



# ANTERO RESOURCES CORPORATION



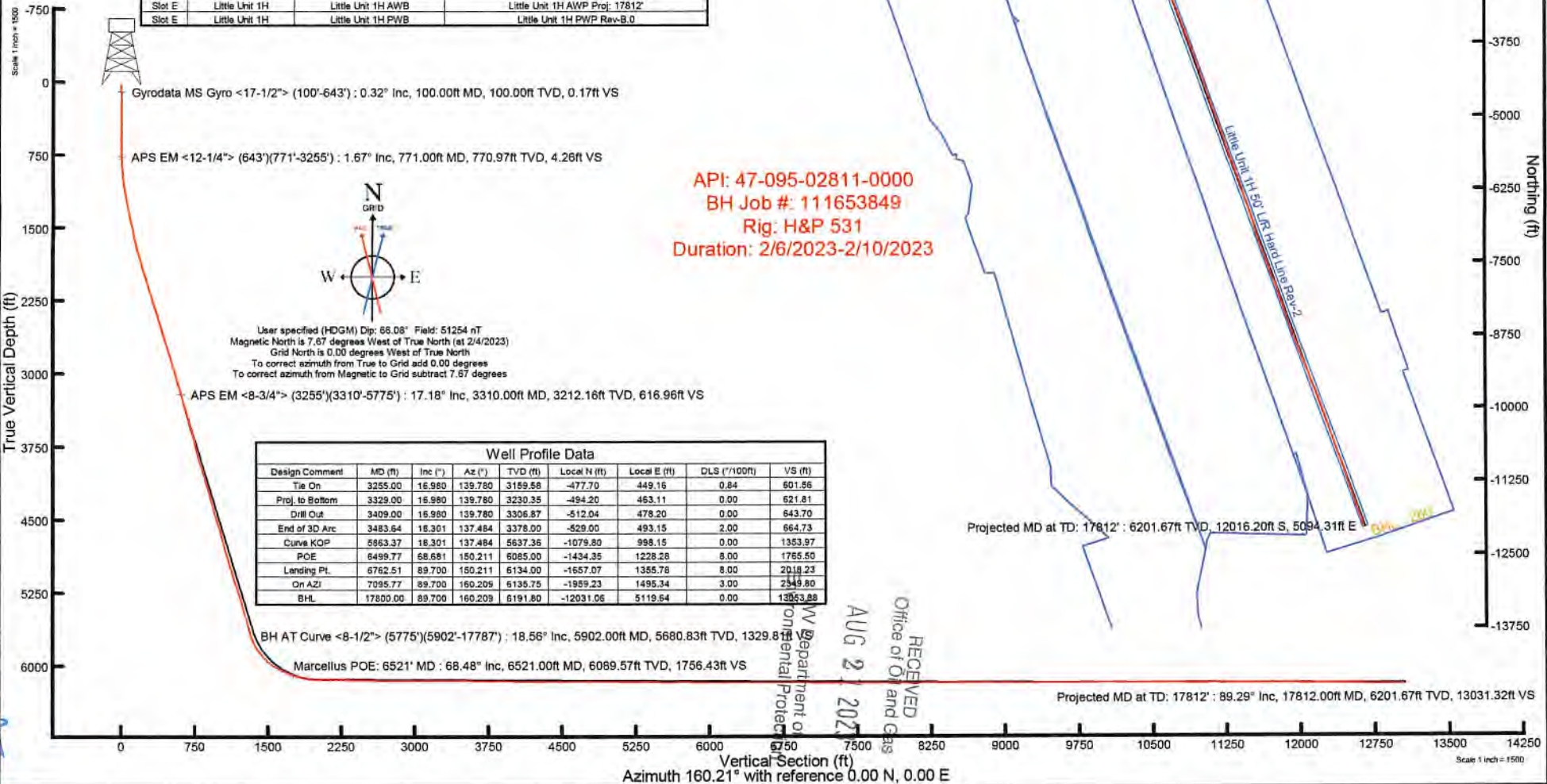
Location: Tyler County, WV  
Field: Tyler  
Facility: Wrigley Pad

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

|   |   |
|---|---|
| Post reference wellpath is Little Unit 1H PWP Rev-B.0               | Grid System: NAD27 / UTM Zone 17 North, US feet                 |
| True vertical depths are referenced to H&P 531 (RKB)                | North Reference: Grid path                                      |
| Reference wellpath measured depths are referenced to H&P 531 (RKB)  | Scale: True distance  |
| H&P 531 (RKB) to Mean Sea Level (MSL) feet                          | Coordinates are in feet referenced to Grid                      |
| Mean Sea Level to Ground level (At Slot: Slot E) feet               | Depths are in feet  |
| Offset wellbore MDs are referenced to slot path's default MD return | Created by: wsbjw on 2023-03-12, Database: WA_MPL_EASTERNUS_001 |

| Location Information                             |                   |                    |                    |                   |
|--|-------------------|--------------------|--------------------|-------------------|
| Facility Name                                    | Grid East (US ft) | Grid North (US ft) | Latitude           | Longitude         |
| Wrigley Pad                                      | 163620.430        | 14315291.560       | 39°25'10.2920"N    | 81°00'25.6070"W   |
| Slot   | Local N (ft)      | Local E (ft)       | Grid North (US ft) | Grid East (US ft) |
| Slot E   | -18.93            | 58.90              | 1636386.310        | 14315272.640      |
|  |                   |                    | 39°25'16.1050"N    | 81°00'25.8819"W   |
| Comment  |                   |                    |                    |                   |
| Little Unit 1H                                   |                   |                    |                    |                   |
| H&P 531 (RKB) to Ground level (At Slot: Slot E)  |                   |                    |                    |                   |
| 30ft   |                   |                    |                    |                   |
| Mean Sea Level to Ground level (At Slot: Slot E) |                   |                    |                    |                   |
| -93ft  |                   |                    |                    |                   |
| H&P 531 (RKB) to Mean Sea Level                  |                   |                    |                    |                   |
| 96ft   |                   |                    |                    |                   |

| Well Data |                |                    |                                 |
|-----------|----------------|--------------------|---------------------------------|
| Slot      | Well           | Wellbore           | Wellpath                        |
| Slot E    | Little Unit 1H | Little Unit 1H AWB | Little Unit 1H AWP Proj: 17812' |
| Slot E    | Little Unit 1H | Little Unit 1H PWB | Little Unit 1H PWP Rev-B.0      |



API: 47-095-02811-0000  
BH Job #: 111653849  
Rig: H&P 531  
Duration: 2/6/2023-2/10/2023

User specified (HDGM) Dip: 66.08° Field: 51254 nT  
Magnetic North is 7.67 degrees West of True North (at 2/4/2023)  
Grid North is 0.00 degrees West of True North  
To correct azimuth from True to Grid add 0.00 degrees  
To correct azimuth from Magnetic to Grid subtract 7.67 degrees

| Well Profile Data |          |         |         |          |              |              |         |
|-------------------|----------|---------|---------|----------|--------------|--------------|---------|
| Design Comment    | MD (ft)  | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | VS (ft) |
| Tie On            | 3255.00  | 16.980  | 139.780 | 3159.58  | -477.70      | 449.16       | 0.84    |
| Proj. to Bottom   | 3329.00  | 16.980  | 139.780 | 3230.35  | -494.20      | 463.11       | 0.00    |
| Drill Out         | 3409.00  | 16.980  | 139.780 | 3306.87  | -512.04      | 478.20       | 0.00    |
| End of 3D Arc     | 3483.64  | 16.301  | 137.484 | 3378.00  | -529.00      | 493.15       | 2.00    |
| Curve KOP         | 3563.37  | 18.301  | 137.484 | 3537.36  | -1079.80     | 998.15       | 0.00    |
| POE               | 3499.77  | 68.681  | 150.211 | 6085.00  | -1434.35     | 1228.28      | 8.00    |
| Landing Pt.       | 3762.51  | 89.700  | 150.211 | 6134.00  | -1657.07     | 1355.78      | 8.00    |
| On AZI            | 7095.77  | 89.700  | 160.209 | 6136.75  | -1989.23     | 1495.34      | 3.00    |
| BHL               | 17800.00 | 89.700  | 160.209 | 6191.80  | -12031.06    | 5119.64      | 0.00    |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 1 of 11



