



ANTERO RESOURCES CORPORATION

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

Slot: Slot L
Well: Folger Unit 2H
Wellbore: Folger Unit 2H PWB

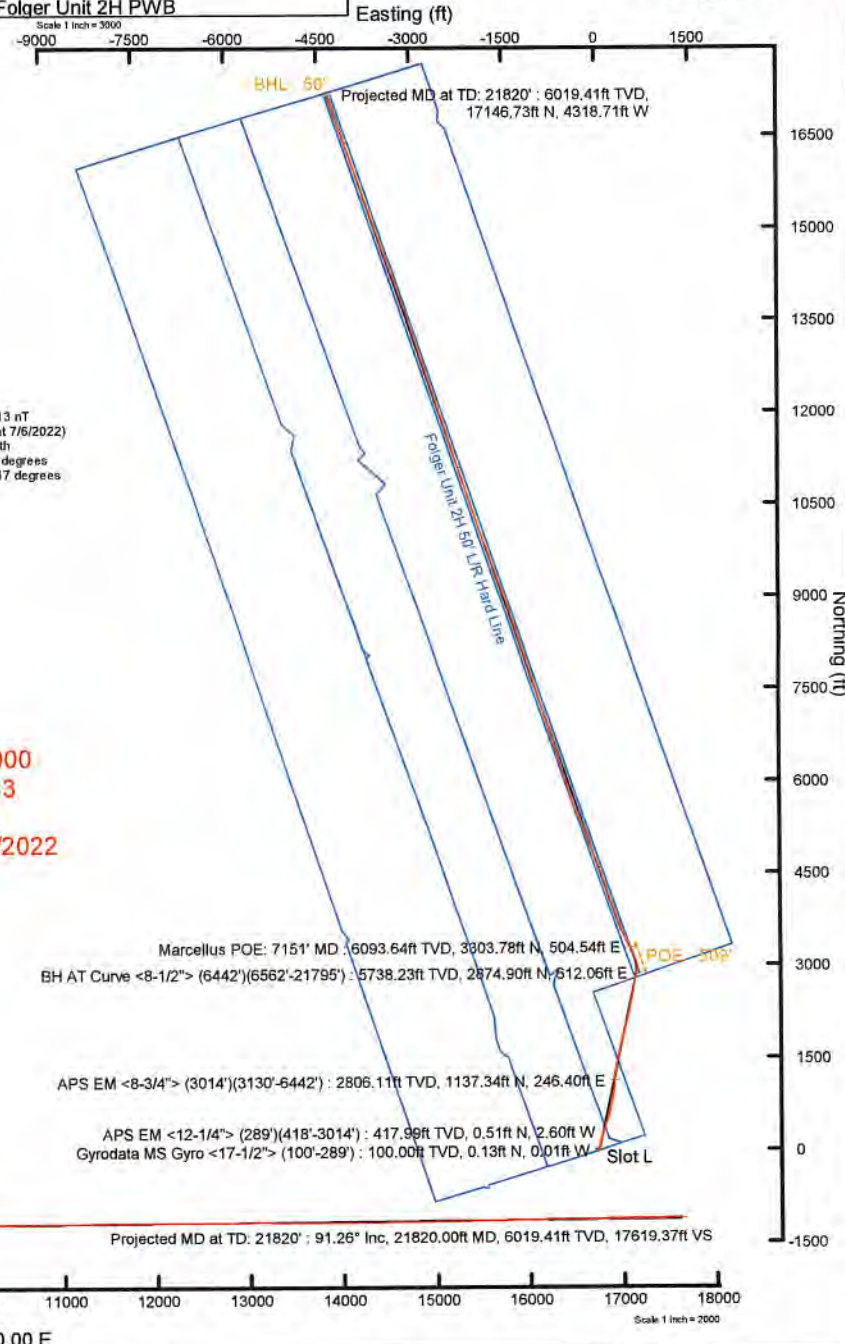
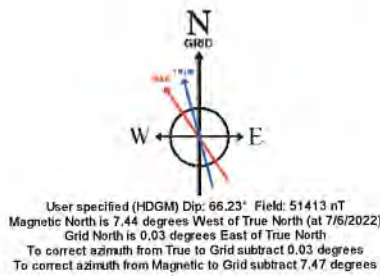
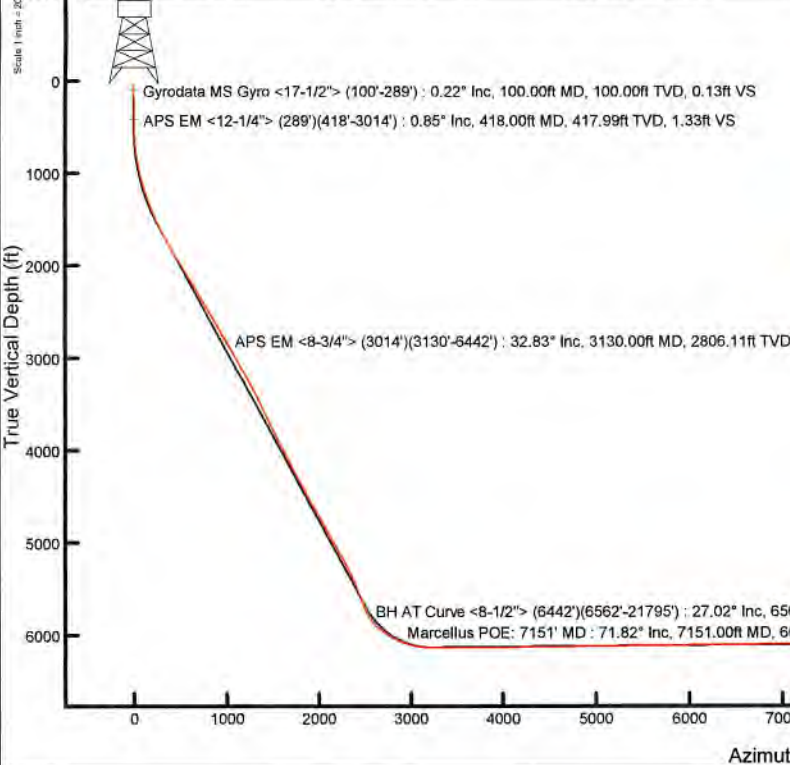


