



# ANTERO RESOURCES CORPORATION



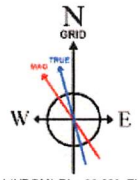
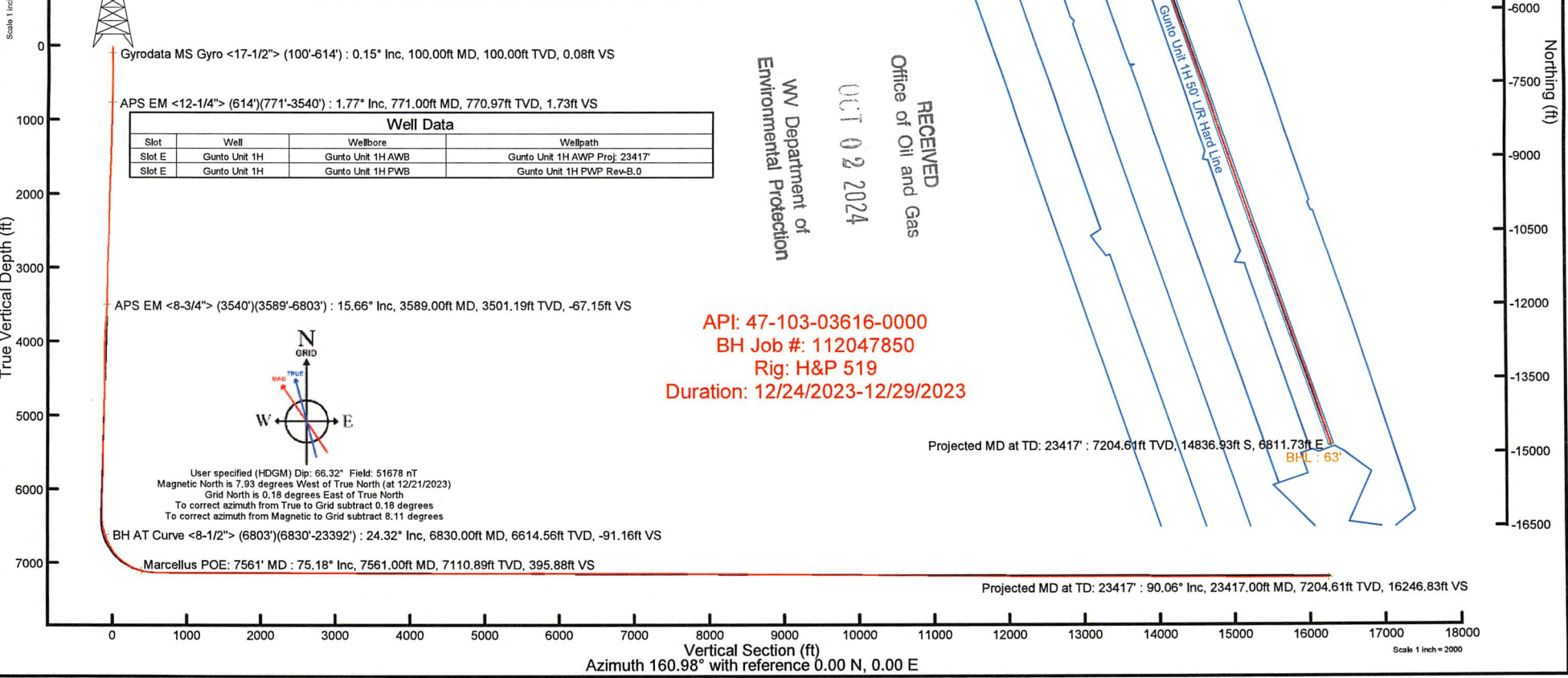
Location: Wetzel County, WV  
 Field: Wetzel  
 Facility: Cedar Pad

Slot: Slot E  
 Well: Gunto Unit 1H  
 Wellbore: Gunto Unit 1H PWB

|  |   |
|--|---|
| Plot reference wellpath is Gunto Unit 1H PWP Rev-B.0               | Grid System: NAD27 / UTM Zone 17 North, US feet                     |
| True vertical depths are referenced to H&P 519 (RKB)               | North Reference: Grid north   |
| Reference wellpath measured depths are referenced to H&P 519 (RKB) | Scale: True distance  |
| H&P 519 (RKB) to Mean Sea Level: 1280 feet                         | Coordinates are in feet referenced to Slot                          |
| Mean Sea Level to Ground level (At Slot: Slot E): -1250 feet       | Depths are in feet  |
| Offset wellpath MDs are referenced to each path's default MD datum | Created by: edcaryar on 2024-01-24; Database: WA_MPL_EASTERNUS_Deft |

| Location Information                             |                   |                    |                   |                    |                 |
|--|-------------------|--------------------|-------------------|--------------------|-----------------|
| Facility Name                                    | Grid East (US ft) | Grid North (US ft) | Latitude          | Longitude          |                 |
| Cedar Pad  | 1721002.500       | 14368725.810       | 39°34'3.3492"N    | 80°42'50.5764"W    |                 |
| Slot   | Local N (ft)      | Local E (ft)       | Grid East (US ft) | Grid North (US ft) | Longitude       |
| Slot E   | 11.11             | 58.88              | 1721061.360       | 14368736.920       | 80°42'49.8240"W |
| Comment  | Gunto Unit 1H     |                    |                   |                    |                 |
| H&P 519 (RKB) to Ground level (At Slot: Slot E)  | 30ft              |                    |                   |                    |                 |
| Mean Sea Level to Ground level (At Slot: Slot E) | -1250ft           |                    |                   |                    |                 |
| H&P 519 (RKB) to Mean Sea Level                  | 1280ft            |                    |                   |                    |                 |

| Well Profile Data |          |         |         |          |              |              |               |          |
|-------------------|----------|---------|---------|----------|--------------|--------------|---------------|----------|
| Design Comment    | MD (ft)  | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | DLS (°/100ft) | VS (ft)  |
| Tie On            | 3540.00  | 15.910  | 65.640  | 3454.04  | 275.11       | 595.81       | 1.95          | -65.91   |
| Proj. to Bottom   | 3611.00  | 15.910  | 65.640  | 3522.32  | 283.14       | 613.54       | 0.00          | -67.73   |
| Drill Out         | 3691.00  | 15.910  | 65.640  | 3599.26  | 292.18       | 633.52       | 0.00          | -69.77   |
| End of 3D Arc     | 3723.08  | 15.277  | 65.260  | 3630.16  | 295.76       | 641.36       | 2.00          | -70.60   |
| Curve KOP         | 6606.03  | 15.277  | 65.260  | 6411.24  | 613.65       | 1331.24      | 0.00          | -146.30  |
| POE               | 7556.07  | 73.925  | 160.983 | 7106.00  | 167.00       | 1640.36      | 8.00          | 376.71   |
| Landing PL        | 7754.51  | 89.800  | 160.983 | 7134.00  | -18.13       | 1704.16      | 8.00          | 572.53   |
| BHL               | 23441.67 | 89.800  | 160.983 | 7188.76  | -14849.03    | 6815.78      | 0.00          | 16259.59 |





# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'

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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| REPORT SETUP INFORMATION |                                    |                  |                         |
|--------------------------|------------------------------------|------------------|-------------------------|
| Projection System        | NAD27 / UTM Zone 17 North, US feet | Software System  | WellArchitect® 6.0      |
| North Reference          | Grid                               | User             | Edsaryar                |
| Scale                    | 0.999607                           | Report Generated | 1/24/2024 at 1:33:55 PM |
| Convergence at slot      | 0.18° 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         | 11.11             | 58.88    | 1721061.36       | 14368736.92     | 39°34'3.4572"N         | 80°42'49.8240"W |
| Facility Reference Pt |                   |          | 1721002.50       | 14368725.81     | 39°34'3.3492"N         | 80°42'50.5764"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 519 (RKB) to Facility Vertical Datum       | 1280.00ft         |
| Horizontal Reference Pt  | Slot              | H&P 519 (RKB) to Mean Sea Level                | 1280.00ft         |
| Vertical Reference Pt    | H&P 519 (RKB)     | H&P 519 (RKB) to Ground Level at Slot (Slot E) | 30.00ft           |
| MD Reference Pt          | H&P 519 (RKB)     | Section Origin                                 | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level    | Section Azimuth                                | 160.98°           |





# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |  |          |                   |
|-----------------------------------|------------------------------|--|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION |  | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       |  | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    |  | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |  |          |                   |