### REFERENCE WELLPATH IDENTIFICATION

|          |                              |          |                    |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field    | Tyler                        | API      | 47-095-02811-0000  |
| Facility | Wrigley Pad                  | Wellbore | Little 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               | 0.999600                           | Report Generated | 3/13/2023 at 9:00:39 PM |
| Convergence at slot | 0.00°                              | 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         | -18.93            | 56.90    | 1638386.31       | 14315272.64     | 39°25'16.1050"N        | 81°00'25.8819"W |
| Facility Reference Pt |                   |          | 1638329.43       | 14315291.56     | 39°25'16.2920"N        | 81°00'26.6070"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 531 (RKB) to Facility Vertical Datum       | 967.00ft          |
| Horizontal Reference Pt  | Slot              | H&P 531 (RKB) to Mean Sea Level                | 967.00ft          |
| Vertical Reference Pt    | H&P 531 (RKB)     | H&P 531 (RKB) to Ground Level at Slot (Slot E) | 30.00ft           |
| MD Reference Pt          | H&P 531 (RKB)     | Section Origin                                 | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level    | Section Azimuth                                | 160.21°           |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 2 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |          |                    |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field                             | Tyler                        | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |          |                    |

| WELLPATH DATA (197 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           | 188.050     | 0.00     | 0.00           | 0.00       | 0.00      | 1638386.31        | 14315272.64        | 39°25'16.1050"N | 81°00'25.8819"W | 0.00              | 0.000           | 0.00          | 0.00                 | 0.00                |  |
| 30.00   | 0.000           | 188.050     | 30.00    | 0.00           | 0.00       | 0.00      | 1638386.31        | 14315272.64        | 39°25'16.1050"N | 81°00'25.8819"W | 0.00              | 0.000           | 0.00          | 0.00                 | 0.00                |  |
| 100.00  | 0.320           | 188.050     | 100.00   | 0.17           | -0.19      | -0.03     | 1638386.28        | 14315272.45        | 39°25'16.1031"N | 81°00'25.8823"W | 0.20              | 188.050         | 0.46          | 0.46                 | 0.00                | Gyrodata MS Gyro <17-1/2"> (100'-643') |
| 200.00  | 0.090           | 166.390     | 200.00   | 0.50           | -0.55      | -0.05     | 1638386.26        | 14315272.09        | 39°25'16.0996"N | 81°00'25.8826"W | 0.55              | 185.020         | 0.24          | -0.23                | -21.66              |  |
| 300.00  | 0.060           | 97.370      | 300.00   | 0.60           | -0.63      | 0.02      | 1638386.33        | 14315272.01        | 39°25'16.0988"N | 81°00'25.8817"W | 0.63              | 177.961         | 0.09          | -0.09                | -69.02              |  |
| 400.00  | 0.230           | 123.530     | 400.00   | 0.78           | -0.75      | 0.24      | 1638386.55        | 14315271.89        | 39°25'16.0976"N | 81°00'25.8789"W | 0.79              | 162.074         | 0.18          | 0.17                 | 26.16               |  |
| 500.00  | 0.260           | 121.370     | 500.00   | 1.12           | -0.98      | 0.60      | 1638386.91        | 14315271.66        | 39°25'16.0954"N | 81°00'25.8743"W | 1.15              | 148.304         | 0.03          | 0.03                 | -2.16               |  |
| 600.00  | 0.380           | 142.560     | 600.00   | 1.62           | -1.36      | 1.00      | 1638387.31        | 14315271.28        | 39°25'16.0916"N | 81°00'25.8692"W | 1.68              | 143.675         | 0.17          | 0.12                 | 21.19               |  |
| 643.00  | 0.520           | 151.200     | 642.99   | 1.94           | -1.64      | 1.18      | 1638387.49        | 14315271.00        | 39°25'16.0888"N | 81°00'25.8669"W | 2.02              | 144.321         | 0.36          | 0.33                 | 20.09               |  |
| 771.00  | 1.670           | 139.230     | 770.97   | 4.26           | -3.56      | 2.68      | 1638388.99        | 14315269.08        | 39°25'16.0698"N | 81°00'25.8478"W | 4.46              | 143.087         | 0.91          | 0.90                 | -9.35               | APS EM <12-1/4"> (643')(771'-3255')    |
| 860.00  | 3.790           | 139.320     | 859.86   | 8.22           | -6.78      | 5.44      | 1638391.75        | 14315265.87        | 39°25'16.0380"N | 81°00'25.8126"W | 8.69              | 141.237         | 2.38          | 2.38                 | 0.10                |  |
| 950.00  | 5.930           | 140.130     | 949.53   | 15.36          | -12.60     | 10.36     | 1638396.67        | 14315260.04        | 39°25'15.9805"N | 81°00'25.7499"W | 16.31             | 140.572         | 2.38          | 2.38                 | 0.90                |  |
| 1040.00   | 7.600           | 138.560     | 1038.90  | 25.26          | -20.63     | 17.28     | 1638403.58        | 14315252.02        | 39°25'15.9011"N | 81°00'25.6617"W | 26.91             | 140.051         | 1.87          | 1.86                 | -1.74               |  |
| 1134.00   | 9.510           | 137.320     | 1131.85  | 38.20          | -31.00     | 26.66     | 1638412.96        | 14315241.65        | 39°25'15.7986"N | 81°00'25.5422"W | 40.89             | 139.306         | 2.04          | 2.03                 | -1.32               |  |
| 1229.00   | 11.450          | 136.490     | 1225.27  | 54.06          | -43.61     | 38.47     | 1638424.77        | 14315229.05        | 39°25'15.6740"N | 81°00'25.3917"W | 58.15             | 138.581         | 2.05          | 2.04                 | -0.87               |  |
| 1323.00   | 12.080          | 134.170     | 1317.29  | 71.44          | -57.23     | 51.95     | 1638438.24        | 14315215.43        | 39°25'15.5394"N | 81°00'25.2199"W | 77.29             | 137.768         | 0.84          | 0.67                 | -2.47               |  |
| 1418.00   | 13.720          | 132.720     | 1409.89  | 90.37          | -71.80     | 67.36     | 1638453.84        | 14315200.87        | 39°25'15.3954"N | 81°00'25.0235"W | 98.45             | 136.828         | 1.76          | 1.73                 | -1.53               |  |
| 1512.00   | 15.380          | 132.250     | 1500.87  | 111.27         | -87.75     | 84.78     | 1638471.05        | 14315184.93        | 39°25'15.2378"N | 81°00'24.8016"W | 122.01            | 135.986         | 1.77          | 1.77                 | -0.50               |  |
| 1607.00   | 15.830          | 129.640     | 1592.37  | 133.55         | -104.48    | 104.08    | 1638490.35        | 14315168.20        | 39°25'15.0724"N | 81°00'24.5556"W | 147.48            | 135.110         | 0.88          | 0.47                 | -2.75               |  |
| 1701.00   | 16.550          | 132.490     | 1682.64  | 156.44         | -121.71    | 123.83    | 1638510.09        | 14315150.98        | 39°25'14.9022"N | 81°00'24.3040"W | 173.62            | 134.505         | 1.14          | 0.77                 | 3.03                |  |
| 1796.00   | 17.040          | 136.350     | 1773.59  | 181.15         | -140.92    | 143.41    | 1638529.67        | 14315131.78        | 39°25'14.7123"N | 81°00'24.0544"W | 201.06            | 134.497         | 1.28          | 0.52                 | 4.06                |  |
| 1891.00   | 17.680          | 134.270     | 1864.27  | 206.85         | -161.06    | 163.35    | 1638549.60        | 14315111.65        | 39°25'14.5133"N | 81°00'23.8003"W | 229.40            | 134.595         | 0.94          | 0.67                 | -2.19               |  |
| 1985.00   | 18.710          | 132.670     | 1953.57  | 233.06         | -181.24    | 184.66    | 1638570.89        | 14315091.47        | 39°25'14.3138"N | 81°00'23.5288"W | 258.74            | 134.465         | 1.22          | 1.10                 | -1.70               |  |
| 2080.00   | 18.870          | 136.000     | 2043.51  | 260.58         | -202.62    | 206.53    | 1638592.76        | 14315070.10        | 39°25'14.1025"N | 81°00'23.2500"W | 289.33            | 134.452         | 1.14          | 0.17                 | 3.51                |  |
| 2175.00   | 18.530          | 139.010     | 2133.49  | 288.67         | -225.07    | 227.11    | 1638613.33        | 14315047.66        | 39°25'13.8807"N | 81°00'22.9879"W | 319.74            | 134.741         | 1.08          | -0.36                | 3.17                |  |
| 2269.00   | 18.790          | 136.500     | 2222.55  | 316.45         | -247.32    | 247.33    | 1638633.54        | 14315025.42        | 39°25'13.6608"N | 81°00'22.7302"W | 349.77            | 135.000         | 0.90          | 0.28                 | -2.67               |  |
| 2364.00   | 19.170          | 134.540     | 2312.39  | 344.52         | -269.36    | 268.98    | 1638655.18        | 14315003.39        | 39°25'13.4430"N | 81°00'22.4543"W | 380.66            | 135.041         | 0.78          | 0.40                 | -2.06               |  |
| 2459.00   | 18.220          | 137.080     | 2402.38  | 372.24         | -291.18    | 290.21    | 1638676.40        | 14314981.58        | 39°25'13.2273"N | 81°00'22.1838"W | 411.10            | 135.096         | 1.32          | -1.00                | 2.67                |  |
| 2553.00   | 18.110          | 141.330     | 2491.70  | 399.58         | -313.35    | 309.34    | 1638695.53        | 14314959.42        | 39°25'13.0082"N | 81°00'21.9399"W | 440.32            | 135.368         | 1.41          | -0.12                | 4.52                |  |
| 2648.00   | 18.420          | 138.550     | 2581.91  | 427.50         | -336.13    | 328.51    | 1638714.68        | 14314936.65        | 39°25'12.7831"N | 81°00'21.6957"W | 470.00            | 135.657         | 0.97          | 0.33                 | -2.93               |  |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'

Page 3 of 11



## REFERENCE WELLPATH IDENTIFICATION

|          |                              |          |                    |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field    | Tyler                        | API      | 47-095-02811-0000  |
| Facility | Wrigley Pad                  | Wellbore | Little Unit 1H AWP |
| Slot     | Slot E                       |          |                    |