| | |
|--|--|
| Plot reference wellpath in Folger Unit 2H PWP Rev-B.0 | Grid System: NAD83 / UTM Zone 17 North, US feet |
| True vertical depth, as referenced to H&P 519 (946) | North Reference: Grid north |
| Reference wellpath measured depth, as referenced to H&P 519 (946) | Scale: True distance |
| H&P 519 (946) to Mean Sea Level: 910 feet | Coordinates are in feet referenced to Slot |
| Mean Sea Level to Ground level (At Slot: Slot L): -199 feet | Depths are in feet |
| Offset wellpath MDs are referenced to each path's default MD datum | Created by: escholar on 2022-07-21; Database: WV_MPL_EASTERN_US_Dept |

| Location Information | | | | |
|--|-------------------|--------------------|-------------------|--------------------|
| Facility Name | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude |
| Eldon Pad | 1652345.400 | 14341593.070 | 39°29'36.3190"N | 80°57'27.7430"W |
| Slot | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) |
| Slot L | 50.59 | 504.05 | 1652395.250 | 14341644.040 |
| Comment: Folger Unit 2H | | | | |
| H&P 519 (RKB) to Ground level (At Slot: Slot L) | | | | :30ft |
| Mean Sea Level to Ground level (At Slot: Slot L) | | | | :-890ft |
| H&P 519 (RKB) to Mean Sea Level | | | | :910ft |

| Well Profile Data | | | | | | | |
|-------------------|----------|---------|---------|----------|--------------|--------------|----------|
| Design Comment | MD (ft) | Inc (") | Az (°) | TVD (ft) | Local N (ft) | Local E (ft) | VS (ft) |
| Tie On | 30.00 | 0.000 | 11.828 | 30.00 | 0.00 | 0.00 | 0.00 |
| KOP 1 | 530.00 | 0.000 | 11.828 | 530.00 | 0.00 | 0.00 | 0.00 |
| End of Build | 1610.53 | 32.416 | 11.828 | 1553.80 | 291.26 | 61.00 | 255.63 |
| Curve KOP | 6544.58 | 32.416 | 11.828 | 5719.02 | 2880.07 | 603.13 | 2527.59 |
| POE | 7125.62 | 69.577 | 333.482 | 6086.00 | 3299.37 | 508.23 | 2954.97 |
| Landing PL | 7385.90 | 90.400 | 333.482 | 6131.00 | 3527.47 | 394.42 | 3207.67 |
| On AZI | 7637.37 | 90.400 | 341.026 | 6129.24 | 3759.21 | 297.26 | 3458.41 |
| BHL | 21794.37 | 90.400 | 341.026 | 6030.41 | 17146.70 | -4305.55 | 17615.06 |

| Well Data | | | |
|-----------|----------------|--------------------|---------------------------------|
| Slot | Well | Wellbore | Wellpath |
| Slot L | Folger Unit 2H | Folger Unit 2H AWB | Folger Unit 2H AWP Proj: 21820' |
| Slot L | Folger Unit 2H | Folger Unit 2H PWB | Folger Unit 2H PWP Rev-B.0 |



API: 47-095-02784-0000
BH Job #: 111394543
Rig: H&P 519
Duration: 7/9/2022-7/15/2022

Marcellus POE: 7151' MD : 6093.64ft TVD, 3903.78ft N, 504.54ft E

BH AT Curve <8-1/2"> (6442')(6562'-21795') : 5738.23ft TVD, 2874.90ft N, 612.06ft E

APS EM <8-3/4"> (3014')(3130'-6442') : 2806.11ft TVD, 1137.34ft N, 246.40ft E

APS EM <12-1/4"> (289')(418'-3014') : 417.99ft TVD, 0.51ft N, 2.60ft W

Gyrodata MS Gyro <17-1/2"> (100'-289') : 100.00ft TVD, 0.13ft N, 0.01ft W

Vertical Section (ft)
Azimuth 341.03° with reference 0.00 N, 0.00 E



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

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 | 7/21/2022 at 9:38:58 PM |
| Convergence at slot | 0.03° 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 | 50.99 | 504.05 | 1652852.25 | 14341644.04 | 39°29'36.8205"N | 80°57'21.3132"W |
| Facility Reference Pt | | | 1652348.40 | 14341593.07 | 39°29'36.3190"N | 80°57'27.7430"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 | 910.00ft |
| Horizontal Reference Pt | Slot | H&P 519 (RKB) to Mean Sea Level | 910.00ft |
| Vertical Reference Pt | H&P 519 (RKB) | H&P 519 (RKB) to Ground Level at Slot (Slot L) | 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 | 341.03° |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'