| WELLPATH DATA (258 stations) † = interpolated, ‡ = extrapolated station |                 |             |          |                |            |           |                   |                    |                |                 |                   |                 |               |                      |                     |  |
|---|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|--|
| MD (ft)   | Inclination (°) | Azimuth (°) | TVD (ft) | Vert Sect (ft) | North (ft) | East (ft) | Grid East (US ft) | Grid North (US ft) | Latitude       | Longitude       | Closure Dist (ft) | Closure Dir (°) | DLS (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | Comments                               |
| 0.00†   | 0.000           | 133.430     | 0.00     | 0.00           | 0.00       | 0.00      | 1721061.36        | 14368736.92        | 39°34'3.4572"N | 80°42'49.8240"W | 0.00              | 0.000           | 0.00          | 0.00                 | 0.00                |  |
| 30.00   | 0.000           | 133.430     | 30.00    | 0.00           | 0.00       | 0.00      | 1721061.36        | 14368736.92        | 39°34'3.4572"N | 80°42'49.8240"W | 0.00              | 0.000           | 0.00          | 0.00                 | 0.00                |  |
| 100.00  | 0.150           | 133.430     | 100.00   | 0.08           | -0.06      | 0.07      | 1721061.43        | 14368736.86        | 39°34'3.4566"N | 80°42'49.8232"W | 0.09              | 133.430         | 0.21          | 0.21                 | 0.00                | Gyrodata MS Gyro <17-1/2"> (100'-614') |
| 200.00  | 0.060           | 236.240     | 200.00   | 0.21           | -0.18      | 0.12      | 1721061.48        | 14368736.74        | 39°34'3.4554"N | 80°42'49.8225"W | 0.22              | 147.038         | 0.17          | -0.09                | 102.81              |  |
| 300.00  | 0.190           | 135.440     | 300.00   | 0.37           | -0.33      | 0.19      | 1721061.55        | 14368736.59        | 39°34'3.4540"N | 80°42'49.8216"W | 0.38              | 149.902         | 0.21          | 0.13                 | -100.80             |  |
| 400.00  | 0.090           | 230.340     | 400.00   | 0.55           | -0.50      | 0.25      | 1721061.61        | 14368736.42        | 39°34'3.4523"N | 80°42'49.8209"W | 0.56              | 153.623         | 0.22          | -0.10                | 94.90               |  |
| 500.00  | 0.280           | 145.050     | 500.00   | 0.81           | -0.75      | 0.33      | 1721061.69        | 14368736.17        | 39°34'3.4498"N | 80°42'49.8199"W | 0.82              | 156.433         | 0.29          | 0.19                 | -85.29              |  |
| 600.00  | 0.170           | 111.650     | 600.00   | 1.15           | -1.00      | 0.60      | 1721061.96        | 14368735.92        | 39°34'3.4473"N | 80°42'49.8164"W | 1.17              | 148.938         | 0.17          | -0.11                | -33.40              |  |
| 614.00  | 0.250           | 165.590     | 614.00   | 1.19           | -1.04      | 0.63      | 1721061.99        | 14368735.88        | 39°34'3.4469"N | 80°42'49.8160"W | 1.22              | 148.758         | 1.45          | 0.57                 | 385.29              |  |
| 771.00  | 1.770           | 75.700      | 770.97   | 1.73           | -0.77      | 3.07      | 1721064.42        | 14368736.15        | 39°34'3.4495"N | 80°42'49.7849"W | 3.16              | 104.152         | 1.14          | 0.97                 | -57.25              | APS EM <12-1/4"> (614')(771'-3540')    |
| 861.00  | 3.680           | 66.380      | 860.87   | 1.61           | 0.73       | 7.06      | 1721068.42        | 14368737.65        | 39°34'3.4642"N | 80°42'49.7339"W | 7.10              | 84.115          | 2.17          | 2.12                 | -10.36              |  |
| 951.00  | 5.560           | 61.610      | 950.57   | 0.67           | 3.96       | 13.54     | 1721074.90        | 14368740.88        | 39°34'3.4959"N | 80°42'49.6510"W | 14.11             | 73.707          | 2.13          | 2.09                 | -5.30               |  |
| 1042.00   | 6.240           | 58.810      | 1041.09  | -1.09          | 8.62       | 21.65     | 1721083.00        | 14368745.53        | 39°34'3.5417"N | 80°42'49.5472"W | 23.30             | 68.301          | 0.81          | 0.75                 | -3.08               |  |
| 1136.00   | 7.000           | 57.820      | 1134.46  | -3.47          | 14.31      | 30.87     | 1721092.22        | 14368751.23        | 39°34'3.5977"N | 80°42'49.4293"W | 34.03             | 65.126          | 0.82          | 0.81                 | -1.05               |  |
| 1230.00   | 7.960           | 64.030      | 1227.66  | -5.56          | 20.21      | 41.57     | 1721102.91        | 14368757.12        | 39°34'3.6557"N | 80°42'49.2924"W | 46.22             | 64.069          | 1.33          | 1.02                 | 6.61                |  |
| 1325.00   | 9.550           | 62.960      | 1321.55  | -7.46          | 26.68      | 54.50     | 1721115.84        | 14368763.59        | 39°34'3.7191"N | 80°42'49.1270"W | 60.68             | 63.921          | 1.68          | 1.67                 | -1.13               |  |
| 1420.00   | 11.190          | 63.300      | 1415.00  | -9.79          | 34.40      | 69.76     | 1721131.09        | 14368771.31        | 39°34'3.7950"N | 80°42'48.9319"W | 77.78             | 63.750          | 1.73          | 1.73                 | 0.36                |  |
| 1514.00   | 12.840          | 62.270      | 1506.93  | -12.59         | 43.36      | 87.15     | 1721148.48        | 14368780.26        | 39°34'3.8830"N | 80°42'48.7094"W | 97.34             | 63.549          | 1.77          | 1.76                 | -1.10               |  |
| 1609.00   | 15.570          | 64.270      | 1599.02  | -15.68         | 53.81      | 107.99    | 1721169.30        | 14368790.71        | 39°34'3.9856"N | 80°42'48.4430"W | 120.65            | 63.513          | 2.92          | 2.87                 | 2.11                |  |
| 1703.00   | 16.590          | 64.510      | 1689.34  | -18.66         | 65.06      | 131.46    | 1721192.77        | 14368801.96        | 39°34'4.0961"N | 80°42'48.1427"W | 146.68            | 63.669          | 1.09          | 1.09                 | 0.26                |  |
| 1798.00   | 16.200          | 61.280      | 1780.48  | -22.43         | 77.27      | 155.33    | 1721216.63        | 14368814.16        | 39°34'4.2160"N | 80°42'47.8375"W | 173.49            | 63.553          | 1.04          | -0.41                | -3.40               |  |
| 1892.00   | 16.500          | 66.060      | 1870.68  | -25.78         | 88.98      | 179.03    | 1721240.32        | 14368825.87        | 39°34'4.3310"N | 80°42'47.5344"W | 199.92            | 63.571          | 1.47          | 0.32                 | 5.09                |  |
| 1986.00   | 16.630          | 65.300      | 1960.78  | -28.26         | 100.02     | 203.45    | 1721264.73        | 14368836.90        | 39°34'4.4393"N | 80°42'47.2221"W | 226.71            | 63.820          | 0.27          | 0.14                 | -0.81               |  |
| 2081.00   | 16.600          | 64.480      | 2051.82  | -31.14         | 111.55     | 228.05    | 1721289.32        | 14368848.42        | 39°34'4.5525"N | 80°42'46.9075"W | 253.87            | 63.935          | 0.25          | -0.03                | -0.86               |  |
| 2176.00   | 16.700          | 66.590      | 2142.83  | -33.72         | 122.82     | 252.82    | 1721314.08        | 14368859.69        | 39°34'4.6631"N | 80°42'46.5908"W | 281.07            | 64.090          | 0.64          | 0.11                 | 2.22                |  |
| 2270.00   | 16.990          | 67.910      | 2232.80  | -35.49         | 133.35     | 277.94    | 1721339.19        | 14368870.22        | 39°34'4.7664"N | 80°42'46.2696"W | 308.27            | 64.369          | 0.51          | 0.31                 | 1.40                |  |
| 2365.00   | 16.810          | 67.240      | 2323.70  | -37.13         | 143.88     | 303.47    | 1721364.71        | 14368880.75        | 39°34'4.8697"N | 80°42'45.9432"W | 335.85            | 64.633          | 0.28          | -0.19                | -0.71               |  |
| 2459.00   | 16.700          | 67.200      | 2413.71  | -38.90         | 154.38     | 328.45    | 1721389.68        | 14368891.23        | 39°34'4.9726"N | 80°42'45.6237"W | 362.92            | 64.826          | 0.12          | -0.12                | -0.04               |  |
| 2553.00   | 16.590          | 65.890      | 2503.77  | -40.99         | 165.09     | 353.15    | 1721414.37        | 14368901.95        | 39°34'5.0777"N | 80°42'45.3079"W | 389.84            | 64.945          | 0.42          | -0.12                | -1.39               |  |
| 2648.00   | 16.250          | 63.940      | 2594.90  | -43.82         | 176.47     | 377.47    | 1721438.68        | 14368913.32        | 39°34'5.1894"N | 80°42'44.9969"W | 416.69            | 64.944          | 0.68          | -0.36                | -2.05               |  |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) |                 |             |          |                |            |           |                   |                    |                |                 |                   |                 |               |                      |                     |                                      |  |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|--------------------------------------|--|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude       | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments                             |  |
| 2742.00                      | 16.000          | 63.420      | 2685.20  | -47.13         | 188.04     | 400.87    | 1721462.07        | 14368924.89        | 39°34'5.3031"N | 80°42'44.6976"W | 442.79            | 64.869          | 0.31          | -0.27                | -0.55               |                                      |  |
| 2837.00                      | 15.590          | 60.940      | 2776.61  | -51.08         | 200.10     | 423.74    | 1721484.93        | 14368936.94        | 39°34'5.4215"N | 80°42'44.4051"W | 468.61            | 64.722          | 0.83          | -0.43                | -2.61               |                                      |  |
| 2932.00                      | 15.780          | 66.630      | 2868.08  | -54.29         | 211.43     | 446.76    | 1721507.94        | 14368948.27        | 39°34'5.5327"N | 80°42'44.1107"W | 494.26            | 64.674          | 1.63          | 0.20                 | 5.99                |                                      |  |
| 3027.00                      | 15.750          | 69.030      | 2959.51  | -55.71         | 221.17     | 470.66    | 1721531.83        | 14368958.00        | 39°34'5.6282"N | 80°42'43.8052"W | 520.03            | 64.831          | 0.69          | -0.03                | 2.53                |                                      |  |
| 3121.00                      | 15.350          | 67.490      | 3050.07  | -56.90         | 230.50     | 494.06    | 1721555.23        | 14368967.33        | 39°34'5.7197"N | 80°42'43.5059"W | 545.18            | 64.989          | 0.61          | -0.43                | -1.64               |                                      |  |
| 3215.00                      | 15.050          | 66.730      | 3140.78  | -58.56         | 240.08     | 516.77    | 1721577.92        | 14368976.91        | 39°34'5.8137"N | 80°42'43.2156"W | 569.81            | 65.081          | 0.38          | -0.32                | -0.81               |                                      |  |
| 3310.00                      | 14.430          | 64.120      | 3232.65  | -60.89         | 250.12     | 538.75    | 1721599.90        | 14368986.94        | 39°34'5.9122"N | 80°42'42.9345"W | 593.98            | 65.096          | 0.96          | -0.65                | -2.75               |                                      |  |
| 3405.00                      | 15.840          | 66.380      | 3324.36  | -63.34         | 260.48     | 561.28    | 1721622.42        | 14368997.30        | 39°34'6.0139"N | 80°42'42.6464"W | 618.78            | 65.105          | 1.61          | 1.48                 | 2.38                |                                      |  |
| 3499.00                      | 16.400          | 67.910      | 3414.66  | -65.08         | 270.61     | 585.33    | 1721646.46        | 14369007.43        | 39°34'6.1133"N | 80°42'42.3389"W | 644.86            | 65.188          | 0.75          | 0.60                 | 1.63                |                                      |  |
| 3540.00                      | 15.910          | 65.640      | 3454.04  | -65.91         | 275.11     | 595.81    | 1721656.94        | 14369011.92        | 39°34'6.1574"N | 80°42'42.2048"W | 656.26            | 65.216          | 1.95          | -1.20                | -5.54               |                                      |  |
| 3589.00                      | 15.660          | 65.700      | 3501.19  | -67.15         | 280.60     | 607.96    | 1721669.08        | 14369017.41        | 39°34'6.2112"N | 80°42'42.0495"W | 669.59            | 65.225          | 0.51          | -0.51                | 0.12                | APS EM <8-3/4"> (3540')(3589'-6803') |  |
| 3683.00                      | 14.580          | 61.930      | 3591.94  | -70.18         | 291.39     | 629.96    | 1721691.07        | 14369028.19        | 39°34'6.3172"N | 80°42'41.7681"W | 694.09            | 65.177          | 1.55          | -1.15                | -4.01               |                                      |  |
| 3778.00                      | 15.710          | 50.550      | 3683.66  | -76.55         | 305.19     | 650.45    | 1721711.55        | 14369041.99        | 39°34'6.4529"N | 80°42'41.5059"W | 718.49            | 64.864          | 3.34          | 1.19                 | -11.98              |                                      |  |
| 3872.00                      | 18.820          | 58.000      | 3773.42  | -84.40         | 321.32     | 673.14    | 1721734.24        | 14369058.11        | 39°34'6.6116"N | 80°42'41.2155"W | 745.90            | 64.483          | 4.05          | 3.31                 | 7.93                |                                      |  |
| 3967.00                      | 20.090          | 62.590      | 3863.00  | -90.22         | 336.95     | 700.62    | 1721761.71        | 14369073.74        | 39°34'6.7652"N | 80°42'40.8639"W | 777.44            | 64.316          | 2.09          | 1.34                 | 4.83                |                                      |  |
| 4061.00                      | 19.850          | 66.260      | 3951.35  | -93.89         | 350.81     | 729.57    | 1721790.64        | 14369087.59        | 39°34'6.9013"N | 80°42'40.4938"W | 809.53            | 64.320          | 1.36          | -0.26                | 3.90                |                                      |  |
| 4156.00                      | 18.540          | 67.930      | 4041.07  | -96.02         | 362.98     | 758.33    | 1721819.39        | 14369099.75        | 39°34'7.0206"N | 80°42'40.1260"W | 840.72            | 64.422          | 1.50          | -1.38                | 1.76                |                                      |  |
| 4250.00                      | 16.690          | 71.010      | 4130.66  | -96.81         | 372.99     | 784.94    | 1721845.99        | 14369109.76        | 39°34'7.1187"N | 80°42'39.7857"W | 869.05            | 64.584          | 2.20          | -1.97                | 3.28                |                                      |  |
| 4345.00                      | 14.450          | 73.270      | 4222.17  | -96.33         | 380.84     | 809.20    | 1721870.24        | 14369117.61        | 39°34'7.1955"N | 80°42'39.4757"W | 894.34            | 64.797          | 2.44          | -2.36                | 2.38                |                                      |  |
| 4439.00                      | 14.050          | 70.990      | 4313.28  | -95.86         | 387.93     | 831.22    | 1721892.25        | 14369124.70        | 39°34'7.2649"N | 80°42'39.1943"W | 917.28            | 64.981          | 0.73          | -0.43                | -2.43               |                                      |  |
| 4533.00                      | 14.460          | 68.290      | 4404.39  | -96.41         | 395.99     | 852.91    | 1721913.93        | 14369132.75        | 39°34'7.3439"N | 80°42'38.9169"W | 940.35            | 65.096          | 0.83          | 0.44                 | -2.87               |                                      |  |
| 4628.00                      | 14.880          | 66.430      | 4496.29  | -97.93         | 405.25     | 875.11    | 1721936.12        | 14369142.01        | 39°34'7.4347"N | 80°42'38.6331"W | 964.39            | 65.152          | 0.66          | 0.44                 | -1.96               |                                      |  |
| 4723.00                      | 14.870          | 68.380      | 4588.11  | -99.45         | 414.62     | 897.62    | 1721958.63        | 14369151.38        | 39°34'7.5266"N | 80°42'38.3452"W | 988.75            | 65.207          | 0.53          | -0.01                | 2.05                |                                      |  |
| 4817.00                      | 14.620          | 69.750      | 4679.01  | -100.25        | 423.17     | 919.96    | 1721980.96        | 14369159.93        | 39°34'7.6104"N | 80°42'38.0596"W | 1012.62           | 65.298          | 0.46          | -0.27                | 1.46                |                                      |  |
| 4912.00                      | 15.350          | 67.150      | 4770.78  | -101.35        | 432.20     | 942.80    | 1722003.79        | 14369168.95        | 39°34'7.6990"N | 80°42'37.7676"W | 1037.15           | 65.372          | 1.04          | 0.77                 | -2.74               |                                      |  |
| 5006.00                      | 14.330          | 61.810      | 4861.65  | -104.04        | 442.53     | 964.52    | 1722025.50        | 14369179.28        | 39°34'7.8003"N | 80°42'37.4898"W | 1061.19           | 65.354          | 1.81          | -1.09                | -5.68               |                                      |  |
| 5101.00                      | 14.890          | 66.540      | 4953.58  | -106.86        | 452.95     | 986.08    | 1722047.05        | 14369189.69        | 39°34'7.9026"N | 80°42'37.2141"W | 1085.13           | 65.329          | 1.39          | 0.59                 | 4.98                |                                      |  |
| 5196.00                      | 14.930          | 69.890      | 5045.38  | -108.03        | 462.01     | 1008.77   | 1722069.73        | 14369198.75        | 39°34'7.9915"N | 80°42'36.9240"W | 1109.54           | 65.392          | 0.91          | 0.04                 | 3.53                |                                      |  |
| 5290.00                      | 14.490          | 68.180      | 5136.30  | -108.84        | 470.55     | 1031.06   | 1722092.01        | 14369207.28        | 39°34'8.0751"N | 80°42'36.6390"W | 1133.35           | 65.469          | 0.66          | -0.47                | -1.82               |                                      |  |
| 5386.00                      | 14.460          | 62.950      | 5229.26  | -111.10        | 480.46     | 1052.88   | 1722113.83        | 14369217.19        | 39°34'8.1724"N | 80°42'36.3599"W | 1157.33           | 65.471          | 1.36          | -0.03                | -5.45               |                                      |  |





# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) † = interpolated, ‡ = extrapolated station |                 |             |          |                |            |           |                   |                    |                |                 |                   |                 |               |                      |                     |  |
|---|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|--|
| MD [ft]   | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude       | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments                                   |
| 5479.00   | 14.860          | 62.180      | 5319.23  | -114.55        | 491.31     | 1073.77   | 1722134.71        | 14369228.03        | 39°34'8.2789"N | 80°42'36.0928"W | 1180.83           | 65.413          | 0.48          | 0.43                 | -0.83               |  |
| 5573.00   | 15.600          | 64.950      | 5409.93  | -117.72        | 502.29     | 1095.88   | 1722156.81        | 14369239.01        | 39°34'8.3867"N | 80°42'35.8100"W | 1205.51           | 65.376          | 1.10          | 0.79                 | 2.95                |  |
| 5671.00   | 16.800          | 70.440      | 5504.04  | -119.24        | 512.61     | 1121.17   | 1722182.08        | 14369249.33        | 39°34'8.4879"N | 80°42'35.4867"W | 1232.79           | 65.430          | 1.98          | 1.22                 | 5.60                |  |
| 5765.00   | 18.480          | 70.870      | 5593.62  | -119.39        | 522.04     | 1148.04   | 1722208.95        | 14369258.75        | 39°34'8.5803"N | 80°42'35.1431"W | 1261.16           | 65.548          | 1.79          | 1.79                 | 0.46                |  |
| 5860.00   | 16.540          | 68.250      | 5684.21  | -120.06        | 531.98     | 1174.83   | 1722235.73        | 14369268.69        | 39°34'8.6777"N | 80°42'34.8006"W | 1289.67           | 65.638          | 2.20          | -2.04                | -2.76               |  |
| 5954.00   | 16.680          | 69.370      | 5774.29  | -121.08        | 541.70     | 1199.89   | 1722260.77        | 14369278.40        | 39°34'8.7729"N | 80°42'34.4803"W | 1316.49           | 65.703          | 0.37          | 0.15                 | 1.19                |  |
| 6049.00   | 16.080          | 66.320      | 5865.44  | -122.53        | 551.78     | 1224.69   | 1722285.57        | 14369288.49        | 39°34'8.8718"N | 80°42'34.1631"W | 1343.26           | 65.746          | 1.10          | -0.63                | -3.21               |  |
| 6143.00   | 14.550          | 62.120      | 5956.10  | -125.41        | 562.53     | 1247.06   | 1722307.92        | 14369299.23        | 39°34'8.9773"N | 80°42'33.8771"W | 1368.06           | 65.720          | 2.01          | -1.63                | -4.47               |  |
| 6237.00   | 13.560          | 64.180      | 6047.29  | -128.53        | 572.86     | 1267.41   | 1722328.27        | 14369309.55        | 39°34'9.0787"N | 80°42'33.6167"W | 1390.86           | 65.678          | 1.18          | -1.05                | 2.19                |  |
| 6332.00   | 14.620          | 65.340      | 6139.43  | -131.03        | 582.71     | 1288.33   | 1722349.19        | 14369319.40        | 39°34'9.1754"N | 80°42'33.3492"W | 1413.99           | 65.663          | 1.15          | 1.12                 | 1.22                |  |
| 6426.00   | 15.470          | 69.450      | 6230.21  | -132.53        | 592.06     | 1310.86   | 1722371.70        | 14369328.75        | 39°34'9.2671"N | 80°42'33.0612"W | 1438.36           | 65.693          | 1.45          | 0.90                 | 4.37                |  |
| 6520.00   | 15.200          | 71.580      | 6320.86  | -132.74        | 600.35     | 1334.29   | 1722395.12        | 14369337.04        | 39°34'9.3483"N | 80°42'32.7617"W | 1463.13           | 65.775          | 0.66          | -0.29                | 2.27                |  |
| 6614.00   | 15.190          | 80.140      | 6411.59  | -130.65        | 606.36     | 1358.11   | 1722418.94        | 14369343.04        | 39°34'9.4069"N | 80°42'32.4572"W | 1487.33           | 65.941          | 2.38          | -0.01                | 9.11                |  |
| 6709.00   | 19.430          | 101.220     | 6502.35  | -120.69        | 605.41     | 1385.91   | 1722446.73        | 14369342.09        | 39°34'9.3967"N | 80°42'32.1022"W | 1512.38           | 66.403          | 7.90          | 4.46                 | 22.19               |  |
| 6803.00   | 23.510          | 116.650     | 6589.88  | -99.38         | 593.95     | 1418.05   | 1722478.85        | 14369330.63        | 39°34'9.2823"N | 80°42'31.6924"W | 1537.41           | 67.274          | 7.38          | 4.34                 | 16.41               |  |
| 6830.00   | 24.320          | 122.720     | 6614.56  | -91.16         | 588.53     | 1427.54   | 1722488.34        | 14369325.21        | 39°34'9.2284"N | 80°42'31.5714"W | 1544.10           | 67.595          | 9.59          | 3.00                 | 22.48               | BH AT Curve <8-1/2"> (6803')(6830'-23392') |
| 6924.00   | 23.090          | 134.070     | 6700.68  | -59.51         | 565.23     | 1457.08   | 1722517.87        | 14369301.93        | 39°34'8.9973"N | 80°42'31.1951"W | 1562.87           | 68.798          | 5.02          | -1.31                | 12.07               |  |
| 6994.00†  | 27.626          | 145.520     | 6763.95  | -31.60         | 542.28     | 1476.16   | 1722536.93        | 14369278.98        | 39°34'8.7698"N | 80°42'30.9525"W | 1572.61           | 69.829          | 9.52          | 6.48                 | 16.36               | Sycamore: 6994' MD                         |
| 7019.00   | 29.430          | 148.770     | 6785.92  | -20.00         | 532.25     | 1482.62   | 1722543.40        | 14369268.96        | 39°34'8.6705"N | 80°42'30.8703"W | 1575.26           | 70.252          | 9.52          | 7.22                 | 13.00               |  |
| 7113.00   | 37.300          | 155.940     | 6864.40  | 31.04          | 486.40     | 1506.25   | 1722567.02        | 14369223.13        | 39°34'8.2166"N | 80°42'30.5705"W | 1582.84           | 72.104          | 9.35          | 8.37                 | 7.63                |  |
| 7153.00†  | 41.184          | 157.622     | 6895.37  | 56.27          | 463.15     | 1516.21   | 1722576.97        | 14369199.89        | 39°34'7.9865"N | 80°42'30.4443"W | 1585.37           | 73.014          | 10.07         | 9.71                 | 4.21                | Middlesex: 7153' MD                        |
| 7207.00   | 46.460          | 159.520     | 6934.32  | 93.61          | 428.35     | 1529.84   | 1722590.60        | 14369165.10        | 39°34'7.6421"N | 80°42'30.2717"W | 1588.68           | 74.358          | 10.07         | 9.77                 | 3.51                |  |
| 7298.00†  | 53.275          | 158.957     | 6992.94  | 163.11         | 363.34     | 1554.50   | 1722615.25        | 14369100.11        | 39°34'6.9988"N | 80°42'29.9594"W | 1596.40           | 76.844          | 7.50          | 7.49                 | -0.62               | Burkett: 7298' MD                          |
| 7301.00   | 53.500          | 158.940     | 6994.73  | 165.52         | 361.09     | 1555.37   | 1722616.12        | 14369097.87        | 39°34'6.9765"N | 80°42'29.9485"W | 1596.73           | 76.930          | 7.50          | 7.49                 | -0.56               |  |
| 7351.00†  | 56.127          | 158.585     | 7023.54  | 206.35         | 323.00     | 1570.17   | 1722630.91        | 14369059.80        | 39°34'6.5997"N | 80°42'29.7610"W | 1603.05           | 78.376          | 5.29          | 5.25                 | -0.71               | Tully: 7351' MD                            |
| 7395.00   | 58.440          | 158.290     | 7047.32  | 243.33         | 288.58     | 1583.78   | 1722644.51        | 14369025.38        | 39°34'6.2590"N | 80°42'29.5887"W | 1609.85           | 79.674          | 5.29          | 5.26                 | -0.67               |  |
| 7489.00   | 68.850          | 158.730     | 7088.99  | 327.36         | 210.31     | 1614.58   | 1722675.30        | 14368947.14        | 39°34'5.4844"N | 80°42'29.1987"W | 1628.22           | 82.579          | 11.08         | 11.07                | 0.47                |  |
| 7542.00   | 74.040          | 159.680     | 7105.85  | 377.57         | 163.35     | 1632.40   | 1722693.12        | 14368900.20        | 39°34'5.0198"N | 80°42'28.9730"W | 1640.56           | 84.286          | 9.94          | 9.79                 | 1.79                |  |
| 7561.00†  | 75.180          | 160.049     | 7110.89  | 395.88         | 146.15     | 1638.71   | 1722699.42        | 14368883.01        | 39°34'4.8496"N | 80°42'28.8932"W | 1645.21           | 84.904          | 6.28          | 6.00                 | 1.94                | Marcellus POE: 7561' MD                    |
| 7584.00   | 76.560          | 160.490     | 7116.51  | 418.18         | 125.16     | 1646.24   | 1722706.95        | 14368862.03        | 39°34'4.6419"N | 80°42'28.7979"W | 1650.99           | 85.652          | 6.28          | 6.00                 | 1.92                |  |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |          |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 7678.00                      | 82.070          | 161.220     | 7133.93  | 510.52         | 37.93      | 1676.52   | 1722737.21        | 14368774.83        | 39°34'3.7788"N  | 80°42'28.4149"W | 1676.94           | 88.704          | 5.91          | 5.86                 | 0.78                |          |
| 7772.00                      | 90.310          | 161.570     | 7140.17  | 604.23         | -50.89     | 1706.41   | 1722767.10        | 14368686.05        | 39°34'2.9001"N  | 80°42'28.0369"W | 1707.17           | 91.708          | 8.77          | 8.77                 | 0.37                |          |
| 7866.00                      | 89.820          | 160.190     | 7140.06  | 698.22         | -139.70    | 1737.20   | 1722797.88        | 14368597.27        | 39°34'2.0213"N  | 80°42'27.6474"W | 1742.81           | 94.598          | 1.56          | -0.52                | -1.47               |          |
| 7961.00                      | 89.720          | 159.690     | 7140.44  | 793.21         | -228.94    | 1769.79   | 1722830.45        | 14368508.07        | 39°34'1.1383"N  | 80°42'27.2350"W | 1784.53           | 97.371          | 0.54          | -0.11                | -0.53               |          |
| 8058.00                      | 90.030          | 158.940     | 7140.66  | 890.17         | -319.68    | 1804.05   | 1722864.70        | 14368417.36        | 39°34'0.2404"N  | 80°42'26.8013"W | 1832.15           | 100.049         | 0.84          | 0.32                 | -0.77               |          |
| 8153.00                      | 89.600          | 159.760     | 7140.96  | 985.13         | -408.58    | 1837.55   | 1722898.19        | 14368328.50        | 39°33'59.3607"N | 80°42'26.3772"W | 1882.43           | 102.536         | 0.97          | -0.45                | 0.86                |          |
| 8247.00                      | 90.090          | 159.570     | 7141.22  | 1079.10        | -496.72    | 1870.22   | 1722930.84        | 14368240.40        | 39°33'58.4886"N | 80°42'25.9638"W | 1935.06           | 104.874         | 0.56          | 0.52                 | -0.20               |          |
| 8341.00                      | 89.750          | 160.290     | 7141.35  | 1173.08        | -585.01    | 1902.47   | 1722963.08        | 14368152.14        | 39°33'57.6149"N | 80°42'25.5556"W | 1990.39           | 107.093         | 0.85          | -0.36                | 0.77                |          |
| 8435.00                      | 89.880          | 160.980     | 7141.65  | 1267.08        | -673.69    | 1933.64   | 1722994.24        | 14368063.50        | 39°33'56.7375"N | 80°42'25.1613"W | 2047.64           | 109.209         | 0.75          | 0.14                 | 0.73                |          |
| 8529.00                      | 89.450          | 160.540     | 7142.20  | 1361.08        | -762.44    | 1964.62   | 1723025.20        | 14367974.78        | 39°33'55.8594"N | 80°42'24.7694"W | 2107.38           | 111.210         | 0.65          | -0.46                | -0.47               |          |
| 8623.00                      | 89.850          | 160.810     | 7142.77  | 1455.07        | -851.14    | 1995.72   | 1723056.30        | 14367886.12        | 39°33'54.9817"N | 80°42'24.3759"W | 2169.64           | 113.097         | 0.51          | 0.43                 | 0.29                |          |
| 8717.00                      | 89.480          | 160.750     | 7143.32  | 1549.07        | -939.90    | 2026.67   | 1723087.23        | 14367797.39        | 39°33'54.1035"N | 80°42'23.9845"W | 2234.01           | 114.880         | 0.40          | -0.39                | -0.06               |          |
| 8812.00                      | 89.230          | 160.150     | 7144.39  | 1644.06        | -1029.42   | 2058.46   | 1723119.00        | 14367707.91        | 39°33'53.2178"N | 80°42'23.5824"W | 2301.51           | 116.569         | 0.68          | -0.26                | -0.63               |          |
| 8906.00                      | 90.090          | 160.940     | 7144.95  | 1738.06        | -1118.05   | 2089.76   | 1723150.30        | 14367619.32        | 39°33'52.3408"N | 80°42'23.1863"W | 2370.05           | 118.147         | 1.24          | 0.91                 | 0.84                |          |
| 9001.00                      | 89.480          | 159.970     | 7145.31  | 1833.05        | -1207.57   | 2121.54   | 1723182.07        | 14367529.83        | 39°33'51.4550"N | 80°42'22.7843"W | 2441.14           | 119.648         | 1.21          | -0.64                | -1.02               |          |