## WELLPATH DATA (197 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                             |
|---------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|--------------------------------------|
| 2743.00 | 18.590          | 137.130     | 2672.00  | 455.38         | -358.47    | 348.74    | 1638734.91        | 14314914.31        | 39°25'12.5623"N | 81°00'21.4378"W | 500.13            | 135.788         | 0.51          | 0.18                 | -1.49               |                                      |
| 2837.00 | 18.910          | 135.350     | 2761.01  | 482.98         | -380.29    | 369.64    | 1638755.80        | 14314892.50        | 39°25'12.3466"N | 81°00'21.1715"W | 530.34            | 135.814         | 0.70          | 0.34                 | -1.89               |                                      |
| 2932.00 | 18.310          | 138.230     | 2851.05  | 510.79         | -402.37    | 390.40    | 1638776.55        | 14314870.43        | 39°25'12.1284"N | 81°00'20.9070"W | 560.64            | 135.865         | 1.16          | -0.63                | 3.03                |                                      |
| 3027.00 | 16.940          | 145.000     | 2941.60  | 537.99         | -424.84    | 408.28    | 1638794.43        | 14314847.97        | 39°25'11.9063"N | 81°00'20.6791"W | 589.23            | 136.139         | 2.59          | -1.44                | 7.13                |                                      |
| 3122.00 | 17.100          | 142.450     | 3032.44  | 564.64         | -447.25    | 424.73    | 1638810.87        | 14314825.57        | 39°25'11.6849"N | 81°00'20.4695"W | 616.79            | 136.479         | 0.80          | 0.17                 | -2.68               |                                      |
| 3216.00 | 17.070          | 140.860     | 3122.29  | 590.82         | -468.91    | 441.86    | 1638828.00        | 14314803.92        | 39°25'11.4708"N | 81°00'20.2512"W | 644.30            | 136.701         | 0.50          | -0.03                | -1.69               |                                      |
| 3255.00 | 16.980          | 139.780     | 3159.58  | 601.56         | -477.70    | 449.16    | 1638835.28        | 14314795.13        | 39°25'11.3840"N | 81°00'20.1583"W | 655.70            | 136.764         | 0.84          | -0.23                | -2.77               |                                      |
| 3310.00 | 17.180          | 145.960     | 3212.16  | 616.96         | -490.56    | 458.89    | 1638845.01        | 14314782.27        | 39°25'11.2568"N | 81°00'20.0342"W | 671.74            | 136.911         | 3.32          | 0.36                 | 11.24               | APS EM <8-3/4"> (3255')(3310'-5775') |
| 3405.00 | 16.440          | 133.720     | 3303.13  | 642.60         | -511.49    | 476.46    | 1638862.58        | 14314761.36        | 39°25'11.0500"N | 81°00'19.8103"W | 699.03            | 137.030         | 3.80          | -0.78                | -12.88              |                                      |
| 3500.00 | 16.340          | 137.960     | 3394.27  | 667.00         | -530.70    | 495.13    | 1638881.24        | 14314742.15        | 39°25'10.8601"N | 81°00'19.5724"W | 725.81            | 136.986         | 1.26          | -0.11                | 4.46                |                                      |
| 3594.00 | 17.250          | 141.430     | 3484.26  | 692.43         | -551.42    | 512.67    | 1638898.78        | 14314721.44        | 39°25'10.6554"N | 81°00'19.3488"W | 752.93            | 137.085         | 1.44          | 0.97                 | 3.69                |                                      |
| 3689.00 | 17.170          | 139.780     | 3575.01  | 718.91         | -573.14    | 530.51    | 1638916.61        | 14314699.73        | 39°25'10.4407"N | 81°00'19.1216"W | 780.98            | 137.212         | 0.52          | -0.08                | -1.74               |                                      |
| 3786.00 | 16.830          | 135.050     | 3667.77  | 745.04         | -594.01    | 549.68    | 1638935.77        | 14314678.86        | 39°25'10.2344"N | 81°00'18.8773"W | 809.32            | 137.220         | 1.47          | -0.35                | -4.88               |                                      |
| 3881.00 | 16.330          | 128.280     | 3758.83  | 768.82         | -612.02    | 569.88    | 1638955.96        | 14314660.86        | 39°25'10.0564"N | 81°00'18.6199"W | 836.26            | 137.042         | 2.10          | -0.53                | -7.13               |                                      |
| 3975.00 | 17.110          | 131.070     | 3848.86  | 792.12         | -629.30    | 590.68    | 1638976.75        | 14314643.60        | 39°25'9.8858"N  | 81°00'18.3548"W | 863.08            | 136.813         | 1.19          | 0.83                 | 2.97                |                                      |
| 4070.00 | 19.800          | 135.140     | 3938.97  | 818.90         | -649.89    | 612.57    | 1638998.63        | 14314623.01        | 39°25'9.6823"N  | 81°00'18.0759"W | 893.08            | 136.693         | 3.14          | 2.83                 | 4.28                |                                      |
| 4165.00 | 19.350          | 129.410     | 4028.49  | 847.00         | -671.29    | 636.08    | 1639022.14        | 14314601.62        | 39°25'9.4708"N  | 81°00'17.7763"W | 924.78            | 136.542         | 2.07          | -0.47                | -6.03               |                                      |
| 4259.00 | 18.360          | 132.120     | 4117.44  | 873.44         | -691.10    | 659.10    | 1639045.14        | 14314581.82        | 39°25'9.2749"N  | 81°00'17.4830"W | 955.00            | 136.358         | 1.41          | -1.05                | 2.88                |                                      |
| 4354.00 | 17.290          | 141.630     | 4207.90  | 900.03         | -712.21    | 678.96    | 1639065.00        | 14314560.72        | 39°25'9.0663"N  | 81°00'17.2299"W | 983.99            | 136.369         | 3.26          | -1.13                | 10.01               |                                      |
| 4449.00 | 16.240          | 135.700     | 4298.87  | 925.50         | -732.79    | 697.00    | 1639083.03        | 14314540.15        | 39°25'8.8629"N  | 81°00'17.0000"W | 1011.33           | 136.434         | 2.11          | -1.11                | -6.24               |                                      |
| 4544.00 | 16.510          | 137.640     | 4390.02  | 950.05         | -752.27    | 715.38    | 1639101.40        | 14314520.67        | 39°25'8.6704"N  | 81°00'16.7659"W | 1038.11           | 136.440         | 0.64          | 0.28                 | 2.04                |                                      |
| 4639.00 | 18.670          | 141.690     | 4480.57  | 976.94         | -774.18    | 733.90    | 1639119.92        | 14314498.77        | 39°25'8.4539"N  | 81°00'16.5298"W | 1066.75           | 136.530         | 2.61          | 2.27                 | 4.26                |                                      |
| 4733.00 | 17.780          | 138.410     | 4569.86  | 1004.53        | -796.72    | 752.76    | 1639138.76        | 14314476.24        | 39°25'8.2311"N  | 81°00'16.2895"W | 1096.09           | 136.625         | 1.44          | -0.95                | -3.49               |                                      |
| 4828.00 | 16.850          | 130.600     | 4660.56  | 1029.97        | -816.53    | 772.84    | 1639158.84        | 14314456.44        | 39°25'8.0353"N  | 81°00'16.0336"W | 1124.28           | 136.575         | 2.63          | -0.98                | -8.22               |                                      |
| 4923.00 | 16.450          | 135.250     | 4751.58  | 1054.14        | -835.05    | 792.77    | 1639178.76        | 14314437.93        | 39°25'7.8523"N  | 81°00'15.7797"W | 1151.43           | 136.488         | 1.46          | -0.42                | 4.89                |                                      |
| 5018.00 | 18.880          | 138.350     | 4842.10  | 1080.60        | -856.09    | 812.45    | 1639198.44        | 14314416.90        | 39°25'7.6444"N  | 81°00'15.5288"W | 1180.24           | 136.498         | 2.74          | 2.56                 | 3.26                |                                      |
| 5113.00 | 17.500          | 134.330     | 4932.35  | 1107.72        | -877.56    | 832.89    | 1639218.86        | 14314395.44        | 39°25'7.4322"N  | 81°00'15.2685"W | 1209.88           | 136.496         | 1.96          | -1.45                | -4.23               |                                      |
| 5208.00 | 17.810          | 133.980     | 5022.88  | 1133.60        | -897.62    | 853.56    | 1639239.53        | 14314375.38        | 39°25'7.2339"N  | 81°00'15.0050"W | 1238.67           | 136.441         | 0.34          | 0.33                 | -0.37               |                                      |
| 5302.00 | 20.460          | 140.200     | 5111.69  | 1161.94        | -920.24    | 874.43    | 1639260.39        | 14314355.77        | 39°25'7.0104"N  | 81°00'14.7391"W | 1269.43           | 136.462         | 3.55          | 2.82                 | 6.62                |                                      |
| 5397.00 | 19.400          | 136.020     | 5201.00  | 1191.94        | -944.35    | 896.01    | 1639281.96        | 14314328.67        | 39°25'6.7721"N  | 81°00'14.4641"W | 1301.78           | 136.504         | 1.87          | -1.12                | -4.40               |                                      |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 4 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |  |          |                    |
|-----------------------------------|------------------------------|--|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION |  | Well     | Little Unit 1H     |
| Field                             | Tyler                        |  | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  |  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |  |          |                    |