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| REFERENCE WELLPATH IDENTIFICATION | | | | |
|-----------------------------------|------------------------------|--|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | | Well | Folger Unit 2H |
| Field | Tyler | | API | 47-095-02784-0000 |
| Facility | Eldon Pad | | Wellbore | Folger Unit 2H AWP |
| Slot | Slot L | | | |

| WELLPATH DATA (237 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† | 0.00 | 355.750 | 0.00 | 0.00 | 0.00 | 0.00 | 1652852.25 | 14341644.04 | 39°29'36.8205"N | 80°57'21.3132"W | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | |
| 30.00 | 0.00 | 355.750 | 30.00 | 0.00 | 0.00 | 0.00 | 1652852.25 | 14341644.04 | 39°29'36.8205"N | 80°57'21.3132"W | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | |
| 100.00 | 0.22 | 355.750 | 100.00 | 0.13 | 0.13 | -0.01 | 1652852.24 | 14341644.17 | 39°29'36.8219"N | 80°57'21.3134"W | 0.13 | 355.750 | 0.31 | 0.31 | 0.00 | Gyrodata MS Gyro <17-1/2"> (100'-289') |
| 200.00 | 0.30 | 281.600 | 200.00 | 0.45 | 0.38 | -0.28 | 1652851.97 | 14341644.42 | 39°29'36.8243"N | 80°57'21.3168"W | 0.47 | 323.417 | 0.32 | 0.06 | -74.15 | |
| 289.00 | 0.60 | 277.530 | 289.00 | 0.78 | 0.49 | -0.97 | 1652851.28 | 14341644.53 | 39°29'36.8253"N | 80°57'21.3256"W | 1.09 | 296.594 | 0.34 | 0.34 | -4.57 | |
| 418.00 | 0.85 | 266.180 | 417.99 | 1.33 | 0.51 | -2.60 | 1652849.66 | 14341644.55 | 39°29'36.8256"N | 80°57'21.3463"W | 2.64 | 281.135 | 0.22 | 0.19 | -8.80 | APS EM <12-1/4"> (289')(418'-3014') |
| 508.00 | 1.67 | 358.830 | 507.97 | 2.75 | 1.78 | -3.29 | 1652848.96 | 14341645.82 | 39°29'36.8381"N | 80°57'21.3552"W | 3.74 | 298.396 | 2.12 | 0.91 | 102.94 | |
| 600.00 | 3.53 | 2.480 | 599.87 | 6.66 | 5.95 | -3.19 | 1652849.06 | 14341649.99 | 39°29'36.8793"N | 80°57'21.3539"W | 6.75 | 331.772 | 2.03 | 2.02 | 3.97 | |
| 690.00 | 5.97 | 10.090 | 689.56 | 13.33 | 13.33 | -2.25 | 1652850.00 | 14341657.36 | 39°29'36.9522"N | 80°57'21.3419"W | 13.51 | 350.404 | 2.79 | 2.71 | 8.46 | |
| 780.00 | 9.03 | 10.960 | 778.78 | 23.55 | 24.87 | -0.09 | 1652852.16 | 14341668.90 | 39°29'37.0663"N | 80°57'21.3142"W | 24.87 | 359.794 | 3.40 | 3.40 | 0.97 | |
| 871.00 | 11.65 | 11.310 | 868.29 | 37.67 | 40.89 | 3.07 | 1652855.32 | 14341684.92 | 39°29'37.2247"N | 80°57'21.2738"W | 41.01 | 4.294 | 2.88 | 2.88 | 0.38 | |
| 960.00 | 13.90 | 10.940 | 955.08 | 54.70 | 60.20 | 6.86 | 1652859.11 | 14341704.22 | 39°29'37.4155"N | 80°57'21.2253"W | 60.59 | 6.503 | 2.53 | 2.53 | -0.42 | |
| 1051.00 | 16.33 | 10.550 | 1042.93 | 75.31 | 83.52 | 11.28 | 1652863.53 | 14341727.52 | 39°29'37.6459"N | 80°57'21.1688"W | 84.27 | 7.692 | 2.67 | 2.67 | -0.43 | |
| 1145.00 | 18.75 | 10.980 | 1132.55 | 99.91 | 111.34 | 16.58 | 1652868.82 | 14341755.34 | 39°29'37.9209"N | 80°57'21.1011"W | 112.57 | 8.468 | 2.58 | 2.57 | 0.46 | |
| 1240.00 | 21.83 | 13.500 | 1221.65 | 128.04 | 143.51 | 23.61 | 1652875.85 | 14341787.50 | 39°29'38.2388"N | 80°57'21.0112"W | 145.44 | 9.343 | 3.37 | 3.24 | 2.65 | |
| 1335.00 | 24.28 | 15.110 | 1309.05 | 159.13 | 179.55 | 32.83 | 1652885.06 | 14341823.52 | 39°29'38.5949"N | 80°57'20.8934"W | 182.53 | 10.361 | 2.66 | 2.58 | 1.69 | |
| 1430.00 | 26.18 | 16.430 | 1394.99 | 192.39 | 218.51 | 43.85 | 1652896.08 | 14341862.47 | 39°29'38.9800"N | 80°57'20.7526"W | 222.87 | 11.346 | 2.09 | 2.00 | 1.39 | |
| 1524.00 | 28.51 | 18.080 | 1478.48 | 227.20 | 259.73 | 56.68 | 1652908.90 | 14341903.67 | 39°29'39.3873"N | 80°57'20.5887"W | 265.85 | 12.309 | 2.61 | 2.48 | 1.76 | |
| 1619.00 | 30.34 | 17.000 | 1561.22 | 264.72 | 304.24 | 70.73 | 1652922.95 | 14341948.15 | 39°29'39.8271"N | 80°57'20.4091"W | 312.35 | 13.088 | 2.01 | 1.93 | -1.14 | |
| 1714.00 | 32.11 | 16.770 | 1642.46 | 304.64 | 351.36 | 85.03 | 1652937.25 | 14341995.26 | 39°29'40.2927"N | 80°57'20.2264"W | 361.50 | 13.604 | 1.87 | 1.86 | -0.24 | |
| 1809.00 | 34.25 | 18.660 | 1721.96 | 346.31 | 400.87 | 100.87 | 1652953.08 | 14342044.75 | 39°29'40.7820"N | 80°57'20.0241"W | 413.37 | 14.124 | 2.50 | 2.25 | 1.99 | |
| 1906.00 | 35.52 | 19.700 | 1801.53 | 389.93 | 453.26 | 119.10 | 1652971.31 | 14342097.12 | 39°29'41.2997"N | 80°57'19.7912"W | 468.65 | 14.723 | 1.45 | 1.31 | 1.07 | |
| 2001.00 | 36.95 | 18.350 | 1878.16 | 434.18 | 506.35 | 137.40 | 1652989.59 | 14342150.19 | 39°29'41.8243"N | 80°57'19.5575"W | 524.66 | 15.182 | 1.72 | 1.51 | -1.42 | |
| 2096.00 | 37.76 | 16.120 | 1953.68 | 480.70 | 561.40 | 154.46 | 1653006.65 | 14342205.21 | 39°29'42.3683"N | 80°57'19.3394"W | 582.26 | 15.384 | 1.66 | 0.85 | -2.35 | |
| 2190.00 | 36.15 | 15.120 | 2028.79 | 527.21 | 615.82 | 169.69 | 1653021.87 | 14342259.61 | 39°29'42.9060"N | 80°57'19.1449"W | 638.77 | 15.405 | 1.83 | -1.71 | -1.08 | |
| 2285.00 | 35.47 | 13.190 | 2105.83 | 573.75 | 669.70 | 183.29 | 1653035.46 | 14342313.48 | 39°29'43.4386"N | 80°57'18.9711"W | 694.33 | 15.306 | 1.39 | -0.72 | -2.03 | |
| 2379.00 | 35.62 | 10.950 | 2182.32 | 620.57 | 723.14 | 194.71 | 1653046.88 | 14342366.88 | 39°29'43.9666"N | 80°57'18.8250"W | 748.89 | 15.070 | 1.39 | 0.16 | -2.38 | |
| 2473.00 | 36.41 | 10.320 | 2258.35 | 668.62 | 777.46 | 204.91 | 1653057.07 | 14342421.18 | 39°29'44.5034"N | 80°57'18.6946"W | 804.01 | 14.765 | 0.93 | 0.84 | -0.67 | |
| 2570.00 | 34.74 | 9.960 | 2337.25 | 717.92 | 833.00 | 214.84 | 1653067.01 | 14342476.71 | 39°29'45.0524"N | 80°57'18.5675"W | 860.26 | 14.462 | 1.74 | -1.72 | -0.37 | |
| 2664.00 | 33.49 | 7.520 | 2415.07 | 764.58 | 885.10 | 222.87 | 1653075.03 | 14342528.78 | 39°29'45.5672"N | 80°57'18.4648"W | 912.73 | 14.133 | 1.97 | -1.33 | -2.60 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

