  | 11091.79             | 155.136            | 0.19             | -0.14                   | 0.13                   |          |
| 18453.00                     | 90.220             | 160.440        | 6620.09     | 11128.55          | -10153.35     | 4695.09      | 1687122.18           | 14333313.93           | 39°28'14.0637"N | 80°50'4.2012"W  | 11186.34             | 155.183            | 0.54             | 0.07                    | -0.54                  |          |
| 18548.00                     | 90.180             | 161.250        | 6619.76     | 11223.55          | -10243.08     | 4726.26      | 1687153.34           | 14333224.22           | 39°28'13.1763"N | 80°50'3.8058"W  | 11280.88             | 155.231            | 0.85             | -0.04                   | 0.85                   |          |
| 18642.00                     | 90.340             | 160.960        | 6619.33     | 11317.55          | -10332.02     | 4756.70      | 1687183.77           | 14333135.32           | 39°28'12.2967"N | 80°50'3.4198"W  | 11374.39             | 155.279            | 0.35             | 0.17                    | -0.31                  |          |
| 18736.00                     | 90.220             | 161.140        | 6618.87     | 11411.55          | -10420.92     | 4787.23      | 1687214.28           | 14333046.46           | 39°28'11.4175"N | 80°50'3.0326"W  | 11467.92             | 155.327            | 0.23             | -0.13                   | 0.19                   |          |
| 18830.00                     | 89.940             | 160.640        | 6618.74     | 11505.55          | -10509.74     | 4818.00      | 1687245.04           | 14332957.67           | 39°28'10.5391"N | 80°50'2.6423"W  | 11561.48             | 155.372            | 0.61             | -0.30                   | -0.53                  |          |
| 18924.00                     | 89.720             | 161.140        | 6619.02     | 11599.55          | -10598.56     | 4848.78      | 1687275.81           | 14332868.89           | 39°28'9.6607"N  | 80°50'2.2520"W  | 11655.05             | 155.416            | 0.58             | -0.23                   | 0.53                   |          |
| 19019.00                     | 89.630             | 160.960        | 6619.56     | 11694.54          | -10688.41     | 4879.63      | 1687306.64           | 14332779.07           | 39°28'8.7721"N  | 80°50'1.8607"W  | 11749.59             | 155.462            | 0.21             | -0.09                   | -0.19                  |          |
| 19113.00                     | 89.940             | 160.750        | 6619.91     | 11788.54          | -10777.21     | 4910.45      | 1687337.46           | 14332690.31           | 39°28'7.8939"N  | 80°50'1.4697"W  | 11843.18             | 155.504            | 0.40             | 0.33                    | -0.22                  |          |
| 19207.00                     | 89.820             | 160.830        | 6620.11     | 11882.54          | -10865.98     | 4941.38      | 1687368.38           | 14332601.58           | 39°28'7.0161"N  | 80°50'1.0774"W  | 11936.78             | 155.546            | 0.15             | -0.13                   | 0.09                   |          |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) |                    |                |             |                   |               |              |                      |                       |                 |                 |                      |                    |                  |                         |                        |          |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|-----------------|----------------------|--------------------|------------------|-------------------------|------------------------|----------|
| MD<br>(ft)                   | Inclination<br>(°) | Azimuth<br>(°) | TVD<br>(ft) | Vert Sect<br>(ft) | North<br>(ft) | East<br>(ft) | Grid East<br>(US ft) | Grid North<br>(US ft) | Latitude        | Longitude       | Closure Dist<br>(ft) | Closure Dir<br>(°) | DLS<br>(°/100ft) | Build Rate<br>(°/100ft) | Turn Rate<br>(°/100ft) | Comments |
| 19302.00                     | 89.600             | 160.760        | 6620.59     | 11977.54          | -10955.69     | 4972.63      | 1687399.61           | 14332511.90           | 39°28'6.1288"N  | 80°50'0.6811"W  | 12031.38             | 155.587            | 0.24             | -0.23                   | -0.07                  |          |