| WELLPATH DATA (197 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                                   |
| 5492.00   | 17.360          | 132.490     | 5291.15  | 1218.88        | -965.28    | 917.42    | 1639303.36        | 14314307.75        | 39°25'6.5652"N  | 81°00'14.1913"W | 1331.70           | 136.456         | 2.45          | -2.15                | -3.72               |  |
| 5587.00   | 16.790          | 131.200     | 5381.97  | 1243.43        | -983.89    | 938.20    | 1639324.13        | 14314289.15        | 39°25'6.3813"N  | 81°00'13.9265"W | 1359.50           | 136.362         | 0.72          | -0.60                | -1.36               |  |
| 5682.00   | 19.940          | 130.970     | 5472.12  | 1269.57        | -1003.55   | 960.76    | 1639346.68        | 14314269.49        | 39°25'6.1870"N  | 81°00'13.6391"W | 1389.31           | 136.248         | 3.32          | 3.32                 | -0.24               |  |
| 5775.00   | 17.740          | 127.070     | 5560.13  | 1295.28        | -1022.49   | 984.04    | 1639369.96        | 14314250.56        | 39°25'5.9998"N  | 81°00'13.3424"W | 1419.10           | 136.098         | 2.72          | -2.37                | -4.19               |  |
| 5902.00   | 18.560          | 135.270     | 5680.83  | 1329.81        | -1048.52   | 1013.71   | 1639399.61        | 14314224.54        | 39°25'5.7425"N  | 81°00'12.9844"W | 1458.42           | 135.967         | 2.11          | 0.65                 | 6.46                | BH AT Curve <8-1/2"> (5775')(5902'-17787') |
| 5997.00   | 26.650          | 148.820     | 5768.52  | 1364.49        | -1077.56   | 1035.43   | 1639421.32        | 14314195.52        | 39°25'5.4556"N  | 81°00'12.6876"W | 1494.41           | 136.142         | 10.08         | 8.52                 | 14.26               |  |
| 6092.00   | 35.340          | 152.690     | 5849.88  | 1412.71        | -1120.28   | 1059.11   | 1639445.00        | 14314152.81        | 39°25'5.0333"N  | 81°00'12.3858"W | 1541.67           | 136.608         | 9.38          | 9.15                 | 4.07                |  |
| 6141.00†  | 39.805          | 154.565     | 5888.71  | 1442.38        | -1147.05   | 1072.36   | 1639458.24        | 14314126.05        | 39°25'4.7687"N  | 81°00'12.2170"W | 1570.25           | 136.928         | 9.41          | 9.11                 | 3.83                | Sycamore: 6141' MD                         |
| 6187.00   | 44.020          | 156.030     | 5922.94  | 1472.99        | -1174.97   | 1085.18   | 1639471.06        | 14314098.14        | 39°25'4.4928"N  | 81°00'12.0536"W | 1599.43           | 137.275         | 9.41          | 9.16                 | 3.19                |  |
| 6280.00†  | 53.548          | 155.584     | 5984.14  | 1542.66        | -1238.70   | 1113.84   | 1639499.70        | 14314034.44        | 39°25'3.8629"N  | 81°00'11.6885"W | 1665.84           | 138.038         | 10.25         | 10.24                | -0.48               | Middlesex: 6280' MD                        |
| 6281.00   | 53.650          | 155.580     | 5984.74  | 1543.46        | -1239.43   | 1114.17   | 1639500.03        | 14314033.71        | 39°25'3.8557"N  | 81°00'11.6842"W | 1666.60           | 138.047         | 10.25         | 10.25                | -0.42               |  |
| 6376.00   | 65.010          | 154.820     | 6033.12  | 1624.72        | -1313.47   | 1148.42   | 1639534.27        | 14313959.69        | 39°25'3.1239"N  | 81°00'11.2478"W | 1744.73           | 138.836         | 11.98         | 11.96                | -0.80               |  |
| 6462.00†  | 67.690          | 149.613     | 6067.63  | 1702.69        | -1383.11   | 1185.15   | 1639570.98        | 14313890.08        | 39°25'2.4357"N  | 81°00'10.7798"W | 1821.42           | 139.408         | 6.36          | 3.12                 | -6.05               | Burkett: 6462' MD                          |
| 6471.00   | 67.980          | 149.080     | 6071.03  | 1710.87        | -1390.28   | 1189.40   | 1639575.23        | 14313882.92        | 39°25'2.3648"N  | 81°00'10.7256"W | 1829.63           | 139.453         | 6.36          | 3.22                 | -5.92               |  |
| 6514.00†  | 68.410          | 149.037     | 6087.00  | 1750.04        | -1424.53   | 1209.93   | 1639595.75        | 14313848.69        | 39°25'2.0264"N  | 81°00'10.4640"W | 1869.01           | 139.657         | 1.00          | 1.00                 | -0.10               | Tully: 6514' MD                            |
| 6521.00   | 68.480          | 149.030     | 6089.57  | 1756.43        | -1430.11   | 1213.28   | 1639599.10        | 14313843.11        | 39°25'1.9712"N  | 81°00'10.4214"W | 1875.43           | 139.689         | 1.00          | 1.00                 | -0.10               | Marcellus POE: 6521' MD                    |
| 6565.00   | 72.480          | 149.770     | 6104.27  | 1797.16        | -1465.80   | 1234.38   | 1639620.19        | 14313807.43        | 39°25'1.6185"N  | 81°00'10.1524"W | 1916.31           | 139.899         | 9.23          | 9.09                 | 1.68                |  |
| 6660.00   | 80.420          | 148.720     | 6126.51  | 1887.75        | -1545.09   | 1281.58   | 1639667.38        | 14313728.17        | 39°25'0.8348"N  | 81°00'9.5510"W  | 2007.43           | 140.326         | 8.43          | 8.36                 | -1.11               |  |
| 6755.00   | 87.350          | 150.840     | 6136.63  | 1980.59        | -1626.67   | 1329.08   | 1639714.86        | 14313646.63        | 39°25'0.0285"N  | 81°00'8.9457"W  | 2100.60           | 140.749         | 7.62          | 7.29                 | 2.23                |  |
| 6850.00   | 89.170          | 149.420     | 6139.51  | 2074.07        | -1709.00   | 1376.37   | 1639762.13        | 14313564.32        | 39°24'59.2148"N | 81°00'8.3432"W  | 2194.33           | 141.153         | 2.43          | 1.92                 | -1.49               |  |
| 6944.00   | 89.690          | 153.620     | 6140.45  | 2166.97        | -1791.60   | 1421.18   | 1639806.92        | 14313481.76        | 39°24'58.3984"N | 81°00'7.7722"W  | 2286.83           | 141.577         | 4.50          | 0.55                 | 4.47                |  |
| 7039.00   | 89.290          | 157.050     | 6141.29  | 2261.61        | -1877.92   | 1460.82   | 1639846.54        | 14313395.47        | 39°24'57.5453"N | 81°00'7.2671"W  | 2379.20           | 142.121         | 3.63          | -0.42                | 3.61                |  |
| 7134.00   | 88.890          | 158.650     | 6142.80  | 2356.51        | -1965.90   | 1496.63   | 1639882.34        | 14313307.54        | 39°24'56.6758"N | 81°00'6.8108"W  | 2470.76           | 142.718         | 1.74          | -0.42                | 1.68                |  |
| 7229.00   | 89.260          | 159.620     | 6144.34  | 2451.48        | -2054.65   | 1530.46   | 1639916.16        | 14313218.81        | 39°24'55.7986"N | 81°00'6.3797"W  | 2562.01           | 143.318         | 1.09          | 0.39                 | 1.02                |  |
| 7323.00   | 89.010          | 160.600     | 6145.76  | 2545.47        | -2143.03   | 1562.44   | 1639948.12        | 14313130.47        | 39°24'54.9251"N | 81°00'5.9723"W  | 2652.13           | 143.905         | 1.08          | -0.27                | 1.04                |  |
| 7418.00   | 88.650          | 158.430     | 6147.70  | 2640.43        | -2232.00   | 1595.68   | 1639981.35        | 14313041.53        | 39°24'54.0458"N | 81°00'5.5488"W  | 2743.72           | 144.439         | 2.31          | -0.38                | -2.28               |  |
| 7513.00   | 89.140          | 159.640     | 6149.53  | 2735.39        | -2320.70   | 1629.66   | 1640015.32        | 14312952.88        | 39°24'53.1692"N | 81°00'5.1158"W  | 2835.74           | 144.922         | 1.37          | 0.52                 | 1.27                |  |
| 7607.00   | 91.020          | 162.250     | 6149.40  | 2829.37        | -2409.53   | 1660.35   | 1640045.99        | 14312864.08        | 39°24'52.2911"N | 81°00'4.7248"W  | 2926.19           | 145.430         | 3.42          | 2.00                 | 2.78                |  |
| 7702.00   | 89.510          | 159.170     | 6148.96  | 2924.36        | -2499.18   | 1691.72   | 1640077.35        | 14312774.46        | 39°24'51.4051"N | 81°00'4.3250"W  | 3017.92           | 145.906         | 3.61          | -1.59                | -3.24               |  |
| 7796.00   | 89.780          | 159.380     | 6149.54  | 3018.34        | -2587.10   | 1724.99   | 1640110.60        | 14312686.58        | 39°24'50.5362"N | 81°00'3.9011"W  | 3109.45           | 146.306         | 0.36          | 0.29                 | 0.22                |  |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 5 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |          |                    |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field                             | Tyler                        | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |          |                    |