| WELLPATH DATA (237 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 | |
| 2758.00 | 33.410 | 5.890 | 2493.50 | 811.27 | 936.55 | 228.92 | 1653081.08 | 14342580.22 | 39°29'46.0757"N | 80°57'18.3873"W | 964.13 | 13.735 | 0.96 | -0.09 | -1.73 | | |
| 2853.00 | 32.950 | 6.300 | 2573.01 | 858.37 | 988.25 | 234.44 | 1653086.60 | 14342631.89 | 39°29'46.5866"N | 80°57'18.3165"W | 1015.68 | 13.345 | 0.54 | -0.48 | 0.43 | | |
| 2947.00 | 32.570 | 6.090 | 2652.06 | 904.40 | 1038.82 | 239.93 | 1653092.08 | 14342682.44 | 39°29'47.0864"N | 80°57'18.2462"W | 1066.17 | 13.005 | 0.42 | -0.40 | -0.22 | | |
| 3014.00 | 32.620 | 5.040 | 2708.51 | 937.24 | 1074.74 | 243.43 | 1653095.58 | 14342718.35 | 39°29'47.4414"N | 80°57'18.2013"W | 1101.96 | 12.762 | 0.85 | 0.07 | -1.57 | | |
| 3130.00 | 32.830 | 0.400 | 2806.11 | 995.47 | 1137.34 | 246.40 | 1653098.55 | 14342780.92 | 39°29'48.0601"N | 80°57'18.1631"W | 1163.72 | 12.224 | 2.17 | 0.18 | -4.00 | APS EM <8-3/4"> (3014')(3130'-6442') | |
| 3225.00 | 32.280 | 2.000 | 2886.19 | 1043.46 | 1188.44 | 247.46 | 1653099.61 | 14342832.01 | 39°29'48.5652"N | 80°57'18.1492"W | 1213.93 | 11.762 | 1.08 | -0.58 | 1.68 | | |
| 3320.00 | 32.260 | 7.930 | 2966.54 | 1089.77 | 1238.92 | 251.85 | 1653103.99 | 14342882.46 | 39°29'49.0640"N | 80°57'18.0929"W | 1264.26 | 11.490 | 3.33 | -0.02 | 6.24 | | |
| 3414.00 | 32.730 | 11.370 | 3045.83 | 1134.07 | 1288.69 | 260.32 | 1653112.46 | 14342932.21 | 39°29'49.5558"N | 80°57'17.9845"W | 1314.71 | 11.420 | 2.03 | 0.50 | 3.66 | | |
| 3509.00 | 32.530 | 8.140 | 3125.84 | 1178.98 | 1339.15 | 269.00 | 1653121.14 | 14342982.65 | 39°29'50.0546"N | 80°57'17.8735"W | 1365.90 | 11.358 | 1.85 | -0.21 | -3.40 | | |
| 3604.00 | 31.990 | 9.970 | 3206.18 | 1223.74 | 1389.22 | 276.97 | 1653129.11 | 14343032.71 | 39°29'50.5494"N | 80°57'17.7714"W | 1416.57 | 11.275 | 1.17 | -0.57 | 1.93 | | |
| 3698.00 | 31.870 | 13.510 | 3285.96 | 1266.47 | 1437.88 | 287.08 | 1653139.22 | 14343081.34 | 39°29'51.0302"N | 80°57'17.6422"W | 1466.26 | 11.291 | 2.00 | -0.13 | 3.77 | | |
| 3793.00 | 31.460 | 14.890 | 3366.82 | 1308.21 | 1486.23 | 299.31 | 1653151.44 | 14343129.67 | 39°29'51.5080"N | 80°57'17.4859"W | 1516.06 | 11.386 | 0.88 | -0.43 | 1.45 | | |
| 3888.00 | 30.260 | 16.110 | 3448.37 | 1348.39 | 1533.18 | 312.32 | 1653164.45 | 14343176.61 | 39°29'51.9720"N | 80°57'17.3196"W | 1564.67 | 11.514 | 1.42 | -1.26 | 1.28 | | |
| 3982.00 | 29.300 | 12.820 | 3529.96 | 1387.32 | 1578.37 | 324.00 | 1653176.12 | 14343221.77 | 39°29'52.4185"N | 80°57'17.1703"W | 1611.28 | 11.600 | 2.02 | -1.02 | -3.50 | | |
| 4077.00 | 30.220 | 13.050 | 3612.43 | 1427.35 | 1624.33 | 334.56 | 1653186.67 | 14343267.71 | 39°29'52.8727"N | 80°57'17.0354"W | 1658.42 | 11.638 | 0.98 | 0.97 | 0.24 | | |