| 9095.00                      | 90.280          | 160.660     | 7145.51  | 1927.04        | -1296.07   | 2153.21   | 1723213.72        | 14367441.36        | 39°33'50.5793"N | 80°42'22.3837"W | 2513.19           | 121.045         | 1.12          | 0.85                 | 0.73                |          |
| 9189.00                      | 90.740          | 159.640     | 7144.67  | 2021.03        | -1384.48   | 2185.12   | 1723245.62        | 14367352.98        | 39°33'49.7045"N | 80°42'21.9798"W | 2586.81           | 122.358         | 1.19          | 0.49                 | -1.09               |          |
| 9283.00                      | 89.880          | 159.310     | 7144.16  | 2114.99        | -1472.51   | 2218.08   | 1723278.57        | 14367264.99        | 39°33'48.8334"N | 80°42'21.5627"W | 2662.36           | 123.579         | 0.98          | -0.91                | -0.35               |          |
| 9377.00                      | 90.310          | 159.430     | 7144.00  | 2208.95        | -1560.49   | 2251.20   | 1723311.67        | 14367177.05        | 39°33'47.9629"N | 80°42'21.1435"W | 2739.16           | 124.729         | 0.47          | 0.46                 | 0.13                |          |
| 9471.00                      | 90.030          | 157.860     | 7143.73  | 2302.87        | -1648.03   | 2285.43   | 1723345.89        | 14367089.54        | 39°33'47.0965"N | 80°42'20.7101"W | 2817.66           | 125.795         | 1.70          | -0.30                | -1.67               |          |
| 9565.00                      | 89.110          | 155.260     | 7144.43  | 2396.58        | -1734.26   | 2322.82   | 1723383.26        | 14367003.34        | 39°33'46.2431"N | 80°42'20.2363"W | 2898.82           | 126.746         | 2.93          | -0.98                | -2.77               |          |
| 9660.00                      | 89.850          | 158.460     | 7145.29  | 2491.32        | -1821.60   | 2360.14   | 1723420.57        | 14366916.04        | 39°33'45.3787"N | 80°42'19.7634"W | 2981.36           | 127.662         | 3.46          | 0.78                 | 3.37                |          |
| 9754.00                      | 89.480          | 162.010     | 7145.84  | 2585.29        | -1910.05   | 2391.92   | 1723452.34        | 14366827.62        | 39°33'44.5035"N | 80°42'19.3613"W | 3060.98           | 128.609         | 3.80          | -0.39                | 3.78                |          |
| 9849.00                      | 89.820          | 162.530     | 7146.42  | 2680.27        | -2000.54   | 2420.85   | 1723481.26        | 14366737.17        | 39°33'43.6083"N | 80°42'18.9957"W | 3140.49           | 129.570         | 0.65          | 0.36                 | 0.55                |          |
| 9943.00                      | 90.180          | 162.870     | 7146.42  | 2774.22        | -2090.28   | 2448.81   | 1723509.20        | 14366647.46        | 39°33'42.7204"N | 80°42'18.6426"W | 3219.62           | 130.484         | 0.53          | 0.38                 | 0.36                |          |
| 10037.00                     | 89.630          | 162.250     | 7146.58  | 2868.19        | -2179.96   | 2476.98   | 1723537.36        | 14366557.82        | 39°33'41.8332"N | 80°42'18.2866"W | 3299.64           | 131.351         | 0.88          | -0.59                | -0.66               |          |
| 10132.00                     | 90.370          | 162.800     | 7146.58  | 2963.15        | -2270.58   | 2505.51   | 1723565.88        | 14366467.24        | 39°33'40.9367"N | 80°42'17.9262"W | 3381.28           | 132.184         | 0.97          | 0.78                 | 0.58                |          |
| 10226.00                     | 90.250          | 162.240     | 7146.07  | 3057.12        | -2360.23   | 2533.74   | 1723594.10        | 14366377.62        | 39°33'40.0497"N | 80°42'17.5694"W | 3462.74           | 132.970         | 0.61          | -0.13                | -0.60               |          |
| 10321.00                     | 89.780          | 162.300     | 7146.05  | 3152.09        | -2450.72   | 2562.67   | 1723623.02        | 14366287.17        | 39°33'39.1544"N | 80°42'17.2038"W | 3545.89           | 133.721         | 0.50          | -0.49                | 0.06                |          |
| 10415.00                     | 89.540          | 162.090     | 7146.60  | 3246.07        | -2540.22   | 2591.41   | 1723651.75        | 14366197.71        | 39°33'38.2690"N | 80°42'16.8406"W | 3628.79           | 134.428         | 0.34          | -0.26                | -0.22               |          |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |          |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 10509.00                     | 89.420          | 162.460     | 7147.46  | 3340.04        | -2629.75   | 2620.03   | 1723680.36        | 14366108.21        | 39°33'37.3832"N | 80°42'16.4790"W | 3712.16           | 135.106         | 0.41          | -0.13                | 0.39                |          |
| 10604.00                     | 89.880          | 162.730     | 7148.04  | 3435.00        | -2720.40   | 2648.45   | 1723708.76        | 14366017.59        | 39°33'36.4864"N | 80°42'16.1200"W | 3796.69           | 135.768         | 0.56          | 0.48                 | 0.28                |          |
| 10698.00                     | 89.380          | 162.710     | 7148.64  | 3528.96        | -2810.15   | 2676.37   | 1723736.67        | 14365927.88        | 39°33'35.5984"N | 80°42'15.7673"W | 3880.71           | 136.397         | 0.53          | -0.53                | -0.02               |          |
| 10792.00                     | 90.490          | 162.610     | 7148.75  | 3622.91        | -2899.88   | 2704.38   | 1723764.68        | 14365838.18        | 39°33'34.7107"N | 80°42'15.4133"W | 3965.22           | 136.998         | 1.19          | 1.18                 | -0.11               |          |
| 10887.00                     | 89.910          | 162.860     | 7148.42  | 3717.87        | -2990.60   | 2732.58   | 1723792.86        | 14365747.50        | 39°33'33.8132"N | 80°42'15.0572"W | 4051.01           | 137.581         | 0.66          | -0.61                | 0.26                |          |
| 10981.00                     | 90.030          | 161.780     | 7148.47  | 3811.84        | -3080.16   | 2761.13   | 1723821.40        | 14365657.98        | 39°33'32.9271"N | 80°42'14.6964"W | 4136.57           | 138.126         | 1.16          | 0.13                 | -1.15               |          |
| 11076.00                     | 90.150          | 162.440     | 7148.32  | 3906.82        | -3170.56   | 2790.31   | 1723850.57        | 14365567.61        | 39°33'32.0327"N | 80°42'14.3277"W | 4223.54           | 138.650         | 0.71          | 0.13                 | 0.69                |          |
| 11170.00                     | 90.250          | 163.000     | 7147.99  | 4000.78        | -3260.32   | 2818.23   | 1723878.48        | 14365477.89        | 39°33'31.1447"N | 80°42'13.9749"W | 4309.54           | 139.160         | 0.61          | 0.11                 | 0.60                |          |
| 11265.00                     | 89.780          | 162.270     | 7147.97  | 4095.74        | -3350.99   | 2846.58   | 1723906.82        | 14365387.25        | 39°33'30.2477"N | 80°42'13.6168"W | 4396.84           | 139.653         | 0.91          | -0.49                | -0.77               |          |
| 11359.00                     | 89.630          | 163.430     | 7148.45  | 4189.68        | -3440.81   | 2874.30   | 1723934.53        | 14365297.47        | 39°33'29.3591"N | 80°42'13.2667"W | 4483.39           | 140.126         | 1.24          | -0.16                | 1.23                |          |
| 11453.00                     | 90.280          | 161.450     | 7148.52  | 4283.65        | -3530.42   | 2902.66   | 1723962.87        | 14365207.89        | 39°33'28.4725"N | 80°42'12.9084"W | 4570.48           | 140.573         | 2.22          | 0.69                 | -2.11               |          |
| 11547.00                     | 89.850          | 161.600     | 7148.42  | 4377.64        | -3619.58   | 2932.45   | 1723992.65        | 14365118.77        | 39°33'27.5904"N | 80°42'12.5318"W | 4658.39           | 140.987         | 0.48          | -0.46                | 0.16                |          |
| 11642.00                     | 89.690          | 161.720     | 7148.80  | 4472.64        | -3709.75   | 2962.34   | 1724022.53        | 14365028.63        | 39°33'26.6982"N | 80°42'12.1540"W | 4747.39           | 141.392         | 0.21          | -0.17                | 0.13                |          |
| 11736.00                     | 90.060          | 161.300     | 7149.00  | 4566.63        | -3798.90   | 2992.15   | 1724052.33        | 14364939.52        | 39°33'25.8161"N | 80°42'11.7771"W | 4835.76           | 141.775         | 0.60          | 0.39                 | -0.45               |          |
| 11831.00                     | 90.550          | 160.690     | 7148.50  | 4661.63        | -3888.72   | 3023.09   | 1724083.25        | 14364849.74        | 39°33'24.9274"N | 80°42'11.3859"W | 4925.56           | 142.139         | 0.82          | 0.52                 | -0.64               |          |
| 11925.00                     | 89.970          | 162.120     | 7148.07  | 4755.62        | -3977.81   | 3053.06   | 1724113.21        | 14364760.68        | 39°33'24.0460"N | 80°42'11.0070"W | 5014.39           | 142.493         | 1.64          | -0.62                | 1.52                |          |
| 12019.00                     | 90.250          | 161.360     | 7147.89  | 4849.61        | -4067.07   | 3082.51   | 1724142.66        | 14364671.45        | 39°33'23.1628"N | 80°42'10.6348"W | 5103.23           | 142.841         | 0.86          | 0.30                 | -0.81               |          |
| 12114.00                     | 90.150          | 162.130     | 7147.56  | 4944.60        | -4157.29   | 3112.27   | 1724172.40        | 14364581.27        | 39°33'22.2702"N | 80°42'10.2586"W | 5193.20           | 143.180         | 0.82          | -0.11                | 0.81                |          |
| 12208.00                     | 90.030          | 161.190     | 7147.41  | 5038.60        | -4246.51   | 3141.85   | 1724201.97        | 14364492.08        | 39°33'21.3874"N | 80°42'9.8848"W  | 5282.43           | 143.504         | 1.01          | -0.13                | -1.00               |          |
| 12303.00                     | 90.180          | 161.340     | 7147.24  | 5133.60        | -4336.48   | 3172.36   | 1724232.47        | 14364402.15        | 39°33'20.4972"N | 80°42'9.4990"W  | 5372.98           | 143.813         | 0.22          | 0.16                 | 0.16                |          |
| 12397.00                     | 89.970          | 161.900     | 7147.11  | 5227.59        | -4425.68   | 3202.00   | 1724262.10        | 14364312.98        | 39°33'19.6146"N | 80°42'9.1244"W  | 5462.55           | 144.114         | 0.64          | -0.22                | 0.60                |          |
| 12491.00                     | 89.630          | 161.010     | 7147.44  | 5321.58        | -4514.80   | 3231.90   | 1724291.98        | 14364223.90        | 39°33'18.7329"N | 80°42'8.7465"W  | 5552.35           | 144.403         | 1.01          | -0.36                | -0.95               |          |
| 12585.00                     | 90.310          | 161.620     | 7147.49  | 5415.58        | -4603.85   | 3262.01   | 1724322.08        | 14364134.89        | 39°33'17.8519"N | 80°42'8.3658"W  | 5642.35           | 144.681         | 0.97          | 0.72                 | 0.65                |          |
| 12680.00                     | 89.850          | 161.700     | 7147.36  | 5510.57        | -4694.02   | 3291.90   | 1724351.96        | 14364044.75        | 39°33'16.9597"N | 80°42'7.9880"W  | 5733.28           | 144.958         | 0.49          | -0.48                | 0.08                |          |
| 12774.00                     | 90.340          | 161.590     | 7147.20  | 5604.57        | -4783.24   | 3321.50   | 1724381.55        | 14363955.57        | 39°33'16.0770"N | 80°42'7.6138"W  | 5823.38           | 145.224         | 0.53          | 0.52                 | -0.12               |          |
| 12868.00                     | 90.120          | 161.560     | 7146.83  | 5698.56        | -4872.42   | 3351.21   | 1724411.25        | 14363866.42        | 39°33'15.1946"N | 80°42'7.2383"W  | 5913.64           | 145.480         | 0.24          | -0.23                | -0.03               |          |
| 12962.00                     | 89.720          | 161.360     | 7146.96  | 5792.56        | -4961.54   | 3381.10   | 1724441.13        | 14363777.34        | 39°33'14.3128"N | 80°42'6.8605"W  | 6004.06           | 145.727         | 0.48          | -0.43                | -0.21               |          |
| 13057.00                     | 89.690          | 161.340     | 7147.45  | 5887.56        | -5051.55   | 3411.48   | 1724471.49        | 14363687.36        | 39°33'13.4222"N | 80°42'6.4765"W  | 6095.60           | 145.968         | 0.04          | -0.03                | -0.02               |          |
| 13151.00                     | 89.820          | 161.240     | 7147.85  | 5981.55        | -5140.58   | 3441.63   | 1724501.64        | 14363598.37        | 39°33'12.5413"N | 80°42'6.0953"W  | 6186.31           | 146.198         | 0.17          | 0.14                 | -0.11               |          |
| 13246.00                     | 90.030          | 161.280     | 7147.97  | 6076.55        | -5230.55   | 3472.15   | 1724532.14        | 14363508.44        | 39°33'11.6512"N | 80°42'5.7095"W  | 6278.09           | 146.423         | 0.23          | 0.22                 | 0.04                |          |





# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |          |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS ["/100ft] | Build Rate ["/100ft] | Turn Rate ["/100ft] | Comments |
| 13340.00                     | 90.220          | 161.540     | 7147.77  | 6170.55        | -5319.64   | 3502.12   | 1724562.10        | 14363419.38        | 39°33'10.7697"N | 80°42'5.3307"W  | 6368.94           | 146.642         | 0.34          | 0.20                 | 0.28                |          |
| 13435.00                     | 89.600          | 161.500     | 7147.92  | 6265.54        | -5409.74   | 3532.23   | 1724592.20        | 14363329.31        | 39°33'9.8782"N  | 80°42'4.9501"W  | 6460.80           | 146.858         | 0.65          | -0.65                | -0.04               |          |
| 13529.00                     | 89.480          | 161.350     | 7148.67  | 6359.54        | -5498.84   | 3562.18   | 1724622.13        | 14363240.25        | 39°33'8.9966"N  | 80°42'4.5716"W  | 6551.82           | 147.065         | 0.20          | -0.13                | -0.16               |          |
| 13623.00                     | 90.120          | 160.630     | 7149.00  | 6453.54        | -5587.71   | 3592.79   | 1724652.74        | 14363151.41        | 39°33'8.1173"N  | 80°42'4.1845"W  | 6643.09           | 147.260         | 1.02          | 0.68                 | -0.77               |          |
| 13718.00                     | 90.150          | 160.170     | 7148.78  | 6548.53        | -5677.21   | 3624.66   | 1724684.59        | 14363061.95        | 39°33'7.2317"N  | 80°42'3.7814"W  | 6735.64           | 147.443         | 0.49          | 0.03                 | -0.48               |          |
| 13812.00                     | 89.940          | 160.720     | 7148.70  | 6642.53        | -5765.79   | 3656.12   | 1724716.04        | 14362973.41        | 39°33'6.3553"N  | 80°42'3.3835"W  | 6827.26           | 147.621         | 0.63          | -0.22                | 0.59                |          |
| 13906.00                     | 89.820          | 160.220     | 7148.90  | 6736.52        | -5854.38   | 3687.55   | 1724747.45        | 14362884.85        | 39°33'5.4787"N  | 80°42'2.9861"W  | 6918.94           | 147.794         | 0.55          | -0.13                | -0.53               |          |
| 14001.00                     | 89.630          | 160.530     | 7149.35  | 6831.52        | -5943.86   | 3719.45   | 1724779.35        | 14362795.41        | 39°33'4.5933"N  | 80°42'2.5826"W  | 7011.69           | 147.963         | 0.38          | -0.20                | 0.33                |          |
| 14095.00                     | 89.630          | 160.110     | 7149.96  | 6925.51        | -6032.36   | 3751.11   | 1724810.99        | 14362706.94        | 39°33'3.7175"N  | 80°42'2.1822"W  | 7103.54           | 148.125         | 0.45          | 0.00                 | -0.45               |          |
| 14189.00                     | 90.000          | 161.380     | 7150.27  | 7019.50        | -6121.10   | 3782.11   | 1724841.98        | 14362618.23        | 39°33'2.8394"N  | 80°42'1.7903"W  | 7195.29           | 148.289         | 1.41          | 0.39                 | 1.35                |          |
| 14284.00                     | 89.720          | 160.340     | 7150.50  | 7114.50        | -6210.85   | 3813.26   | 1724873.11        | 14362528.52        | 39°33'1.9514"N  | 80°42'1.3965"W  | 7288.04           | 148.451         | 1.13          | -0.29                | -1.09               |          |
| 14378.00                     | 89.750          | 160.570     | 7150.93  | 7208.50        | -6299.43   | 3844.70   | 1724904.55        | 14362439.97        | 39°33'1.0749"N  | 80°42'0.9988"W  | 7380.01           | 148.603         | 0.25          | 0.03                 | 0.24                |          |
| 14473.00                     | 89.780          | 160.090     | 7151.32  | 7303.49        | -6388.89   | 3876.68   | 1724936.51        | 14362350.55        | 39°33'0.1897"N  | 80°42'0.5944"W  | 7473.05           | 148.751         | 0.51          | 0.03                 | -0.51               |          |
| 14567.00                     | 89.940          | 160.460     | 7151.55  | 7397.48        | -6477.37   | 3908.41   | 1724968.22        | 14362262.10        | 39°32'59.3142"N | 80°42'0.1932"W  | 7565.18           | 148.893         | 0.43          | 0.17                 | 0.39                |          |
| 14661.00                     | 89.630          | 160.280     | 7151.90  | 7491.48        | -6565.91   | 3939.98   | 1724999.79        | 14362173.60        | 39°32'58.4381"N | 80°41'59.7938"W | 7657.33           | 149.033         | 0.38          | -0.33                | -0.19               |          |
| 14756.00                     | 89.320          | 159.740     | 7152.77  | 7586.46        | -6655.18   | 3972.46   | 1725032.25        | 14362084.36        | 39°32'57.5548"N | 80°41'59.3830"W | 7750.60           | 149.167         | 0.66          | -0.33                | -0.57               |          |
| 14850.00                     | 89.690          | 160.560     | 7153.59  | 7680.44        | -6743.59   | 4004.38   | 1725064.16        | 14361995.99        | 39°32'56.6799"N | 80°41'58.9794"W | 7842.90           | 149.298         | 0.96          | 0.39                 | 0.87                |          |
| 14944.00                     | 89.690          | 160.150     | 7154.10  | 7774.44        | -6832.12   | 4035.98   | 1725095.74        | 14361907.50        | 39°32'55.8040"N | 80°41'58.5797"W | 7935.17           | 149.428         | 0.44          | 0.00                 | -0.44               |          |
| 15038.00                     | 89.570          | 161.870     | 7154.70  | 7868.43        | -6921.00   | 4066.56   | 1725126.32        | 14361818.65        | 39°32'54.9245"N | 80°41'58.1931"W | 8027.28           | 149.563         | 1.83          | -0.13                | 1.83                |          |
| 15133.00                     | 89.230          | 160.230     | 7155.70  | 7963.42        | -7010.84   | 4097.41   | 1725157.15        | 14361728.85        | 39°32'54.0356"N | 80°41'57.8031"W | 8120.39           | 149.696         | 1.76          | -0.36                | -1.73               |          |
| 15227.00                     | 89.690          | 160.680     | 7156.58  | 8057.41        | -7099.42   | 4128.86   | 1725188.59        | 14361640.30        | 39°32'53.1591"N | 80°41'57.4055"W | 8212.75           | 149.819         | 0.68          | 0.49                 | 0.48                |          |
| 15322.00                     | 89.540          | 160.550     | 7157.22  | 8152.41        | -7189.03   | 4160.39   | 1725220.11        | 14361550.72        | 39°32'52.2724"N | 80°41'57.0068"W | 8306.08           | 149.941         | 0.21          | -0.16                | -0.14               |          |
| 15416.00                     | 89.690          | 160.180     | 7157.85  | 8246.40        | -7277.56   | 4191.97   | 1725251.68        | 14361462.23        | 39°32'51.3964"N | 80°41'56.6073"W | 8398.55           | 150.057         | 0.42          | 0.16                 | -0.39               |          |
| 15510.00                     | 89.450          | 160.430     | 7158.56  | 8340.39        | -7366.06   | 4223.65   | 1725283.35        | 14361373.76        | 39°32'50.5207"N | 80°41'56.2067"W | 8491.06           | 150.170         | 0.37          | -0.26                | 0.27                |          |
| 15605.00                     | 89.480          | 160.750     | 7159.45  | 8435.39        | -7455.66   | 4255.22   | 1725314.90        | 14361284.20        | 39°32'49.6341"N | 80°41'55.8076"W | 8584.51           | 150.285         | 0.34          | 0.03                 | 0.34                |          |
| 15699.00                     | 89.230          | 160.150     | 7160.50  | 8529.38        | -7544.23   | 4286.67   | 1725346.34        | 14361195.66        | 39°32'48.7577"N | 80°41'55.4099"W | 8677.04           | 150.395         | 0.69          | -0.27                | -0.64               |          |
| 15794.00                     | 89.750          | 159.800     | 7161.35  | 8624.36        | -7633.49   | 4319.20   | 1725378.86        | 14361106.44        | 39°32'47.8745"N | 80°41'54.9984"W | 8770.73           | 150.498         | 0.66          | 0.55                 | -0.37               |          |
| 15888.00                     | 89.720          | 160.460     | 7161.78  | 8718.34        | -7721.89   | 4351.15   | 1725410.80        | 14361018.08        | 39°32'46.9997"N | 80°41'54.5944"W | 8863.41           | 150.599         | 0.70          | -0.03                | 0.70                |          |
| 15983.00                     | 89.820          | 160.830     | 7162.17  | 8813.34        | -7811.52   | 4382.64   | 1725442.27        | 14360928.48        | 39°32'46.1129"N | 80°41'54.1963"W | 8956.97           | 150.705         | 0.40          | 0.11                 | 0.39                |          |
| 16077.00                     | 89.570          | 161.150     | 7162.67  | 8907.34        | -7900.39   | 4413.26   | 1725472.87        | 14360839.65        | 39°32'45.2335"N | 80°41'53.8093"W | 9049.48           | 150.812         | 0.43          | -0.27                | 0.34                |          |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |          |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS ["/100ft] | Build Rate ["/100ft] | Turn Rate ["/100ft] | Comments |
| 16172.00                     | 89.110          | 159.490     | 7163.76  | 9002.32        | -7989.83   | 4445.25   | 1725504.85        | 14360750.24        | 39°32'44.3485"N | 80°41'53.4047"W | 9143.17           | 150.910         | 1.81          | -0.48                | -1.75               |          |
| 16267.00                     | 89.910          | 161.290     | 7164.57  | 9097.31        | -8079.32   | 4477.13   | 1725536.72        | 14360660.79        | 39°32'43.4631"N | 80°41'53.0016"W | 9236.88           | 151.007         | 2.07          | 0.84                 | 1.89                |          |
| 16361.00                     | 89.290          | 160.590     | 7165.23  | 9191.31        | -8168.16   | 4507.82   | 1725567.40        | 14360571.98        | 39°32'42.5840"N | 80°41'52.6136"W | 9329.48           | 151.107         | 0.99          | -0.66                | -0.74               |          |
| 16456.00                     | 89.540          | 160.780     | 7166.20  | 9286.30        | -8257.81   | 4539.24   | 1725598.81        | 14360482.37        | 39°32'41.6969"N | 80°41'52.2164"W | 9423.17           | 151.203         | 0.33          | 0.26                 | 0.20                |          |
| 16550.00                     | 89.420          | 160.540     | 7167.05  | 9380.30        | -8346.50   | 4570.37   | 1725629.93        | 14360393.71        | 39°32'40.8193"N | 80°41'51.8228"W | 9515.90           | 151.296         | 0.29          | -0.13                | -0.26               |          |
| 16644.00                     | 89.660          | 161.030     | 7167.81  | 9474.29        | -8435.26   | 4601.31   | 1725660.85        | 14360304.99        | 39°32'39.9411"N | 80°41'51.4317"W | 9608.62           | 151.388         | 0.58          | 0.26                 | 0.52                |          |
| 16739.00                     | 89.630          | 161.070     | 7168.40  | 9569.29        | -8525.11   | 4632.16   | 1725691.69        | 14360215.18        | 39°32'39.0520"N | 80°41'51.0418"W | 9702.29           | 151.482         | 0.05          | -0.03                | 0.04                |          |
| 16833.00                     | 89.780          | 160.840     | 7168.88  | 9663.29        | -8613.96   | 4662.83   | 1725722.35        | 14360126.36        | 39°32'38.1729"N | 80°41'50.6541"W | 9795.01           | 151.573         | 0.29          | 0.16                 | -0.24               |          |
| 16927.00                     | 89.110          | 159.660     | 7169.79  | 9757.27        | -8702.43   | 4694.59   | 1725754.10        | 14360037.93        | 39°32'37.2975"N | 80°41'50.2524"W | 9887.94           | 151.655         | 1.44          | -0.71                | -1.26               |          |
| 17021.00                     | 90.090          | 160.880     | 7170.45  | 9851.26        | -8790.90   | 4726.32   | 1725785.82        | 14359949.49        | 39°32'36.4220"N | 80°41'49.8512"W | 9980.89           | 151.736         | 1.66          | 1.04                 | 1.30                |          |
| 17115.00                     | 89.660          | 161.330     | 7170.65  | 9945.26        | -8879.84   | 4756.76   | 1725816.25        | 14359860.59        | 39°32'35.5420"N | 80°41'49.4665"W | 10073.64          | 151.823         | 0.66          | -0.46                | 0.48                |          |
| 17209.00                     | 89.260          | 160.680     | 7171.54  | 10039.26       | -8968.71   | 4787.36   | 1725846.83        | 14359771.75        | 39°32'34.6626"N | 80°41'49.0798"W | 10166.45          | 151.907         | 0.81          | -0.43                | -0.69               |          |
| 17304.00                     | 89.380          | 160.530     | 7172.66  | 10134.25       | -9058.32   | 4818.90   | 1725878.36        | 14359682.18        | 39°32'33.7760"N | 80°41'48.6809"W | 10260.36          | 151.988         | 0.20          | 0.13                 | -0.16               |          |
| 17398.00                     | 89.540          | 160.730     | 7173.55  | 10228.24       | -9146.99   | 4850.08   | 1725909.52        | 14359593.54        | 39°32'32.8986"N | 80°41'48.2868"W | 10353.29          | 152.066         | 0.27          | 0.17                 | 0.21                |          |
| 17493.00                     | 89.910          | 160.830     | 7174.01  | 10323.24       | -9236.70   | 4881.35   | 1725940.78        | 14359503.87        | 39°32'32.0110"N | 80°41'47.8915"W | 10447.21          | 152.145         | 0.40          | 0.39                 | 0.11                |          |
| 17588.00                     | 89.570          | 161.520     | 7174.44  | 10418.24       | -9326.61   | 4912.00   | 1725971.43        | 14359413.99        | 39°32'31.1213"N | 80°41'47.5041"W | 10541.04          | 152.226         | 0.81          | -0.36                | 0.73                |          |
| 17682.00                     | 89.690          | 161.170     | 7175.04  | 10512.23       | -9415.67   | 4942.07   | 1726001.48        | 14359324.96        | 39°32'30.2401"N | 80°41'47.1241"W | 10633.86          | 152.306         | 0.39          | 0.13                 | -0.37               |          |
| 17777.00                     | 89.480          | 160.550     | 7175.73  | 10607.23       | -9505.42   | 4973.22   | 1726032.62        | 14359235.25        | 39°32'29.3521"N | 80°41'46.7304"W | 10727.81          | 152.382         | 0.69          | -0.22                | -0.65               |          |
| 17871.00                     | 89.170          | 160.350     | 7176.84  | 10701.22       | -9593.99   | 5004.67   | 1726064.06        | 14359146.71        | 39°32'28.4756"N | 80°41'46.3328"W | 10820.88          | 152.451         | 0.39          | -0.33                | -0.21               |          |
| 17965.00                     | 88.890          | 160.980     | 7178.43  | 10795.20       | -9682.68   | 5035.79   | 1726095.16        | 14359058.06        | 39°32'27.5981"N | 80°41'45.9394"W | 10913.91          | 152.522         | 0.73          | -0.30                | 0.67                |          |
| 18060.00                     | 89.050          | 160.780     | 7180.14  | 10890.19       | -9772.42   | 5066.90   | 1726126.26        | 14358968.35        | 39°32'26.7101"N | 80°41'45.5461"W | 11007.89          | 152.594         | 0.27          | 0.17                 | -0.21               |          |
| 18154.00                     | 89.970          | 160.590     | 7180.94  | 10984.18       | -9861.13   | 5097.99   | 1726157.34        | 14358879.68        | 39°32'25.8324"N | 80°41'45.1531"W | 11100.96          | 152.662         | 1.00          | 0.98                 | -0.20               |          |
| 18248.00                     | 89.600          | 160.480     | 7181.30  | 11078.18       | -9949.75   | 5129.32   | 1726188.65        | 14358791.09        | 39°32'24.9554"N | 80°41'44.7571"W | 11194.08          | 152.728         | 0.41          | -0.39                | -0.12               |          |
| 18342.00                     | 89.630          | 160.570     | 7181.93  | 11172.17       | -10038.37  | 5160.65   | 1726219.98        | 14358702.51        | 39°32'24.0785"N | 80°41'44.3610"W | 11287.22          | 152.793         | 0.10          | 0.03                 | 0.10                |          |
| 18437.00                     | 89.320          | 159.890     | 7182.80  | 11267.16       | -10127.77  | 5192.79   | 1726252.10        | 14358613.15        | 39°32'23.1939"N | 80°41'43.9547"W | 11381.42          | 152.855         | 0.79          | -0.33                | -0.72               |          |
| 18532.00                     | 90.000          | 161.040     | 7183.36  | 11362.15       | -10217.30  | 5224.55   | 1726283.85        | 14358523.65        | 39°32'22.3080"N | 80°41'43.5531"W | 11475.59          | 152.917         | 1.41          | 0.72                 | 1.21                |          |
| 18627.00                     | 89.720          | 161.270     | 7183.59  | 11457.15       | -10307.20  | 5255.24   | 1726314.52        | 14358433.78        | 39°32'21.4184"N | 80°41'43.1653"W | 11569.61          | 152.985         | 0.38          | -0.29                | 0.24                |          |