| WELLPATH DATA (197 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 |
| 7891.00                      | 89.880          | 159.930     | 6149.82  | 3113.34        | -2676.17   | 1758.02   | 1640143.62        | 14312597.54        | 39°24'49.6558"N | 81°00'3.4803"W  | 3201.96           | 146.699         | 0.59          | 0.11                 | 0.58                |          |
| 7986.00                      | 89.140          | 159.590     | 6150.63  | 3208.33        | -2765.30   | 1790.88   | 1640176.47        | 14312508.45        | 39°24'48.7749"N | 81°00'3.0616"W  | 3294.56           | 147.072         | 0.86          | -0.78                | -0.36               |          |
| 8080.00                      | 89.510          | 160.980     | 6151.74  | 3302.32        | -2853.78   | 1822.59   | 1640208.17        | 14312420.00        | 39°24'47.9004"N | 81°00'2.6576"W  | 3386.14           | 147.435         | 1.53          | 0.39                 | 1.48                |          |
| 8175.00                      | 91.050          | 157.850     | 6151.28  | 3397.29        | -2942.70   | 1855.98   | 1640241.55        | 14312331.12        | 39°24'47.0216"N | 81°00'2.2321"W  | 3479.11           | 147.760         | 3.67          | 1.62                 | -3.29               |          |
| 8270.00                      | 89.820          | 159.760     | 6150.55  | 3492.26        | -3031.27   | 1890.33   | 1640275.88        | 14312242.59        | 39°24'46.1462"N | 81°00'1.7945"W  | 3572.38           | 148.052         | 2.39          | -1.29                | 2.01                |          |
| 8364.00                      | 88.580          | 159.350     | 6151.87  | 3586.24        | -3119.34   | 1923.16   | 1640308.69        | 14312154.56        | 39°24'45.2758"N | 81°00'1.3762"W  | 3664.53           | 148.345         | 1.39          | -1.32                | -0.44               |          |
| 8459.00                      | 89.140          | 159.540     | 6153.76  | 3681.21        | -3208.27   | 1956.51   | 1640342.03        | 14312065.66        | 39°24'44.3968"N | 81°00'0.9513"W  | 3757.78           | 148.624         | 0.62          | 0.59                 | 0.20                |          |
| 8553.00                      | 88.250          | 159.420     | 6155.90  | 3775.18        | -3296.28   | 1989.45   | 1640374.96        | 14311977.68        | 39°24'43.5270"N | 81°00'0.5316"W  | 3850.12           | 148.887         | 0.96          | -0.95                | -0.13               |          |
| 8648.00                      | 91.230          | 160.160     | 6156.33  | 3870.16        | -3385.42   | 2022.26   | 1640407.76        | 14311888.58        | 39°24'42.6459"N | 81°00'0.1135"W  | 3943.43           | 149.148         | 3.23          | 3.14                 | 0.78                |          |
| 8743.00                      | 88.830          | 159.990     | 6156.28  | 3965.16        | -3474.73   | 2054.63   | 1640440.12        | 14311799.31        | 39°24'41.7633"N | 80°59'59.7011"W | 4036.74           | 149.404         | 2.53          | -2.53                | -0.18               |          |
| 8838.00                      | 90.120          | 158.810     | 6157.15  | 4060.14        | -3563.65   | 2088.06   | 1640473.53        | 14311710.42        | 39°24'40.8845"N | 80°59'59.2753"W | 4130.32           | 149.633         | 1.84          | 1.36                 | -1.24               |          |
| 8933.00                      | 89.080          | 160.140     | 6157.81  | 4155.13        | -3652.61   | 2121.36   | 1640506.82        | 14311621.50        | 39°24'40.0052"N | 80°59'58.8509"W | 4223.95           | 149.853         | 1.78          | -1.09                | 1.40                |          |
| 9028.00                      | 90.150          | 157.150     | 6158.45  | 4250.08        | -3741.08   | 2155.95   | 1640541.40        | 14311533.07        | 39°24'39.1308"N | 80°59'58.4102"W | 4317.84           | 150.045         | 3.34          | 1.13                 | -3.15               |          |
| 9122.00                      | 89.630          | 160.240     | 6158.63  | 4344.03        | -3828.64   | 2190.10   | 1640575.53        | 14311445.54        | 39°24'38.2654"N | 80°59'57.9752"W | 4410.79           | 150.229         | 3.33          | -0.55                | 3.29                |          |
| 9217.00                      | 88.980          | 159.440     | 6159.78  | 4439.02        | -3917.81   | 2222.84   | 1640608.26        | 14311356.40        | 39°24'37.3841"N | 80°59'57.5581"W | 4504.47           | 150.431         | 1.08          | -0.68                | -0.84               |          |
| 9312.00                      | 90.370          | 159.670     | 6160.32  | 4534.01        | -4006.83   | 2256.02   | 1640641.43        | 14311267.43        | 39°24'36.5043"N | 80°59'57.1353"W | 4598.29           | 150.619         | 1.48          | 1.46                 | 0.24                |          |
| 9406.00                      | 89.940          | 160.780     | 6160.07  | 4628.01        | -4095.28   | 2287.82   | 1640673.22        | 14311179.01        | 39°24'35.6301"N | 80°59'56.7302"W | 4691.00           | 150.810         | 1.27          | -0.46                | 1.18                |          |
| 9500.00                      | 89.660          | 160.430     | 6160.40  | 4722.01        | -4183.95   | 2319.04   | 1640704.42        | 14311090.38        | 39°24'34.7537"N | 80°59'56.3325"W | 4783.65           | 151.002         | 0.48          | -0.30                | -0.37               |          |
| 9595.00                      | 89.600          | 160.010     | 6161.01  | 4817.00        | -4273.34   | 2351.19   | 1640736.55        | 14311001.02        | 39°24'33.8702"N | 80°59'55.9229"W | 4877.45           | 151.180         | 0.45          | -0.06                | -0.44               |          |
| 9690.00                      | 90.310          | 161.490     | 6161.09  | 4912.00        | -4363.02   | 2382.51   | 1640767.86        | 14310911.37        | 39°24'32.9838"N | 80°59'55.5239"W | 4971.15           | 151.362         | 1.73          | 0.75                 | 1.56                |          |
| 9785.00                      | 89.880          | 161.240     | 6160.93  | 5006.98        | -4453.04   | 2412.86   | 1640798.20        | 14310821.39        | 39°24'32.0941"N | 80°59'55.1372"W | 5064.73           | 151.549         | 0.52          | -0.45                | -0.26               |          |
| 9879.00                      | 88.550          | 160.670     | 6162.22  | 5100.96        | -4541.89   | 2443.53   | 1640828.86        | 14310732.58        | 39°24'31.2160"N | 80°59'54.7465"W | 5157.48           | 151.720         | 1.54          | -1.41                | -0.61               |          |
| 9974.00                      | 89.970          | 159.280     | 6163.44  | 5195.94        | -4631.13   | 2476.06   | 1640861.37        | 14310643.37        | 39°24'30.3339"N | 80°59'54.3321"W | 5251.50           | 151.869         | 2.09          | 1.49                 | -1.46               |          |
| 10069.00                     | 89.570          | 161.120     | 6163.82  | 5290.94        | -4720.51   | 2508.24   | 1640893.54        | 14310554.03        | 39°24'29.4506"N | 80°59'53.9222"W | 5345.51           | 152.016         | 1.98          | -0.42                | 1.94                |          |
| 10164.00                     | 89.080          | 159.030     | 6164.94  | 5385.93        | -4809.81   | 2540.61   | 1640925.90        | 14310464.76        | 39°24'28.5679"N | 80°59'53.5098"W | 5439.58           | 152.156         | 2.26          | -0.52                | -2.20               |          |
| 10259.00                     | 88.920          | 160.070     | 6166.60  | 5480.90        | -4898.81   | 2573.80   | 1640959.07        | 14310375.80        | 39°24'27.6883"N | 80°59'53.0870"W | 5533.78           | 152.283         | 1.11          | -0.17                | 1.09                |          |
| 10353.00                     | 89.660          | 158.800     | 6167.77  | 5574.89        | -4986.81   | 2606.81   | 1640992.07        | 14310287.83        | 39°24'26.8186"N | 80°59'52.6664"W | 5627.05           | 152.402         | 1.56          | 0.79                 | -1.35               |          |
| 10448.00                     | 91.420          | 163.260     | 6166.87  | 5669.84        | -5076.62   | 2637.68   | 1641022.93        | 14310198.06        | 39°24'25.9309"N | 80°59'52.2732"W | 5720.97           | 152.545         | 5.05          | 1.89                 | 4.69                |          |
| 10543.00                     | 89.320          | 160.560     | 6166.26  | 5764.79        | -5166.91   | 2667.18   | 1641052.42        | 14310107.81        | 39°24'25.0385"N | 80°59'51.8974"W | 5814.70           | 152.697         | 3.60          | -2.21                | -2.84               |          |
| 10637.00                     | 89.200          | 160.230     | 6167.47  | 5858.78        | -5255.45   | 2698.71   | 1641083.94        | 14310019.30        | 39°24'24.1634"N | 80°59'51.4957"W | 5907.86           | 152.819         | 0.37          | -0.13                | -0.35               |          |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 6 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |          |                    |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field                             | Tyler                        | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |          |                    |