| 4172.00 | 31.330 | 13.860 | 3694.05 | 1468.38 | 1671.60 | 345.87 | 1653197.98 | 14343314.97 | 39°29'53.3398"N | 80°57'16.8907"W | 1707.00 | 11.690 | 1.25 | 1.17 | 0.85 | | |
| 4266.00 | 30.050 | 10.490 | 3774.89 | 1509.41 | 1718.47 | 356.01 | 1653208.12 | 14343361.82 | 39°29'53.8031"N | 80°57'16.7611"W | 1754.96 | 11.704 | 2.28 | -1.36 | -3.59 | | |
| 4361.00 | 29.770 | 12.200 | 3857.24 | 1550.30 | 1764.91 | 365.33 | 1653217.43 | 14343408.24 | 39°29'54.2620"N | 80°57'16.6419"W | 1802.33 | 11.695 | 0.94 | -0.29 | 1.80 | | |
| 4455.00 | 32.440 | 17.580 | 3937.73 | 1590.54 | 1811.77 | 377.88 | 1653229.98 | 14343455.09 | 39°29'54.7251"N | 80°57'16.4815"W | 1850.76 | 11.781 | 4.10 | 2.84 | 5.72 | | |
| 4550.00 | 32.680 | 16.030 | 4017.80 | 1632.02 | 1860.71 | 392.66 | 1653244.75 | 14343504.01 | 39°29'55.2087"N | 80°57'16.2927"W | 1901.69 | 11.916 | 0.91 | 0.25 | -1.63 | | |
| 4645.00 | 30.890 | 11.850 | 4098.58 | 1673.98 | 1909.24 | 404.75 | 1653256.84 | 14343552.51 | 39°29'55.6883"N | 80°57'16.1381"W | 1951.67 | 11.969 | 2.99 | -1.88 | -4.40 | | |
| 4739.00 | 30.910 | 11.220 | 4179.22 | 1715.57 | 1956.54 | 414.40 | 1653266.49 | 14343599.79 | 39°29'56.1557"N | 80°57'16.0147"W | 1999.94 | 11.959 | 0.34 | 0.02 | -0.67 | | |
| 4834.00 | 33.090 | 13.200 | 4259.78 | 1758.61 | 2005.73 | 425.07 | 1653277.15 | 14343648.96 | 39°29'56.6418"N | 80°57'15.8782"W | 2050.28 | 11.966 | 2.55 | 2.29 | 2.08 | | |
| 4928.00 | 34.850 | 16.840 | 4337.74 | 1802.12 | 2056.42 | 438.72 | 1653290.79 | 14343699.64 | 39°29'57.1428"N | 80°57'15.7039"W | 2102.70 | 12.043 | 2.86 | 1.87 | 3.87 | | |
| 5023.00 | 33.130 | 12.700 | 4416.52 | 1846.24 | 2107.74 | 452.29 | 1653304.36 | 14343750.93 | 39°29'57.6499"N | 80°57'15.5304"W | 2155.72 | 12.111 | 3.03 | -1.81 | -4.36 | | |
| 5118.00 | 32.250 | 12.380 | 4496.47 | 1889.98 | 2157.82 | 463.43 | 1653315.49 | 14343801.00 | 39°29'58.1448"N | 80°57'15.3879"W | 2207.03 | 12.121 | 0.94 | -0.93 | -0.34 | | |
| 5213.00 | 33.530 | 13.430 | 4576.24 | 1933.78 | 2208.10 | 474.96 | 1653327.02 | 14343851.26 | 39°29'58.6417"N | 80°57'15.2406"W | 2258.61 | 12.139 | 1.47 | 1.35 | 1.11 | | |
| 5307.00 | 32.350 | 11.120 | 4655.13 | 1977.47 | 2258.04 | 485.84 | 1653337.90 | 14343901.17 | 39°29'59.1351"N | 80°57'15.1014"W | 2309.71 | 12.143 | 1.83 | -1.26 | -2.46 | | |
| 5402.00 | 31.940 | 9.320 | 4735.57 | 2021.59 | 2307.77 | 494.81 | 1653346.86 | 14343950.89 | 39°29'59.6267"N | 80°57'14.9867"W | 2360.22 | 12.102 | 1.10 | -0.43 | -1.89 | | |
| 5496.00 | 32.150 | 10.580 | 4815.25 | 2065.24 | 2356.90 | 503.43 | 1653355.48 | 14343999.99 | 39°30'0.1121"N | 80°57'14.8764"W | 2410.06 | 12.057 | 0.75 | 0.22 | 1.34 | | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