| 18722.00                     | 89.880          | 161.000     | 7183.93  | 11552.15       | -10397.10  | 5285.95   | 1726345.23        | 14358343.92        | 39°32'20.5289"N | 80°41'42.7772"W | 11663.66          | 153.051         | 0.33          | 0.17                 | -0.28               |          |
| 18816.00                     | 89.540          | 160.970     | 7184.40  | 11646.15       | -10485.97  | 5316.58   | 1726375.84        | 14358255.09        | 39°32'19.6496"N | 80°41'42.3901"W | 11756.77          | 153.114         | 0.36          | -0.36                | -0.03               |          |
| 18910.00                     | 89.420          | 160.140     | 7185.25  | 11740.14       | -10574.60  | 5347.87   | 1726407.12        | 14358166.49        | 39°32'18.7725"N | 80°41'41.9945"W | 11849.98          | 153.173         | 0.89          | -0.13                | -0.88               |          |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |          |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS ["/100ft] | Build Rate ["/100ft] | Turn Rate ["/100ft] | Comments |
| 19004.00                     | 89.630          | 160.310     | 7186.03  | 11834.13       | -10663.06  | 5379.67   | 1726438.91        | 14358078.07        | 39°32'17.8973"N | 80°41'41.5924"W | 11943.27          | 153.228         | 0.29          | 0.22                 | 0.18                |          |
| 19098.00                     | 89.750          | 160.910     | 7186.54  | 11928.13       | -10751.72  | 5410.88   | 1726470.10        | 14357989.44        | 39°32'17.0199"N | 80°41'41.1980"W | 12036.49          | 153.286         | 0.65          | 0.13                 | 0.64                |          |
| 19193.00                     | 89.420          | 160.570     | 7187.23  | 12023.12       | -10841.40  | 5442.21   | 1726501.43        | 14357899.79        | 39°32'16.1325"N | 80°41'40.8019"W | 12130.69          | 153.344         | 0.50          | -0.35                | -0.36               |          |
| 19286.00                     | 89.420          | 160.760     | 7188.17  | 12116.12       | -10929.15  | 5473.00   | 1726532.21        | 14357812.08        | 39°32'15.2642"N | 80°41'40.4127"W | 12222.94          | 153.400         | 0.20          | 0.00                 | 0.20                |          |
| 19381.00                     | 90.400          | 160.290     | 7188.32  | 12211.11       | -11018.72  | 5504.68   | 1726563.86        | 14357722.55        | 39°32'14.3780"N | 80°41'40.0123"W | 12317.21          | 153.454         | 1.14          | 1.03                 | -0.49               |          |
| 19475.00                     | 89.750          | 159.980     | 7188.20  | 12305.10       | -11107.12  | 5536.62   | 1726595.79        | 14357634.18        | 39°32'13.5032"N | 80°41'39.6085"W | 12410.57          | 153.505         | 0.77          | -0.69                | -0.33               |          |
| 19570.00                     | 89.690          | 161.220     | 7188.66  | 12400.10       | -11196.73  | 5568.17   | 1726627.34        | 14357544.61        | 39°32'12.6166"N | 80°41'39.2096"W | 12504.85          | 153.559         | 1.31          | -0.06                | 1.31                |          |
| 19664.00                     | 89.690          | 160.900     | 7189.17  | 12494.10       | -11285.64  | 5598.68   | 1726657.83        | 14357455.74        | 39°32'11.7368"N | 80°41'38.8241"W | 12598.05          | 153.614         | 0.34          | 0.00                 | -0.34               |          |
| 19853.00                     | 89.910          | 161.320     | 7189.83  | 12683.09       | -11464.46  | 5659.87   | 1726719.00        | 14357276.99        | 39°32'9.9675"N  | 80°41'38.0509"W | 12785.46          | 153.725         | 0.25          | 0.12                 | 0.22                |          |
| 19947.00                     | 89.820          | 160.550     | 7190.05  | 12777.09       | -11553.30  | 5690.57   | 1726749.69        | 14357188.18        | 39°32'9.0884"N  | 80°41'37.6628"W | 12878.72          | 153.777         | 0.82          | -0.10                | -0.82               |          |
| 20042.00                     | 90.030          | 160.870     | 7190.18  | 12872.09       | -11642.96  | 5721.96   | 1726781.06        | 14357098.55        | 39°32'8.2011"N  | 80°41'37.2662"W | 12973.03          | 153.828         | 0.40          | 0.22                 | 0.34                |          |
| 20137.00                     | 89.570          | 160.280     | 7190.51  | 12967.09       | -11732.56  | 5753.55   | 1726812.64        | 14357008.99        | 39°32'7.3146"N  | 80°41'36.8668"W | 13067.37          | 153.877         | 0.79          | -0.48                | -0.62               |          |
| 20231.00                     | 89.850          | 160.260     | 7190.98  | 13061.08       | -11821.04  | 5785.28   | 1726844.36        | 14356920.55        | 39°32'6.4391"N  | 80°41'36.4657"W | 13160.79          | 153.923         | 0.30          | 0.30                 | -0.02               |          |
| 20326.00                     | 89.510          | 160.960     | 7191.51  | 13156.08       | -11910.65  | 5816.82   | 1726875.89        | 14356830.97        | 39°32'5.5524"N  | 80°41'36.0670"W | 13255.15          | 153.970         | 0.82          | -0.36                | 0.74                |          |
| 20420.00                     | 89.940          | 160.810     | 7191.97  | 13250.07       | -11999.46  | 5847.60   | 1726906.66        | 14356742.19        | 39°32'4.6736"N  | 80°41'35.6780"W | 13348.47          | 154.019         | 0.48          | 0.46                 | -0.16               |          |
| 20515.00                     | 90.120          | 161.010     | 7191.92  | 13345.07       | -12089.24  | 5878.67   | 1726937.72        | 14356652.45        | 39°32'3.7852"N  | 80°41'35.2854"W | 13442.79          | 154.068         | 0.28          | 0.19                 | 0.21                |          |
| 20609.00                     | 89.750          | 160.890     | 7192.02  | 13439.07       | -12178.09  | 5909.36   | 1726968.38        | 14356563.64        | 39°32'2.9061"N  | 80°41'34.8977"W | 13536.11          | 154.115         | 0.41          | -0.39                | -0.13               |          |
| 20704.00                     | 89.850          | 160.650     | 7192.35  | 13534.07       | -12267.79  | 5940.64   | 1726999.66        | 14356473.97        | 39°32'2.0185"N  | 80°41'34.5023"W | 13630.48          | 154.162         | 0.27          | 0.11                 | -0.25               |          |
| 20798.00                     | 89.780          | 160.640     | 7192.66  | 13628.07       | -12356.47  | 5971.80   | 1727030.80        | 14356385.32        | 39°32'1.1409"N  | 80°41'34.1085"W | 13723.88          | 154.206         | 0.08          | -0.07                | -0.01               |          |
| 20892.00                     | 89.780          | 160.940     | 7193.02  | 13722.07       | -12445.24  | 6002.73   | 1727061.72        | 14356296.59        | 39°32'0.2626"N  | 80°41'33.7176"W | 13817.26          | 154.251         | 0.32          | 0.00                 | 0.32                |          |
| 20987.00                     | 89.850          | 161.100     | 7193.33  | 13817.07       | -12535.07  | 6033.62   | 1727092.60        | 14356206.79        | 39°31'59.3737"N | 80°41'33.3272"W | 13911.60          | 154.297         | 0.18          | 0.07                 | 0.17                |          |
| 21082.00                     | 89.350          | 160.480     | 7193.99  | 13912.06       | -12624.78  | 6064.88   | 1727123.85        | 14356117.12        | 39°31'58.4860"N | 80°41'32.9322"W | 14006.00          | 154.341         | 0.84          | -0.53                | -0.65               |          |
| 21176.00                     | 89.200          | 160.440     | 7195.18  | 14006.05       | -12713.36  | 6096.32   | 1727155.27        | 14356028.57        | 39°31'57.6095"N | 80°41'32.5349"W | 14099.46          | 154.381         | 0.17          | -0.16                | -0.04               |          |
| 21270.00                     | 89.720          | 160.520     | 7196.06  | 14100.04       | -12801.95  | 6127.73   | 1727186.67        | 14355940.02        | 39°31'56.7329"N | 80°41'32.1379"W | 14192.92          | 154.422         | 0.56          | 0.55                 | 0.09                |          |
| 21365.00                     | 89.540          | 160.840     | 7196.68  | 14195.04       | -12891.60  | 6159.16   | 1727218.09        | 14355850.40        | 39°31'55.8458"N | 80°41'31.7407"W | 14287.36          | 154.463         | 0.39          | -0.19                | 0.34                |          |
| 21459.00                     | 89.820          | 160.760     | 7197.20  | 14289.04       | -12980.37  | 6190.07   | 1727248.99        | 14355761.67        | 39°31'54.9674"N | 80°41'31.3500"W | 14380.79          | 154.505         | 0.31          | 0.30                 | -0.09               |          |
| 21553.00                     | 89.320          | 159.890     | 7197.91  | 14383.03       | -13068.88  | 6221.72   | 1727280.62        | 14355673.20        | 39°31'54.0916"N | 80°41'30.9500"W | 14474.30          | 154.542         | 1.07          | -0.53                | -0.93               |          |
| 21648.00                     | 89.350          | 159.940     | 7199.01  | 14478.01       | -13158.10  | 6254.34   | 1727313.23        | 14355584.01        | 39°31'53.2088"N | 80°41'30.5376"W | 14568.88          | 154.577         | 0.06          | 0.03                 | 0.05                |          |
| 21742.00                     | 89.910          | 160.660     | 7199.62  | 14572.00       | -13246.59  | 6286.02   | 1727344.90        | 14355495.55        | 39°31'52.3331"N | 80°41'30.1370"W | 14662.41          | 154.614         | 0.97          | 0.60                 | 0.77                |          |
| 21837.00                     | 90.310          | 162.240     | 7199.43  | 14666.99       | -13336.65  | 6316.24   | 1727375.11        | 14355405.53        | 39°31'51.4419"N | 80°41'29.7553"W | 14756.74          | 154.658         | 1.72          | 0.42                 | 1.66                |          |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH DATA (258 stations) † = interpolated, ‡ = extrapolated station |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |                            |
|---|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------------------------|
| MD [ft]   | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS ["/100ft] | Build Rate ["/100ft] | Turn Rate ["/100ft] | Comments                   |
| 21931.00  | 89.480          | 161.660     | 7199.61  | 14760.98       | -13426.03  | 6345.37   | 1727404.23        | 14355316.19        | 39°31'50.5577"N | 80°41'29.3875"W | 14849.98          | 154.704         | 1.08          | -0.88                | -0.62               |                            |
| 22026.00  | 89.660          | 161.100     | 7200.32  | 14855.97       | -13516.05  | 6375.70   | 1727434.55        | 14355226.20        | 39°31'49.6669"N | 80°41'29.0043"W | 14944.34          | 154.746         | 0.62          | 0.19                 | -0.59               |                            |
| 22120.00  | 89.570          | 161.310     | 7200.95  | 14949.97       | -13605.04  | 6405.99   | 1727464.82        | 14355137.25        | 39°31'48.7864"N | 80°41'28.6217"W | 15037.74          | 154.786         | 0.24          | -0.10                | 0.22                |                            |
| 22215.00  | 90.060          | 161.860     | 7201.26  | 15044.96       | -13695.17  | 6436.00   | 1727494.82        | 14355047.15        | 39°31'47.8946"N | 80°41'28.2427"W | 15132.08          | 154.829         | 0.78          | 0.52                 | 0.58                |                            |
| 22309.00  | 89.820          | 162.010     | 7201.36  | 15138.95       | -13784.54  | 6465.14   | 1727523.95        | 14354957.82        | 39°31'47.0104"N | 80°41'27.8746"W | 15225.36          | 154.873         | 0.30          | -0.26                | 0.16                |                            |
| 22403.00  | 89.750          | 161.520     | 7201.71  | 15232.94       | -13873.82  | 6494.56   | 1727553.36        | 14354868.58        | 39°31'46.1270"N | 80°41'27.5031"W | 15318.68          | 154.915         | 0.53          | -0.07                | -0.52               |                            |
| 22498.00  | 89.880          | 161.880     | 7202.02  | 15327.93       | -13964.01  | 6524.39   | 1727583.17        | 14354778.42        | 39°31'45.2346"N | 80°41'27.1264"W | 15413.02          | 154.957         | 0.40          | 0.14                 | 0.38                |                            |
| 22592.00  | 89.780          | 161.990     | 7202.30  | 15421.92       | -14053.38  | 6553.54   | 1727612.31        | 14354689.09        | 39°31'44.3504"N | 80°41'26.7583"W | 15506.33          | 154.999         | 0.16          | -0.11                | 0.12                |                            |
| 22686.00  | 89.630          | 161.780     | 7202.78  | 15515.90       | -14142.72  | 6582.76   | 1727641.53        | 14354599.78        | 39°31'43.4664"N | 80°41'26.3892"W | 15599.65          | 155.040         | 0.27          | -0.16                | -0.22               |                            |
| 22781.00  | 90.000          | 162.020     | 7203.09  | 15610.89       | -14233.01  | 6612.28   | 1727671.03        | 14354509.52        | 39°31'42.5730"N | 80°41'26.0165"W | 15693.98          | 155.082         | 0.46          | 0.39                 | 0.25                |                            |
| 22875.00  | 89.940          | 161.630     | 7203.14  | 15704.88       | -14322.32  | 6641.60   | 1727700.34        | 14354420.25        | 39°31'41.6893"N | 80°41'25.6463"W | 15787.33          | 155.122         | 0.42          | -0.06                | -0.41               |                            |
| 22970.00  | 89.660          | 161.770     | 7203.47  | 15799.87       | -14412.52  | 6671.43   | 1727730.15        | 14354330.09        | 39°31'40.7969"N | 80°41'25.2696"W | 15881.71          | 155.161         | 0.33          | -0.29                | 0.15                |                            |
| 23064.00  | 89.970          | 161.660     | 7203.77  | 15893.86       | -14501.77  | 6700.92   | 1727759.63        | 14354240.87        | 39°31'39.9138"N | 80°41'24.8971"W | 15975.10          | 155.199         | 0.35          | 0.33                 | -0.12               |                            |
| 23158.00  | 89.910          | 161.480     | 7203.87  | 15987.86       | -14590.95  | 6730.64   | 1727789.34        | 14354151.73        | 39°31'39.0314"N | 80°41'24.5218"W | 16068.52          | 155.237         | 0.20          | -0.06                | -0.19               |                            |
| 23253.00  | 89.750          | 161.760     | 7204.15  | 16082.85       | -14681.10  | 6760.59   | 1727819.28        | 14354061.61        | 39°31'38.1393"N | 80°41'24.1435"W | 16162.93          | 155.274         | 0.34          | -0.17                | 0.29                |                            |
| 23347.00  | 89.750          | 161.780     | 7204.56  | 16176.84       | -14770.39  | 6790.00   | 1727848.68        | 14353972.36        | 39°31'37.2560"N | 80°41'23.7721"W | 16256.33          | 155.312         | 0.02          | 0.00                 | 0.02                |                            |
| 23392.00  | 90.060          | 161.980     | 7204.64  | 16221.84       | -14813.15  | 6803.99   | 1727862.67        | 14353929.61        | 39°31'36.8328"N | 80°41'23.5954"W | 16301.04          | 155.330         | 0.82          | 0.69                 | 0.44                |                            |
| 23417.00‡   | 90.060          | 161.980     | 7204.61  | 16246.83       | -14836.93  | 6811.73   | 1727870.40        | 14353905.85        | 39°31'36.5976"N | 80°41'23.4977"W | 16325.87          | 155.340         | 0.00          | 0.00                 | 0.00                | Projected MD at TD: 23417' |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| HOLE & CASING SECTIONS - Ref Wellbore: Gunto Unit 1H AWB Ref Wellpath: Gunto Unit 1H AWP Proj: 23417' |               |             |               |                |              |                |                |              |              |
|---|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| String/Diameter   | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
| 20in Conductor  | 30.00         | 130.00      | 100.00        | 30.00          | 130.00       | 0.00           | 0.00           | -0.11        | 0.11         |
| 17.5in Open Hole  | 130.00        | 735.00      | 605.00        | 130.00         | 734.99       | -0.11          | 0.11           | -1.00        | 2.11         |
| 13.375in Casing Surface   | 30.00         | 723.00      | 693.00        | 30.00          | 722.99       | 0.00           | 0.00           | -1.05        | 1.84         |
| 12.25in Open Hole   | 735.00        | 3611.00     | 2876.00       | 734.99         | 3522.39      | -1.00          | 2.11           | 283.06       | 613.31       |
| 9.625in Casing Intermediate   | 30.00         | 3581.00     | 3551.00       | 30.00          | 3493.49      | 0.00           | 0.00           | 279.71       | 605.99       |
| 8.75in Open Hole  | 3611.00       | 6872.00     | 3261.00       | 3522.39        | 6652.94      | 283.06         | 613.31         | 578.70       | 1441.49      |
| 8.5in Open Hole   | 6872.00       | 23417.00    | 16545.00      | 6652.94        | 7204.61      | 578.70         | 1441.49        | -14836.93    | 6811.73      |
| 5.5in Casing Production   | 30.00         | 23397.00    | 23367.00      | 30.00          | 7204.63      | 0.00           | 0.00           | -14817.91    | 6805.54      |