| 19396.00                     | 89.970             | 161.310        | 6620.94     | 12071.54          | -11044.59     | 5003.18      | 1687430.15           | 14332423.04           | 39°28'5.2497"N  | 80°50'0.2936"W  | 12124.96             | 155.630            | 0.71             | 0.39                    | 0.59                   |          |
| 19490.00                     | 89.940             | 160.660        | 6621.01     | 12165.54          | -11133.46     | 5033.81      | 1687460.76           | 14332334.21           | 39°28'4.3708"N  | 80°49'59.9052"W | 12218.55             | 155.671            | 0.69             | -0.03                   | -0.69                  |          |
| 19585.00                     | 90.000             | 160.660        | 6621.06     | 12260.54          | -11223.09     | 5065.27      | 1687492.21           | 14332244.60           | 39°28'3.4843"N  | 80°49'59.5062"W | 12313.20             | 155.709            | 0.06             | 0.06                    | 0.00                   |          |
| 19679.00                     | 90.090             | 160.910        | 6620.99     | 12354.54          | -11311.86     | 5096.21      | 1687523.14           | 14332155.88           | 39°28'2.6064"N  | 80°49'59.1138"W | 12406.83             | 155.748            | 0.28             | 0.10                    | 0.27                   |          |
| 19774.00                     | 90.120             | 161.200        | 6620.81     | 12449.53          | -11401.71     | 5127.05      | 1687553.97           | 14332066.06           | 39°28'1.7178"N  | 80°49'58.7227"W | 12501.43             | 155.788            | 0.31             | 0.03                    | 0.31                   |          |
| 19869.00                     | 90.150             | 161.110        | 6620.59     | 12544.53          | -11491.62     | 5157.73      | 1687584.64           | 14331976.19           | 39°28'0.8286"N  | 80°49'58.3335"W | 12596.01             | 155.828            | 0.10             | 0.03                    | -0.09                  |          |
| 19964.00                     | 90.280             | 161.650        | 6620.23     | 12639.53          | -11581.65     | 5188.07      | 1687614.96           | 14331886.20           | 39°27'59.9383"N | 80°49'57.9489"W | 12690.57             | 155.870            | 0.58             | 0.14                    | 0.57                   |          |
| 20057.00                     | 90.120             | 160.880        | 6619.91     | 12732.53          | -11669.72     | 5217.94      | 1687644.82           | 14331798.16           | 39°27'59.0673"N | 80°49'57.5701"W | 12783.16             | 155.909            | 0.85             | -0.17                   | -0.83                  |          |
| 20152.00                     | 89.970             | 160.710        | 6619.84     | 12827.53          | -11759.43     | 5249.19      | 1687676.06           | 14331708.48           | 39°27'58.1801"N | 80°49'57.1738"W | 12877.82             | 155.945            | 0.24             | -0.16                   | -0.18                  |          |
| 20247.00                     | 90.120             | 160.890        | 6619.76     | 12922.53          | -11849.14     | 5280.43      | 1687707.29           | 14331618.80           | 39°27'57.2928"N | 80°49'56.7775"W | 12972.48             | 155.980            | 0.25             | 0.16                    | 0.19                   |          |
| 20341.00                     | 89.970             | 161.070        | 6619.69     | 13016.53          | -11938.01     | 5311.06      | 1687737.91           | 14331529.97           | 39°27'56.4139"N | 80°49'56.3890"W | 13066.12             | 156.016            | 0.25             | -0.16                   | 0.19                   |          |
| 20436.00                     | 90.340             | 161.030        | 6619.43     | 13111.53          | -12027.86     | 5341.91      | 1687768.75           | 14331440.16           | 39°27'55.5253"N | 80°49'55.9978"W | 13160.76             | 156.053            | 0.39             | 0.39                    | -0.04                  |          |