WELLPATH DATA (237 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 |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|--|
| 5591.00 | 33.680 | 11.880 | 4895.00 | 2109.85 | 2407.52 | 513.50 | 1653365.54 | 14344050.60 | 39°30'0.6124"N | 80°57'14.7477"W | 2461.68 | 12.040 | 1.77 | 1.61 | 1.37 | |
| 5685.00 | 32.720 | 10.280 | 4973.65 | 2154.39 | 2458.03 | 523.40 | 1653375.43 | 14344101.08 | 39°30'1.1115"N | 80°57'14.6210"W | 2513.14 | 12.021 | 1.38 | -1.02 | -1.70 | |
| 5780.00 | 32.820 | 10.160 | 5053.53 | 2199.28 | 2508.63 | 532.52 | 1653384.55 | 14344151.67 | 39°30'1.6116"N | 80°57'14.5043"W | 2564.53 | 11.985 | 0.13 | 0.11 | -0.13 | |
| 5875.00 | 34.230 | 12.470 | 5132.73 | 2244.57 | 2560.07 | 542.83 | 1653394.86 | 14344203.08 | 39°30'2.1199"N | 80°57'14.3724"W | 2616.99 | 11.972 | 2.00 | 1.48 | 2.43 | |
| 5969.00 | 32.760 | 12.260 | 5211.12 | 2288.88 | 2610.74 | 553.94 | 1653405.97 | 14344253.73 | 39°30'2.6207"N | 80°57'14.2304"W | 2668.86 | 11.979 | 1.57 | -1.56 | -0.22 | |
| 6064.00 | 29.850 | 7.410 | 5292.29 | 2332.05 | 2659.32 | 562.45 | 1653414.47 | 14344302.29 | 39°30'3.1008"N | 80°57'14.1215"W | 2718.15 | 11.942 | 4.05 | -3.06 | -5.11 | |
| 6158.00 | 27.650 | 11.640 | 5374.71 | 2371.79 | 2703.89 | 569.87 | 1653421.89 | 14344346.84 | 39°30'3.5412"N | 80°57'14.0266"W | 2763.29 | 11.901 | 3.19 | -2.34 | 4.50 | |
| 6253.00 | 25.930 | 12.390 | 5459.51 | 2408.50 | 2745.77 | 578.77 | 1653430.79 | 14344388.71 | 39°30'3.9551"N | 80°57'13.9127"W | 2806.11 | 11.903 | 1.85 | -1.81 | 0.79 | |
| 6348.00 | 25.050 | 14.930 | 5545.26 | 2442.93 | 2785.49 | 588.41 | 1653440.43 | 14344428.41 | 39°30'4.3476"N | 80°57'13.7895"W | 2846.96 | 11.928 | 1.48 | -0.93 | 2.67 | |
| 6442.00 | 25.060 | 14.850 | 5630.42 | 2475.99 | 2823.96 | 598.64 | 1653450.65 | 14344466.87 | 39°30'4.7278"N | 80°57'13.6587"W | 2886.72 | 11.969 | 0.04 | 0.01 | -0.09 | |
| 6562.00 | 27.020 | 14.670 | 5738.23 | 2519.80 | 2874.90 | 612.06 | 1653464.06 | 14344517.79 | 39°30'5.2312"N | 80°57'13.4872"W | 2939.33 | 12.019 | 1.63 | 1.63 | -0.15 | BH AT Curve <8-1/2"> (6442')(6562'-21795') |
| 6657.00 | 35.870 | 3.570 | 5819.27 | 2563.59 | 2923.69 | 619.28 | 1653471.28 | 14344566.56 | 39°30'5.7134"N | 80°57'13.3948"W | 2988.56 | 11.959 | 11.10 | 9.32 | -11.68 | |
| 6746.00† | 44.508 | 353.161 | 5887.27 | 2618.34 | 2980.86 | 617.18 | 1653469.18 | 14344623.71 | 39°30'6.2784"N | 80°57'13.4212"W | 3044.09 | 11.698 | 12.27 | 9.71 | -11.70 | Sycamore: 6746' MD |
| 6752.00 | 45.120 | 352.580 | 5891.53 | 2622.48 | 2985.06 | 616.66 | 1653468.66 | 14344627.90 | 39°30'6.3199"N | 80°57'13.4279"W | 3048.09 | 11.672 | 12.27 | 10.20 | -9.68 | |
| 6847.00 | 52.130 | 346.530 | 5954.31 | 2692.91 | 3055.03 | 603.55 | 1653455.56 | 14344697.84 | 39°30'7.0115"N | 80°57'13.5946"W | 3114.07 | 11.175 | 8.79 | 7.38 | -6.37 | |