| WELLPATH DATA (197 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 |
| 10732.00                     | 90.950          | 160.790     | 6167.35  | 5953.77        | -5345.00   | 2730.41   | 1641115.62        | 14309929.78        | 39°24'23.2783"N | 80°59'51.0919"W | 6002.02           | 152.941         | 1.93          | 1.84                 | 0.59                |          |
| 10827.00                     | 88.650          | 161.320     | 6167.68  | 6048.76        | -5434.85   | 2761.25   | 1641146.45        | 14309839.97        | 39°24'22.3903"N | 80°59'50.6991"W | 6096.07           | 153.067         | 2.48          | -2.42                | 0.56                |          |
| 10921.00                     | 90.000          | 159.330     | 6168.79  | 6142.74        | -5523.35   | 2792.89   | 1641178.08        | 14309751.51        | 39°24'21.5156"N | 80°59'50.2960"W | 6189.32           | 153.176         | 2.56          | 1.44                 | -2.12               |          |
| 11016.00                     | 88.580          | 161.990     | 6169.96  | 6237.72        | -5612.97   | 2824.35   | 1641209.52        | 14309661.92        | 39°24'20.6298"N | 80°59'49.8953"W | 6283.50           | 153.289         | 3.17          | -1.49                | 2.80                |          |
| 11111.00                     | 91.320          | 160.870     | 6170.05  | 6332.69        | -5703.02   | 2854.60   | 1641239.76        | 14309571.92        | 39°24'19.7398"N | 80°59'49.5099"W | 6377.55           | 153.410         | 3.12          | 2.88                 | -1.18               |          |
| 11206.00                     | 88.580          | 158.280     | 6170.13  | 6427.67        | -5792.03   | 2887.75   | 1641272.90        | 14309482.94        | 39°24'18.8601"N | 80°59'49.0877"W | 6471.99           | 153.500         | 3.97          | -2.88                | -2.73               |          |
| 11301.00                     | 91.380          | 161.550     | 6170.16  | 6522.64        | -5881.23   | 2920.36   | 1641305.50        | 14309393.77        | 39°24'17.9784"N | 80°59'48.6722"W | 6566.38           | 153.593         | 4.53          | 2.95                 | 3.44                |          |
| 11395.00                     | 88.830          | 159.600     | 6169.99  | 6616.63        | -5969.87   | 2951.62   | 1641336.75        | 14309305.17        | 39°24'17.1024"N | 80°59'48.2741"W | 6659.68           | 153.691         | 3.41          | -2.71                | -2.07               |          |
| 11490.00                     | 89.880          | 161.240     | 6171.06  | 6711.62        | -6059.36   | 2983.45   | 1641368.57        | 14309215.71        | 39°24'16.2178"N | 80°59'47.8686"W | 6754.03           | 153.786         | 2.05          | 1.11                 | 1.73                |          |
| 11585.00                     | 89.820          | 160.960     | 6171.31  | 6806.60        | -6149.24   | 3014.23   | 1641399.32        | 14309125.87        | 39°24'15.3295"N | 80°59'47.4766"W | 6848.26           | 153.887         | 0.30          | -0.06                | -0.29               |          |
| 11680.00                     | 90.400          | 161.740     | 6171.13  | 6901.58        | -6239.25   | 3044.61   | 1641429.69        | 14309035.90        | 39°24'14.4399"N | 80°59'47.0896"W | 6942.47           | 153.989         | 1.02          | 0.61                 | 0.82                |          |
| 11775.00                     | 89.200          | 161.880     | 6171.46  | 6996.54        | -6329.50   | 3074.26   | 1641459.34        | 14308945.68        | 39°24'13.5479"N | 80°59'46.7119"W | 7036.60           | 154.094         | 1.27          | -1.26                | 0.15                |          |
| 11870.00                     | 88.950          | 159.370     | 6172.99  | 7091.52        | -6419.10   | 3105.77   | 1641490.83        | 14308856.12        | 39°24'12.6623"N | 80°59'46.3105"W | 7130.97           | 154.181         | 2.65          | -0.26                | -2.64               |          |
| 11964.00                     | 90.740          | 161.480     | 6173.25  | 7185.51        | -6507.66   | 3137.26   | 1641522.31        | 14308767.59        | 39°24'11.7870"N | 80°59'45.9094"W | 7224.41           | 154.262         | 2.94          | 1.90                 | 2.24                |          |
| 12059.00                     | 88.490          | 160.290     | 6173.88  | 7280.50        | -6597.41   | 3168.37   | 1641553.40        | 14308677.88        | 39°24'10.8999"N | 80°59'45.5132"W | 7318.77           | 154.348         | 2.68          | -2.37                | -1.25               |          |
| 12151.00                     | 90.370          | 160.600     | 6174.80  | 7372.49        | -6684.10   | 3199.16   | 1641584.18        | 14308591.23        | 39°24'10.0432"N | 80°59'45.1210"W | 7410.25           | 154.423         | 2.07          | 2.04                 | 0.34                |          |
| 12249.00                     | 89.080          | 163.090     | 6175.27  | 7470.44        | -6777.21   | 3229.69   | 1641614.70        | 14308498.15        | 39°24'9.1229"N  | 80°59'44.7321"W | 7507.43           | 154.520         | 2.86          | -1.32                | 2.54                |          |
| 12344.00                     | 90.060          | 167.340     | 6175.98  | 7565.05        | -6869.04   | 3253.93   | 1641638.93        | 14308406.36        | 39°24'8.2153"N  | 80°59'44.4234"W | 7600.77           | 154.653         | 4.59          | 1.03                 | 4.47                |          |
| 12438.00                     | 89.660          | 163.230     | 6176.21  | 7658.66        | -6959.94   | 3277.80   | 1641662.79        | 14308315.50        | 39°24'7.3169"N  | 80°59'44.1194"W | 7693.16           | 154.782         | 4.39          | -0.43                | -4.37               |          |
| 12533.00                     | 90.090          | 160.560     | 6176.42  | 7753.61        | -7050.22   | 3307.32   | 1641692.30        | 14308225.25        | 39°24'6.4245"N  | 80°59'43.7434"W | 7787.43           | 154.868         | 2.85          | 0.45                 | -2.81               |          |
| 12628.00                     | 89.570          | 160.780     | 6176.70  | 7848.60        | -7139.87   | 3338.76   | 1641723.73        | 14308135.64        | 39°24'5.5385"N  | 80°59'43.3429"W | 7881.95           | 154.938         | 0.59          | -0.55                | 0.23                |          |
| 12722.00                     | 90.180          | 160.190     | 6176.91  | 7942.60        | -7228.47   | 3370.16   | 1641755.12        | 14308047.08        | 39°24'4.6628"N  | 80°59'42.9429"W | 7975.51           | 155.003         | 0.90          | 0.65                 | -0.63               |          |
| 12817.00                     | 89.540          | 158.670     | 6177.14  | 8037.59        | -7317.41   | 3403.54   | 1641788.48        | 14307958.17        | 39°24'3.7837"N  | 80°59'42.5178"W | 8070.23           | 155.055         | 1.74          | -0.67                | -1.60               |          |
| 12912.00                     | 90.740          | 160.440     | 6176.91  | 8132.58        | -7406.42   | 3436.72   | 1641821.65        | 14307869.20        | 39°24'2.9040"N  | 80°59'42.0952"W | 8164.93           | 155.108         | 2.25          | 1.26                 | 1.86                |          |
| 13006.00                     | 89.850          | 159.700     | 6176.42  | 8226.57        | -7494.79   | 3468.76   | 1641853.68        | 14307780.87        | 39°24'2.0306"N  | 80°59'41.6871"W | 8258.58           | 155.164         | 1.23          | -0.95                | -0.79               |          |
| 13101.00                     | 89.850          | 161.790     | 6176.67  | 8321.57        | -7584.47   | 3500.09   | 1641884.99        | 14307691.22        | 39°24'1.1442"N  | 80°59'41.2881"W | 8353.13           | 155.228         | 2.20          | 0.00                 | 2.20                |          |
| 13195.00                     | 90.460          | 161.410     | 6176.42  | 8415.54        | -7673.66   | 3529.76   | 1641914.65        | 14307602.07        | 39°24'0.2626"N  | 80°59'40.9102"W | 8446.55           | 155.298         | 0.76          | 0.65                 | -0.40               |          |
| 13290.00                     | 90.620          | 157.780     | 6175.52  | 8510.51        | -7762.68   | 3562.88   | 1641947.75        | 14307513.08        | 39°23'59.3828"N | 80°59'40.4884"W | 8541.27           | 155.346         | 3.82          | 0.17                 | -3.82               |          |
| 13385.00                     | 88.920          | 156.290     | 6175.90  | 8605.36        | -7850.14   | 3599.94   | 1641984.80        | 14307425.65        | 39°23'58.5183"N | 80°59'40.0164"W | 8636.22           | 155.365         | 2.38          | -1.79                | -1.57               |          |
| 13480.00                     | 90.400          | 162.460     | 6176.47  | 8700.30        | -7939.01   | 3633.39   | 1642018.24        | 14307336.82        | 39°23'57.6400"N | 80°59'39.5904"W | 8730.94           | 155.408         | 6.68          | 1.56                 | 6.49                |          |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 7 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |          |                    |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field                             | Tyler                        | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |          |                    |