| 20625.00                     | 89.660             | 160.810        | 6619.43     | 13300.53          | -12206.48     | 5403.69      | 1687830.50           | 14331261.61           | 39°27'53.7589"N | 80°49'55.2143"W | 13349.08             | 156.121            | 0.38             | -0.36                   | -0.12                  |          |
| 20719.00                     | 89.750             | 160.710        | 6619.91     | 13394.52          | -12295.23     | 5434.67      | 1687861.47           | 14331172.90           | 39°27'52.8812"N | 80°49'54.8215"W | 13442.78             | 156.154            | 0.14             | 0.10                    | -0.11                  |          |
| 20814.00                     | 89.820             | 160.980        | 6620.27     | 13489.52          | -12384.97     | 5465.84      | 1687892.63           | 14331083.20           | 39°27'51.9937"N | 80°49'54.4262"W | 13537.46             | 156.187            | 0.29             | 0.07                    | 0.28                   |          |
| 20908.00                     | 89.630             | 160.840        | 6620.72     | 13583.52          | -12473.80     | 5496.58      | 1687923.36           | 14330994.40           | 39°27'51.1151"N | 80°49'54.0363"W | 13631.14             | 156.219            | 0.25             | -0.20                   | -0.15                  |          |
| 21003.00                     | 89.880             | 160.780        | 6621.13     | 13678.52          | -12563.52     | 5527.81      | 1687954.57           | 14330904.72           | 39°27'50.2278"N | 80°49'53.6403"W | 13725.84             | 156.251            | 0.27             | 0.26                    | -0.06                  |          |
| 21098.00                     | 89.750             | 160.820        | 6621.43     | 13773.52          | -12653.23     | 5559.05      | 1687985.80           | 14330815.04           | 39°27'49.3406"N | 80°49'53.2441"W | 13820.54             | 156.282            | 0.14             | -0.14                   | 0.04                   |          |
| 21192.00                     | 89.750             | 160.670        | 6621.84     | 13867.52          | -12741.97     | 5590.05      | 1688016.78           | 14330726.33           | 39°27'48.4629"N | 80°49'52.8510"W | 13914.26             | 156.312            | 0.16             | 0.00                    | -0.16                  |          |
| 21286.00                     | 89.690             | 160.900        | 6622.30     | 13961.51          | -12830.74     | 5620.99      | 1688047.71           | 14330637.61           | 39°27'47.5851"N | 80°49'52.4587"W | 14007.97             | 156.342            | 0.25             | -0.06                   | 0.24                   |          |
| 21381.00                     | 89.660             | 160.860        | 6622.84     | 14056.51          | -12920.49     | 5652.10      | 1688078.81           | 14330547.88           | 39°27'46.6974"N | 80°49'52.0641"W | 14102.67             | 156.373            | 0.05             | -0.03                   | -0.04                  |          |
| 21475.00                     | 89.780             | 160.880        | 6623.30     | 14150.51          | -13009.30     | 5682.91      | 1688109.61           | 14330459.11           | 39°27'45.8191"N | 80°49'51.6735"W | 14196.39             | 156.403            | 0.13             | 0.13                    | 0.02                   |          |
| 21569.00                     | 89.910             | 161.010        | 6623.56     | 14244.51          | -13098.15     | 5713.60      | 1688140.28           | 14330370.30           | 39°27'44.9404"N | 80°49'51.2843"W | 14290.09             | 156.432            | 0.20             | 0.14                    | 0.14                   |          |
| 21663.00                     | 89.910             | 161.080        | 6623.70     | 14338.51          | -13187.05     | 5744.13      | 1688170.80           | 14330281.43           | 39°27'44.0612"N | 80°49'50.8971"W | 14383.79             | 156.463            | 0.07             | 0.00                    | 0.07                   |          |
| 21758.00                     | 89.940             | 161.020        | 6623.83     | 14433.51          | -13276.90     | 5774.98      | 1688201.64           | 14330191.62           | 39°27'43.1726"N | 80°49'50.5059"W | 14478.49             | 156.493            | 0.07             | 0.03                    | -0.06                  |          |