| 6902.00† | 56.142 | 343.433 | 5986.53 | 2737.36 | 3098.05 | 591.98 | 1653443.99 | 14344740.85 | 39°30'7.4368"N | 80°57'13.7420"W | 3154.10 | 10.818 | 8.60 | 7.29 | -5.63 | Middlesex: 6902' MD |
| 6941.00 | 59.030 | 341.410 | 6007.44 | 2770.26 | 3129.43 | 582.03 | 1653434.04 | 14344772.21 | 39°30'7.7469"N | 80°57'13.8687"W | 3183.09 | 10.536 | 8.60 | 7.41 | -5.19 | |
| 7036.00 | 65.580 | 336.480 | 6051.59 | 2854.24 | 3207.81 | 551.74 | 1653403.76 | 14344850.56 | 39°30'8.5218"N | 80°57'14.2546"W | 3254.91 | 9.759 | 8.28 | 6.89 | -5.19 | |
| 7076.00† | 67.608 | 334.549 | 6067.48 | 2890.77 | 3241.21 | 536.52 | 1653388.55 | 14344883.95 | 39°30'8.8520"N | 80°57'14.4485"W | 3285.32 | 9.399 | 6.73 | 5.07 | -4.83 | Burkett: 7076' MD |
| 7130.00 | 70.380 | 332.030 | 6086.84 | 2940.71 | 3286.23 | 513.86 | 1653365.90 | 14344928.95 | 39°30'9.2970"N | 80°57'14.7374"W | 3326.16 | 8.887 | 6.73 | 5.13 | -4.67 | |
| 7151.00† | 71.821 | 332.080 | 6093.64 | 2960.34 | 3303.78 | 504.54 | 1653356.59 | 14344946.49 | 39°30'9.4705"N | 80°57'14.8560"W | 3342.09 | 8.683 | 6.87 | 6.86 | 0.24 | Marcellus POE: 7151' MD |
| 7225.00 | 76.900 | 332.250 | 6113.58 | 3030.72 | 3366.78 | 471.28 | 1653323.34 | 14345009.46 | 39°30'10.0933"N | 80°57'15.2799"W | 3399.60 | 7.969 | 6.87 | 6.86 | 0.23 | |
| 7320.00 | 83.620 | 336.270 | 6129.65 | 3123.63 | 3451.07 | 430.68 | 1653282.76 | 14345093.72 | 39°30'10.9265"N | 80°57'15.7973"W | 3477.84 | 7.114 | 8.21 | 7.07 | 4.23 | |
| 7415.00 | 88.860 | 336.080 | 6135.88 | 3218.05 | 3537.75 | 392.40 | 1653244.50 | 14345180.37 | 39°30'11.7835"N | 80°57'16.2851"W | 3559.45 | 6.329 | 5.52 | 5.52 | -0.20 | |
| 7509.00 | 90.550 | 339.250 | 6136.36 | 3311.87 | 3624.68 | 356.69 | 1653208.79 | 14345267.27 | 39°30'12.6429"N | 80°57'16.7402"W | 3642.19 | 5.620 | 3.82 | 1.80 | 3.37 | |
| 7604.00 | 90.520 | 339.140 | 6135.48 | 3406.82 | 3713.49 | 322.95 | 1653175.07 | 14345356.03 | 39°30'13.5207"N | 80°57'17.1701"W | 3727.50 | 4.970 | 0.12 | -0.03 | -0.12 | |
| 7699.00 | 90.400 | 341.170 | 6134.71 | 3501.80 | 3802.84 | 290.70 | 1653142.83 | 14345445.35 | 39°30'14.4039"N | 80°57'17.5809"W | 3813.93 | 4.371 | 2.14 | -0.13 | 2.14 | |
| 7793.00 | 90.400 | 340.980 | 6134.06 | 3595.80 | 3891.75 | 260.21 | 1653112.36 | 14345534.23 | 39°30'15.2829"N | 80°57'17.9693"W | 3900.44 | 3.825 | 0.20 | 0.00 | -0.20 | |
| 7887.00 | 90.250 | 341.730 | 6133.52 | 3689.80 | 3980.82 | 230.16 | 1653082.32 | 14345623.26 | 39°30'16.1633"N | 80°57'18.3521"W | 3987.47 | 3.309 | 0.81 | -0.16 | 0.80 | |
| 7982.00 | 90.430 | 341.300 | 6132.96 | 3784.79 | 4070.91 | 200.04 | 1653052.21 | 14345713.32 | 39°30'17.0539"N | 80°57'18.7358"W | 4075.83 | 2.813 | 0.49 | 0.19 | -0.45 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