| TARGETS                         |          |            |           |                   |                    |                 |                 |           |
|---------------------------------|----------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-----------|
| Name                            | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Shape     |
| Gunto Unit 1H POE Rev-2         | 7106.00  | 167.00     | 1640.36   | 1722701.07        | 14368903.85        | 39°34'5.0556"N  | 80°42'28.8713"W | point     |
| Gunto Unit 1H LP Rev-2          | 7134.00  | -18.13     | 1704.16   | 1722764.85        | 14368718.79        | 39°34'3.2239"N  | 80°42'28.0642"W | point     |
| Gunto Unit 1H BHL Rev-2         | 7188.76  | -14849.03  | 6815.78   | 1727874.45        | 14353893.75        | 39°31'36.4778"N | 80°41'23.4466"W | point     |
| Gunto Unit 1H 50' L/R Hard Line | 7500.00  | -7341.02   | 4228.07   | 1725287.76        | 14361398.80        | 39°32'50.7681"N | 80°41'56.1493"W | rectangle |
| 2D Rectangle 15882.9 x 100.     |          |            |           |                   |                    |                 |                 |           |

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# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'

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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| WELLPATH COMPOSITION - Ref Wellbore: Gunto Unit 1H AWB Ref Wellpath: Gunto Unit 1H AWP Proj: 23417' |             |  |   |                   |             |
|---|-------------|--|---|-------------------|-------------|
| Start MD [ft]   | End MD [ft] | Positional Uncertainty Model                           | Log Name/Comment                              | Wellbore          | Survey Date |
| 30.00   | 614.00      | Gyrodata 2015 - GC+WIR+DPIPE                           | 01_Gyrodata MS Gyro <17-1/2"> (100'-614')     | Gunto Unit 1H AWB | 12/9/2023   |
| 614.00  | 3540.00     | BH NaviTrak (2019) (Axial Corr+HRGM)                   | 02_APS EM <12-1/4"> (614')(771'-3540')        | Gunto Unit 1H AWB | 12/9/2023   |
| 3540.00   | 6803.00     | BH NaviTrak (2019) (Axial Corr+HRGM)                   | 03_APS EM <8-3/4"> (3540')(3589'-6803')       | Gunto Unit 1H AWB | 12/22/2023  |
| 6803.00   | 23417.00    | BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing) | 04_BH AT Curve <8-1/2"> (6803')(6830'-23392') | Gunto Unit 1H AWB | 12/22/2023  |