| 21852.00                     | 89.850             | 160.870        | 6624.00     | 14527.51          | -13365.75     | 5805.67      | 1688232.32           | 14330102.80           | 39°27'42.2939"N | 80°49'50.1168"W | 14572.20             | 156.521            | 0.19             | -0.10                   | -0.16                  |          |
| 21947.00                     | 89.910             | 160.770        | 6624.20     | 14622.51          | -13455.48     | 5836.88      | 1688263.52           | 14330013.11           | 39°27'41.4065"N | 80°49'49.7210"W | 14666.94             | 156.549            | 0.12             | 0.06                    | -0.11                  |          |
| 22041.00                     | 89.910             | 160.940        | 6624.35     | 14716.51          | -13544.28     | 5867.71      | 1688294.33           | 14329924.35           | 39°27'40.5283"N | 80°49'49.3301"W | 14760.68             | 156.577            | 0.18             | 0.00                    | 0.18                   |          |
| 22135.00                     | 89.750             | 161.060        | 6624.63     | 14810.51          | -13633.16     | 5898.31      | 1688324.92           | 14329835.50           | 39°27'39.6493"N | 80°49'48.9421"W | 14854.40             | 156.605            | 0.21             | -0.17                   | 0.13                   |          |



# Actual Wellpath Report

Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| WELLPATH DATA (259 stations) † = interpolated, ‡ = extrapolated station |             |         |         |           |           |         |            |             |                 |                 |              |             |           |            |           |                            |
|---|-------------|---------|---------|-----------|-----------|---------|------------|-------------|-----------------|-----------------|--------------|-------------|-----------|------------|-----------|----------------------------|
| MD  | Inclination | Azimuth | TVD     | Vert Sect | North     | East    | Grid East  | Grid North  | Latitude        | Longitude       | Closure Dist | Closure Dir | DLS       | Build Rate | Turn Rate | Comments                   |
| (ft)  | (°)         | (°)     | (ft)    | (ft)      | (ft)      | (ft)    | (US ft)    | (US ft)     |                 |                 | (ft)         | (°)         | (°/100ft) | (°/100ft)  | (°/100ft) |                            |
| 22230.00  | 89.910      | 160.860 | 6624.91 | 14905.51  | -13722.96 | 5929.30 | 1688355.90 | 14329745.74 | 39°27'38.7611"N | 80°49'48.5491"W | 14949.12     | 156.632     | 0.27      | 0.17       | -0.21     |                            |
| 22234.00  | 89.780      | 160.790 | 6625.16 | 14999.51  | -13811.75 | 5960.18 | 1688386.76 | 14329656.99 | 39°27'37.8831"N | 80°49'48.1576"W | 15042.87     | 156.658     | 0.16      | -0.14      | -0.07     |                            |
| 22419.00  | 89.910      | 160.970 | 6625.42 | 15094.51  | -13901.50 | 5991.30 | 1688417.87 | 14329567.27 | 39°27'36.9954"N | 80°49'47.7630"W | 15137.62     | 156.685     | 0.23      | 0.14       | 0.19      |                            |
| 22513.00  | 90.090      | 161.050 | 6625.42 | 15188.51  | -13990.39 | 6021.88 | 1688448.44 | 14329478.42 | 39°27'36.1163"N | 80°49'47.3752"W | 15231.35     | 156.712     | 0.21      | 0.19       | 0.09      |                            |
| 22607.00  | 90.000      | 160.930 | 6625.35 | 15282.51  | -14079.26 | 6052.50 | 1688479.05 | 14329389.58 | 39°27'35.2374"N | 80°49'46.9869"W | 15325.09     | 156.738     | 0.16      | -0.10      | -0.13     |                            |
| 22701.00  | 89.940      | 160.770 | 6625.39 | 15376.51  | -14168.06 | 6083.34 | 1688509.87 | 14329300.82 | 39°27'34.3592"N | 80°49'46.5959"W | 15418.85     | 156.763     | 0.18      | -0.06      | -0.17     |                            |
| 22796.00  | 89.880      | 160.850 | 6625.54 | 15471.51  | -14257.78 | 6114.56 | 1688541.09 | 14329211.13 | 39°27'33.4718"N | 80°49'46.2000"W | 15513.61     | 156.788     | 0.11      | -0.06      | 0.08      |                            |
| 22891.00  | 89.910      | 160.960 | 6625.72 | 15566.50  | -14347.55 | 6145.64 | 1688572.15 | 14329121.39 | 39°27'32.5840"N | 80°49'45.8059"W | 15608.37     | 156.813     | 0.12      | 0.03       | 0.12      |                            |