| WELLPATH DATA (197 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 |
| 13574.00                     | 89.570          | 160.590     | 6176.49  | 8794.27        | -8028.16   | 3663.17   | 1642048.01        | 14307247.71        | 39°23'56.7589"N | 80°59'39.2110"W | 8824.41           | 155.473         | 2.18          | -0.88                | -1.99               |          |
| 13669.00                     | 89.850          | 159.850     | 6176.97  | 8889.27        | -8117.55   | 3695.32   | 1642080.14        | 14307158.35        | 39°23'55.8753"N | 80°59'38.8016"W | 8919.08           | 155.524         | 0.83          | 0.29                 | -0.78               |          |
| 13764.00                     | 90.250          | 160.610     | 6176.89  | 8984.27        | -8206.95   | 3727.45   | 1642112.26        | 14307068.99        | 39°23'54.9917"N | 80°59'38.3923"W | 9013.76           | 155.573         | 0.90          | 0.42                 | 0.80                |          |
| 13858.00                     | 89.690          | 161.550     | 6176.94  | 9078.25        | -8295.87   | 3757.93   | 1642142.73        | 14306980.10        | 39°23'54.1128"N | 80°59'38.0042"W | 9107.33           | 155.630         | 1.16          | -0.60                | 1.00                |          |
| 13953.00                     | 89.450          | 161.320     | 6177.65  | 9173.23        | -8385.93   | 3788.18   | 1642172.96        | 14306890.09        | 39°23'53.2228"N | 80°59'37.6190"W | 9201.85           | 155.690         | 0.35          | -0.25                | -0.24               |          |
| 14048.00                     | 89.690          | 160.540     | 6178.36  | 9268.22        | -8475.71   | 3819.21   | 1642203.99        | 14306800.34        | 39°23'52.3354"N | 80°59'37.2237"W | 9296.45           | 155.743         | 0.86          | 0.25                 | -0.82               |          |
| 14142.00                     | 89.510          | 161.760     | 6179.02  | 9362.20        | -8564.66   | 3849.58   | 1642234.35        | 14306711.42        | 39°23'51.4562"N | 80°59'36.8369"W | 9390.03           | 155.797         | 1.31          | -0.19                | 1.30                |          |
| 14237.00                     | 89.780          | 158.560     | 6179.61  | 9457.19        | -8654.01   | 3881.82   | 1642266.57        | 14306622.11        | 39°23'50.5731"N | 80°59'36.4264"W | 9484.75           | 155.841         | 3.38          | 0.28                 | -3.37               |          |
| 14331.00                     | 90.550          | 158.910     | 6179.34  | 9551.15        | -8741.61   | 3915.91   | 1642300.65        | 14306534.54        | 39°23'49.7073"N | 80°59'35.9922"W | 9578.63           | 155.869         | 0.90          | 0.82                 | 0.37                |          |
| 14426.00                     | 91.140          | 159.390     | 6177.94  | 9646.13        | -8830.38   | 3949.72   | 1642334.44        | 14306445.81        | 39°23'48.8299"N | 80°59'35.5616"W | 9673.46           | 155.902         | 0.80          | 0.62                 | 0.51                |          |
| 14520.00                     | 89.780          | 159.500     | 6177.18  | 9740.11        | -8918.39   | 3982.72   | 1642367.43        | 14306357.84        | 39°23'47.9600"N | 80°59'35.1413"W | 9767.28           | 155.936         | 1.45          | -1.45                | 0.12                |          |
| 14615.00                     | 88.550          | 158.410     | 6178.57  | 9835.08        | -9007.04   | 4016.83   | 1642401.53        | 14306269.22        | 39°23'47.0838"N | 80°59'34.7069"W | 9862.14           | 155.965         | 1.73          | -1.29                | -1.15               |          |
| 14709.00                     | 92.120          | 158.620     | 6178.02  | 9929.02        | -9094.49   | 4051.26   | 1642435.94        | 14306181.80        | 39°23'46.2194"N | 80°59'34.2686"W | 9956.03           | 155.989         | 3.80          | 3.80                 | 0.22                |          |
| 14804.00                     | 89.880          | 158.910     | 6176.36  | 10023.97       | -9183.02   | 4085.66   | 1642470.32        | 14306093.31        | 39°23'45.3444"N | 80°59'33.8305"W | 10050.90          | 156.015         | 2.38          | -2.36                | 0.31                |          |
| 14899.00                     | 89.320          | 158.760     | 6177.02  | 10118.94       | -9271.61   | 4119.96   | 1642504.61        | 14306004.76        | 39°23'44.4688"N | 80°59'33.3936"W | 10145.78          | 156.041         | 0.61          | -0.59                | -0.16               |          |
| 14993.00                     | 89.600          | 158.710     | 6177.91  | 10212.90       | -9359.21   | 4154.05   | 1642538.69        | 14305917.19        | 39°23'43.6030"N | 80°59'32.9595"W | 10239.67          | 156.066         | 0.30          | 0.30                 | -0.05               |          |
| 15088.00                     | 89.720          | 158.970     | 6178.47  | 10307.87       | -9447.80   | 4188.34   | 1642572.96        | 14305828.64        | 39°23'42.7274"N | 80°59'32.5228"W | 10334.56          | 156.092         | 0.30          | 0.13                 | 0.27                |          |
| 15183.00                     | 88.740          | 158.300     | 6179.75  | 10402.83       | -9536.26   | 4222.94   | 1642607.56        | 14305740.21        | 39°23'41.8530"N | 80°59'32.0821"W | 10429.46          | 156.115         | 1.25          | -1.03                | -0.71               |          |
| 15278.00                     | 89.880          | 158.390     | 6180.89  | 10497.77       | -9624.55   | 4258.00   | 1642642.60        | 14305651.96        | 39°23'40.9804"N | 80°59'31.6357"W | 10524.38          | 156.135         | 1.20          | 1.20                 | 0.09                |          |
| 15373.00                     | 90.120          | 159.030     | 6180.89  | 10592.74       | -9713.07   | 4292.49   | 1642677.08        | 14305563.48        | 39°23'40.1055"N | 80°59'31.1964"W | 10619.28          | 156.158         | 0.72          | 0.25                 | 0.67                |          |
| 15467.00                     | 90.060          | 160.400     | 6180.75  | 10686.73       | -9801.23   | 4325.08   | 1642709.65        | 14305475.35        | 39°23'39.2341"N | 80°59'30.7815"W | 10713.10          | 156.189         | 1.46          | -0.06                | 1.46                |          |
| 15562.00                     | 89.050          | 160.670     | 6181.48  | 10781.72       | -9890.80   | 4356.73   | 1642741.29        | 14305385.82        | 39°23'38.3488"N | 80°59'30.3784"W | 10807.82          | 156.227         | 1.10          | -1.06                | 0.28                |          |
| 15657.00                     | 89.750          | 160.700     | 6182.48  | 10876.71       | -9980.45   | 4388.15   | 1642772.70        | 14305296.20        | 39°23'37.4628"N | 80°59'29.9782"W | 10902.53          | 156.266         | 0.74          | 0.74                 | 0.03                |          |
| 15752.00                     | 89.050          | 159.360     | 6183.47  | 10971.71       | -10069.73  | 4420.60   | 1642805.13        | 14305206.96        | 39°23'36.5803"N | 80°59'29.5651"W | 10997.32          | 156.299         | 1.59          | -0.74                | -1.41               |          |
| 15847.00                     | 91.970          | 162.760     | 6182.63  | 11066.67       | -10159.56  | 4451.42   | 1642835.94        | 14305117.17        | 39°23'35.6925"N | 80°59'29.1726"W | 11091.97          | 156.339         | 4.72          | 3.07                 | 3.58                |          |
| 15942.00                     | 89.510          | 161.320     | 6181.40  | 11161.60       | -10249.91  | 4480.71   | 1642865.22        | 14305026.85        | 39°23'34.7994"N | 80°59'28.7996"W | 11186.49          | 156.388         | 3.00          | -2.59                | -1.52               |          |
| 16037.00                     | 89.630          | 161.320     | 6182.11  | 11256.58       | -10339.90  | 4511.14   | 1642895.63        | 14304936.89        | 39°23'33.9099"N | 80°59'28.4122"W | 11281.13          | 156.429         | 0.13          | 0.13                 | 0.00                |          |
| 16132.00                     | 89.450          | 160.560     | 6182.88  | 11351.57       | -10429.69  | 4542.16   | 1642926.64        | 14304847.14        | 39°23'33.0225"N | 80°59'28.0172"W | 11375.84          | 156.467         | 0.82          | -0.19                | -0.80               |          |
| 16226.00                     | 89.880          | 160.860     | 6183.43  | 11445.56       | -10518.41  | 4573.21   | 1642957.68        | 14304758.45        | 39°23'32.1456"N | 80°59'27.6218"W | 11469.58          | 156.501         | 0.56          | 0.46                 | 0.32                |          |
| 16321.00                     | 89.820          | 160.800     | 6183.68  | 11540.56       | -10608.15  | 4604.41   | 1642988.87        | 14304668.76        | 39°23'31.2587"N | 80°59'27.2246"W | 11564.31          | 156.537         | 0.09          | -0.06                | -0.06               |          |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 8 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |          |                    |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field                             | Tyler                        | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |          |                    |