# Actual Wellpath Report

Gunto Unit 1H AWP Proj: 23417'  
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| REFERENCE WELLPATH IDENTIFICATION |                              |          |                   |
|-----------------------------------|------------------------------|----------|-------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Gunto Unit 1H     |
| Field                             | Wetzel                       | API      | 47-103-03616-0000 |
| Facility                          | Cedar Pad                    | Wellbore | Gunto Unit 1H AWB |
| Slot                              | Slot E                       |          |                   |

| COMMENTS  |
|---|
| <p><b>Wellpath general comments</b><br/>API: 47-103-03616-0000<br/>BH Job #: 112047850<br/>Rig: H&amp;P 519<br/>Duration: 12/24/2023-12/29/2023<br/>Gyrodatta MS Gyro &lt;17-1/2"&gt; (100'-614')<br/>APS EM &lt;12-1/4"&gt; (614')(771'-3540')<br/>APS EM &lt;8-3/4"&gt; (3540')(3589'-6803')<br/>BH AT Curve &lt;8-1/2"&gt; (6803')(6830'-23392')<br/>Sycamore: 6994' MD<br/>Middlesex: 7153' MD<br/>Burkett: 7298' MD<br/>Tully: 7351' MD<br/>Marcellus POE: 7561' MD<br/>Projected MD at TD: 23417'</p> |

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