| 22985.00  | 89.910      | 160.980 | 6625.87 | 15660.50  | -14436.42 | 6176.29 | 1688602.79 | 14329032.57 | 39°27'31.7052"N | 80°49'45.4173"W | 15702.12     | 156.837     | 0.02      | 0.00       | 0.02      |                            |
| 23079.00  | 89.940      | 161.110 | 6625.99 | 15754.50  | -14525.32 | 6206.83 | 1688633.31 | 14328943.70 | 39°27'30.8259"N | 80°49'45.0302"W | 15795.87     | 156.862     | 0.14      | 0.03       | 0.14      |                            |
| 23174.00  | 89.940      | 160.850 | 6626.09 | 15849.50  | -14615.13 | 6237.79 | 1688664.26 | 14328853.92 | 39°27'29.9377"N | 80°49'44.6376"W | 15890.63     | 156.887     | 0.27      | 0.00       | -0.27     |                            |
| 23268.00  | 90.090      | 160.870 | 6626.06 | 15943.50  | -14703.94 | 6268.61 | 1688695.07 | 14328765.16 | 39°27'29.0594"N | 80°49'44.2468"W | 15984.40     | 156.910     | 0.16      | 0.16       | 0.02      |                            |
| 23362.00  | 90.120      | 160.840 | 6625.89 | 16037.50  | -14792.74 | 6299.43 | 1688725.89 | 14328676.39 | 39°27'28.1812"N | 80°49'43.8560"W | 16078.18     | 156.933     | 0.05      | 0.03       | -0.03     |                            |
| 23457.00  | 90.220      | 161.060 | 6625.61 | 16132.50  | -14882.53 | 6330.44 | 1688756.88 | 14328586.63 | 39°27'27.2931"N | 80°49'43.4628"W | 16172.95     | 156.957     | 0.25      | 0.11       | 0.23      |                            |
| 23646.00  | 90.180      | 160.890 | 6624.95 | 16321.50  | -15061.21 | 6392.05 | 1688818.47 | 14328408.03 | 39°27'25.5260"N | 80°49'42.6817"W | 16361.49     | 157.003     | 0.09      | -0.02      | -0.09     |                            |
| 23740.00  | 90.120      | 160.700 | 6624.70 | 16415.50  | -15149.98 | 6422.97 | 1688849.37 | 14328319.29 | 39°27'24.6481"N | 80°49'42.2896"W | 16455.28     | 157.025     | 0.21      | -0.06      | -0.20     |                            |
| 23835.00  | 90.060      | 160.660 | 6624.55 | 16510.50  | -15239.63 | 6454.40 | 1688880.79 | 14328229.68 | 39°27'23.7615"N | 80°49'41.8911"W | 16550.09     | 157.046     | 0.08      | -0.06      | -0.04     |                            |
| 23911.00  | 90.150      | 160.720 | 6624.42 | 16586.50  | -15311.35 | 6479.53 | 1688905.91 | 14328157.98 | 39°27'23.0521"N | 80°49'41.5725"W | 16625.94     | 157.063     | 0.14      | 0.12       | 0.08      |                            |
| 23935.00‡   | 90.150      | 160.720 | 6624.35 | 16610.50  | -15334.01 | 6487.46 | 1688913.83 | 14328135.34 | 39°27'22.8281"N | 80°49'41.4720"W | 16649.89     | 157.068     | 0.00      | 0.00       | 0.00      | Projected MD at TD: 23935' |



**Actual Wellpath Report**  
Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| HOLE & CASING SECTIONS - Ref Wellbore: Whitmore Unit 2H AWB    Ref Wellpath: Whitmore Unit 2H AWP Proj: 23935' |                  |                |                  |                   |                 |                   |                   |                 |                 |  |
|--|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|--|
| String/Diameter  | Start MD<br>[ft] | End MD<br>[ft] | Interval<br>[ft] | Start TVD<br>[ft] | End TVD<br>[ft] | Start N/S<br>[ft] | Start E/W<br>[ft] | End N/S<br>[ft] | End E/W<br>[ft] |  |
| 20in Conductor   | 25.50            | 106.00         | 80.50            | 25.50             | 106.00          | 0.00              | 0.00              | -0.07           | -0.02           |  |
| 17.5in Open Hole   | 106.00           | 403.00         | 297.00           | 106.00            | 403.00          | -0.07             | -0.02             | -0.41           | -0.38           |  |
| 13.375in Casing Surface  | 25.50            | 384.00         | 358.50           | 25.50             | 384.00          | 0.00              | 0.00              | -0.39           | -0.37           |  |
| 12.25in Open Hole  | 403.00           | 2620.00        | 2217.00          | 403.00            | 2614.55         | -0.41             | -0.38             | 130.19          | 23.49           |  |
| 9.625in Casing Intermediate  | 25.50            | 2601.00        | 2575.50          | 25.50             | 2595.56         | 0.00              | 0.00              | 129.53          | 23.51           |  |