| WELLPATH DATA (197 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                   |
| 16416.00  | 89.080          | 160.300     | 6184.59  | 11635.55       | -10697.72  | 4636.04   | 1643020.49        | 14304579.22        | 39°23'30.3733"N | 80°59'26.8218"W | 11659.08          | 156.570         | 0.94          | -0.78                | -0.53               |                            |
| 16511.00  | 89.750          | 159.970     | 6185.56  | 11730.55       | -10787.06  | 4668.32   | 1643052.75        | 14304489.92        | 39°23'29.4903"N | 80°59'26.4108"W | 11753.89          | 156.598         | 0.79          | 0.71                 | -0.35               |                            |
| 16606.00  | 89.820          | 160.990     | 6185.91  | 11825.54       | -10876.60  | 4700.06   | 1643084.48        | 14304400.41        | 39°23'28.6053"N | 80°59'26.0066"W | 11848.67          | 156.630         | 1.08          | 0.07                 | 1.07                |                            |
| 16700.00  | 89.540          | 161.250     | 6186.44  | 11919.53       | -10965.54  | 4730.48   | 1643114.89        | 14304311.51        | 39°23'27.7262"N | 80°59'25.6193"W | 11942.38          | 156.665         | 0.41          | -0.30                | 0.28                |                            |
| 16794.00  | 89.480          | 160.780     | 6187.24  | 12013.52       | -11054.42  | 4761.06   | 1643145.45        | 14304222.66        | 39°23'26.8477"N | 80°59'25.2299"W | 12036.11          | 156.699         | 0.50          | -0.06                | -0.50               |                            |
| 16889.00  | 88.770          | 161.710     | 6188.69  | 12108.49       | -11144.37  | 4791.60   | 1643175.98        | 14304132.75        | 39°23'25.9587"N | 80°59'24.8411"W | 12130.80          | 156.734         | 1.23          | -0.75                | 0.98                |                            |
| 16983.00  | 89.850          | 160.360     | 6189.83  | 12202.47       | -11233.25  | 4822.14   | 1643206.51        | 14304043.90        | 39°23'25.0802"N | 80°59'24.4521"W | 12224.53          | 156.767         | 1.84          | 1.15                 | -1.44               |                            |
| 17077.00  | 89.020          | 161.310     | 6190.75  | 12296.46       | -11322.04  | 4853.00   | 1643237.36        | 14303955.15        | 39°23'24.2026"N | 80°59'24.0592"W | 12318.29          | 156.798         | 1.34          | -0.88                | 1.01                |                            |
| 17172.00  | 88.980          | 160.940     | 6192.41  | 12391.43       | -11411.92  | 4883.73   | 1643268.07        | 14303865.31        | 39°23'23.3143"N | 80°59'23.6680"W | 12413.00          | 156.832         | 0.39          | -0.04                | -0.39               |                            |
| 17266.00  | 89.110          | 160.900     | 6193.98  | 12485.41       | -11500.74  | 4914.45   | 1643298.79        | 14303776.52        | 39°23'22.4363"N | 80°59'23.2768"W | 12506.75          | 156.862         | 0.14          | 0.14                 | -0.04               |                            |
| 17361.00  | 88.610          | 160.480     | 6195.87  | 12580.39       | -11590.38  | 4945.86   | 1643330.18        | 14303686.92        | 39°23'21.5504"N | 80°59'22.8769"W | 12601.52          | 156.891         | 0.69          | -0.53                | -0.44               |                            |
| 17456.00  | 89.200          | 160.680     | 6197.68  | 12675.37       | -11679.96  | 4977.44   | 1643361.75        | 14303597.38        | 39°23'20.6650"N | 80°59'22.4748"W | 12696.31          | 156.919         | 0.66          | 0.62                 | 0.21                |                            |
| 17551.00  | 89.200          | 160.900     | 6199.01  | 12770.35       | -11769.66  | 5008.69   | 1643392.99        | 14303507.71        | 39°23'19.7784"N | 80°59'22.0768"W | 12791.09          | 156.947         | 0.23          | 0.00                 | 0.23                |                            |
| 17646.00  | 89.450          | 160.770     | 6200.13  | 12865.34       | -11859.39  | 5039.88   | 1643424.16        | 14303418.02        | 39°23'18.8915"N | 80°59'21.6798"W | 12885.86          | 156.976         | 0.30          | 0.26                 | -0.14               |                            |
| 17740.00  | 89.600          | 160.940     | 6200.91  | 12959.33       | -11948.18  | 5070.71   | 1643454.98        | 14303329.26        | 39°23'18.0138"N | 80°59'21.2873"W | 12979.64          | 157.004         | 0.24          | 0.16                 | 0.18                |                            |
| 17787.00  | 89.290          | 160.830     | 6201.36  | 13006.33       | -11992.59  | 5086.10   | 1643470.36        | 14303284.87        | 39°23'17.5749"N | 80°59'21.0913"W | 13026.53          | 157.018         | 0.70          | -0.66                | -0.23               |                            |
| 17812.00‡   | 89.290          | 160.830     | 6201.67  | 13031.32       | -12016.20  | 5094.31   | 1643478.57        | 14303261.27        | 39°23'17.3415"N | 80°59'20.9868"W | 13051.48          | 157.025         | 0.00          | 0.00                 | 0.00                | Projected MD at TD: 17812' |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 9 of 11



### REFERENCE WELLPATH IDENTIFICATION

|          |                              |          |                    |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field    | Tyler                        | API      | 47-095-02811-0000  |
| Facility | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot     | Slot E                       |          |                    |

### HOLE & CASING SECTIONS - Ref Wellbore: Little Unit 1H AWB Ref Wellpath: Little Unit 1H AWP Proj: 17812'

| 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           | -0.34        | -0.05        |
| 17.5in Open Hole            | 130.00        | 614.00      | 484.00        | 130.00         | 614.00       | -0.34          | -0.05          | -1.44        | 1.06         |
| 13.375in Casing Surface     | 30.00         | 599.00      | 569.00        | 30.00          | 599.00       | 0.00           | 0.00           | -1.35        | 0.99         |
| 12.25in Open Hole           | 614.00        | 3329.00     | 2715.00       | 614.00         | 3230.32      | -1.44          | 1.06           | -495.12      | 462.11       |
| 9.625in Casing Intermediate | 30.00         | 3309.00     | 3279.00       | 30.00          | 3211.20      | 0.00           | 0.00           | -490.32      | 458.72       |
| 8.75in Open Hole            | 3329.00       | 5848.00     | 2519.00       | 3230.32        | 5629.58      | -495.12        | 462.11         | -1036.80     | 1001.39      |
| 8.5in Open Hole             | 5848.00       | 17812.00    | 11964.00      | 5629.58        | 6201.67      | -1036.80       | 1001.39        | -12016.20    | 5094.31      |
| 5.5in Casing Production     | 30.00         | 17792.00    | 17762.00      | 30.00          | 6201.42      | 0.00           | 0.00           | -11997.31    | 5087.74      |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'  
Page 10 of 11



### REFERENCE WELLPATH IDENTIFICATION

|          |                              |          |                    |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field    | Tyler                        | API      | 47-095-02811-0000  |
| Facility | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot     | Slot E                       |          |                    |

### TARGETS

| Name                                   | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Shape     |
|--|----------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-----------|
| Little Unit 1H POE Rev-3               | 6085.00  | -1434.35   | 1228.28   | 1639614.10        | 14313838.87        | 39°25'1.9293"N  | 81°00'10.2301"W | point     |
| Little Unit 1H LP Rev-3                | 6134.00  | -1657.07   | 1355.78   | 1639741.55        | 14313616.24        | 39°24'59.7281"N | 81°00'8.6055"W  | point     |
| Little Unit 1H AZI Rev-3               | 6135.75  | -1959.23   | 1495.34   | 1639881.04        | 14313314.20        | 39°24'56.7417"N | 81°00'6.8273"W  | point     |
| Little Unit 1H BHL Rev-4               | 6191.80  | -12031.06  | 5119.64   | 1643503.89        | 14303246.42        | 39°23'17.1947"N | 80°59'20.6642"W | point     |
| Little Unit 1H BHL Rev-3               | 6192.76  | -12210.48  | 5184.20   | 1643568.43        | 14303067.07        | 39°23'15.4213"N | 80°59'19.8422"W | point     |
| Little Unit 1H 50' L/R Hard Line Rev-2 | 6250.00  | -6995.15   | 3307.49   | 1641692.47        | 14308280.31        | 39°24'6.9689"N  | 80°59'43.7412"W | rectangle |
| 2D Rectangle 10704.1 x 100.            |          |            |           |                   |                    |                 |                 |           |

### WELLPATH COMPOSITION - Ref Wellbore: Little Unit 1H AWB Ref Wellpath: Little Unit 1H AWP Proj: 17812'

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model                           | Log Name/Comment                              | Wellbore           | Survey Date |
|---------------|-------------|--|---|--------------------|-------------|
| 30.00         | 643.00      | Gyrodata 2015 - GC+WIR+DPIPE                           | 01 Gyrodata MS Gyro <17-1/2"> (100'-643')     | Little Unit 1H AWB | 1/24/2023   |
| 643.00        | 3255.00     | BH NaviTrak (2019) (Axial Corr+HRGM)                   | 02 APS EM <12-1/4"> (643')(771'-3255')        | Little Unit 1H AWB | 1/24/2023   |
| 3255.00       | 5775.00     | BH NaviTrak (2019) (Axial Corr+HRGM)                   | 03 APS EM <8-3/4"> (3255')(3310'-5775')       | Little Unit 1H AWB | 2/4/2023    |
| 5775.00       | 17812.00    | BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing) | 04 BH AT Curve <8-1/2"> (5775')(5902'-17787') | Little Unit 1H AWB | 2/4/2023    |

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# Actual Wellpath Report

Little Unit 1H AWP Proj: 17812'

Page 11 of 11



| REFERENCE WELLPATH IDENTIFICATION |                              |          |                    |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator                          | ANTERO RESOURCES CORPORATION | Well     | Little Unit 1H     |
| Field                             | Tyler                        | API      | 47-095-02811-0000  |
| Facility                          | Wrigley Pad                  | Wellbore | Little Unit 1H AWB |
| Slot                              | Slot E                       |          |                    |

| COMMENTS  |
|---|
| <p><b>Wellpath general comments</b><br/>           API: 47-095-02811-0000<br/>           BH Job #: 111653849<br/>           Rig: H&amp;P 531<br/>           Duration: 2/6/2023-2/10/2023<br/>           Gyrodata MS Gyro &lt;17-1/2"&gt; (100'-643')<br/>           APS EM &lt;12-1/4"&gt; (643')(771'-3255')<br/>           APS EM &lt;8-3/4"&gt; (3255')(3310'-5775')<br/>           BH AT Curve &lt;8-1/2"&gt; (5775')(5902'-17787')<br/>           Sycamore: 6141' MD<br/>           Middlesex: 6280' MD<br/>           Burkett: 6462' MD<br/>           Tully: 6514' MD<br/>           Marcellus POE: 6521' MD<br/>           Projected MD at TD: 17812'</p> |

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