| 8.75in Open Hole   | 2620.00          | 5806.00        | 3186.00          | 2614.55           | 5628.51         | 130.19            | 23.49             | 1017.35         | 462.88          |  |
| 8.5in Open Hole  | 5806.00          | 23935.00       | 18129.00         | 5628.51           | 6624.35         | 1017.35           | 462.88            | -15334.01       | 6487.46         |  |
| 5.5in Casing Production  | 25.50            | 23935.00       | 23909.50         | 25.50             | 6624.35         | 0.00              | 0.00              | -15334.01       | 6487.46         |  |



**Actual Wellpath Report**  
Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| TARGETS                            |                             |            |           |                   |                    |                 |                 |           |
|------------------------------------|-----------------------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-----------|
| Name                               | TVD [ft]                    | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Shape     |
| Whitmore Unit 2H POE Rev-3         | 6500.00                     | 719.25     | 902.47    | 1683331.08        | 14344182.17        | 39°30'1.5877"N  | 80°50'52.3281"W | point     |
| Whitmore Unit 2H AZI Rev-3         | 6525.00                     | 232.77     | 1142.74   | 1683571.25        | 14343695.89        | 39°29'56.7756"N | 80°50'49.2736"W | point     |
| Whitmore Unit 2H BHL Rev-3         | 6525.00                     | -15326.78  | 6496.93   | 1688923.30        | 14328142.56        | 39°27'22.8993"N | 80°49'41.3511"W | point     |
| Whitmore Unit 2H LP Rev-3          | 6525.00                     | 566.26     | 990.80    | 1683419.37        | 14344029.25        | 39°30'0.0742"N  | 80°50'51.2047"W | point     |
| Whitmore Unit 2H 50' L/R Hard Line | 7000.00                     | -7547.55   | 3820.02   | 1686247.47        | 14335918.68        | 39°28'39.8336"N | 80°50'15.2996"W | rectangle |
|                                    | 2D Rectangle 16453.8 x 100. |            |           |                   |                    |                 |                 |           |

| WELLPATH COMPOSITION - Ref Wellbore: Whitmore Unit 2H AWB Ref Wellpath: Whitmore Unit 2H AWP Proj: 23935' |             |  |   |                      |             |  |
|---|-------------|--|---|----------------------|-------------|--|
| Start MD [ft]   | End MD [ft] | Positional Uncertainty Model                           | Log Name/Comment                              | Wellbore             | Survey Date |  |
| 25.50   | 468.00      | Gyrodatta 2015 - GC+VMR+DPIPE                          | 01 Gyrodatta MS Gyro <17-1/2"> (100'-468')    | Whitmore Unit 2H AWB | 13/May/2021 |  |
| 468.00  | 2544.00     | BH NaviTrak (2019) (Axial Corr+HRGM)                   | 02 APS EM <12-1/4"> (468')(596'-2544')        | Whitmore Unit 2H AWB | 13/May/2021 |  |
| 2544.00   | 5742.00     | BH NaviTrak (2019) (Axial Corr+HRGM)                   | 03 APS EM <8-3/4"> (2544')(2615'-5742')       | Whitmore Unit 2H AWB | 05/Jun/2021 |  |
| 5742.00   | 23935.00    | BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing) | 04 BH AT Curve <8-1/2"> (5742')(5796'-23911') | Whitmore Unit 2H AWB | 05/Jun/2021 |  |



**Actual Wellpath Report**  
Whitmore Unit 2H AWP Proj: 23935'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                      |
|-----------------------------------|------------------------------|----------|----------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Whitmore Unit 2H     |
| Field                             | Tyler                        | API      | 47-095-02727-0000    |
| Facility                          | Blizzard Pad                 | Wellbore | Whitmore Unit 2H AWB |
| Slot                              | Slot #04                     |          |                      |

| COMMENTS   |
|--|
| <p><b>Wellpath general comments</b><br/>API: 47-095-02727-0000<br/>BH Job #: 110887523<br/>Rig: H&amp;P 317<br/>Duration: 6/8/2021-6/14/2021<br/>Gyrodatta MS Gyro &lt;17-1/2"&gt; (100'-468')<br/>APS EM &lt;12-1/4"&gt; (468')(596'-2544')<br/>APS EM &lt;8-3/4"&gt; (2544')(2615'-5742')<br/>BH AT Curve &lt;8-1/2"&gt; (5742')(5796'-23911')<br/>Sycamore: 6441' MD<br/>Middlesex: 6597' MD<br/>Burkett: 6743' MD<br/>Tully: 6795' MD<br/>Marcellus POE: 6943' MD<br/>Projected MD at TD: 23935'</p> |