WELLPATH DATA (237 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 |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| 8077.00 | 90.400 | 341.940 | 6132.27 | 3879.78 | 4161.07 | 170.09 | 1653022.27 | 14345803.43 | 39°30'17.9450"N | 80°57'19.1173"W | 4164.54 | 2.341 | 0.67 | -0.03 | 0.67 | |
| 8171.00 | 90.400 | 341.270 | 6131.62 | 3973.78 | 4250.26 | 140.42 | 1652992.62 | 14345892.59 | 39°30'18.8267"N | 80°57'19.4952"W | 4252.58 | 1.892 | 0.71 | 0.00 | -0.71 | |
| 8266.00 | 90.150 | 340.510 | 6131.16 | 4068.77 | 4340.02 | 109.32 | 1652961.53 | 14345982.32 | 39°30'19.7140"N | 80°57'19.8914"W | 4341.40 | 1.443 | 0.84 | -0.26 | -0.80 | |
| 8360.00 | 90.860 | 341.130 | 6130.33 | 4162.77 | 4428.80 | 78.44 | 1652930.66 | 14346071.06 | 39°30'20.5916"N | 80°57'20.2848"W | 4429.50 | 1.015 | 1.00 | 0.76 | 0.66 | |
| 8455.00 | 90.400 | 340.270 | 6129.29 | 4257.76 | 4518.46 | 47.05 | 1652899.28 | 14346160.68 | 39°30'21.4778"N | 80°57'20.6848"W | 4518.70 | 0.597 | 1.03 | -0.49 | -0.91 | |
| 8549.00 | 90.770 | 340.950 | 6128.33 | 4351.75 | 4607.12 | 15.84 | 1652868.08 | 14346249.31 | 39°30'22.3543"N | 80°57'21.0824"W | 4607.15 | 0.197 | 0.82 | 0.39 | 0.72 | |
| 8644.00 | 90.340 | 337.740 | 6127.41 | 4446.69 | 4696.00 | -17.66 | 1652834.59 | 14346338.15 | 39°30'23.2328"N | 80°57'21.5093"W | 4696.03 | 359.784 | 3.41 | -0.45 | -3.38 | |
| 8739.00 | 90.740 | 337.980 | 6126.51 | 4541.54 | 4783.99 | -53.46 | 1652798.81 | 14346426.10 | 39°30'24.1027"N | 80°57'21.9655"W | 4784.29 | 359.360 | 0.49 | 0.42 | 0.25 | |
| 8833.00 | 90.890 | 337.510 | 6125.17 | 4635.38 | 4870.98 | -89.06 | 1652763.22 | 14346513.06 | 39°30'24.9626"N | 80°57'22.4191"W | 4871.79 | 358.953 | 0.52 | 0.16 | -0.50 | |
| 8928.00 | 90.490 | 338.840 | 6124.03 | 4730.25 | 4959.16 | -124.38 | 1652727.92 | 14346601.21 | 39°30'25.8343"N | 80°57'22.8691"W | 4960.72 | 358.563 | 1.46 | -0.42 | 1.40 | |
| 9022.00 | 90.890 | 340.460 | 6122.90 | 4824.21 | 5047.28 | -157.06 | 1652695.25 | 14346689.29 | 39°30'26.7054"N | 80°57'23.2855"W | 5049.72 | 358.218 | 1.78 | 0.43 | 1.72 | |
| 9117.00 | 90.710 | 340.090 | 6121.57 | 4919.20 | 5136.70 | -189.12 | 1652663.20 | 14346778.67 | 39°30'27.5893"N | 80°57'23.6940"W | 5140.18 | 357.891 | 0.43 | -0.19 | -0.39 | |
| 9212.00 | 90.580 | 338.130 | 6120.50 | 5014.13 | 5225.44 | -222.99 | 1652629.35 | 14346867.38 | 39°30'28.4665"N | 80°57'24.1256"W | 5230.20 | 357.556 | 2.07 | -0.14 | -2.06 | |
| 9306.00 | 90.400 | 339.600 | 6119.70 | 5108.06 | 5313.11 | -256.88 | 1652595.47 | 14346955.02 | 39°30'29.3332"N | 80°57'24.5574"W | 5319.32 | 357.232 | 1.58 | -0.19 | 1.56 | |
| 9400.00 | 90.740 | 336.580 | 6118.76 | 5201.92 | 5400.31 | -291.95 | 1652560.41 | 14347042.18 | 39°30'30.1951"N | 80°57'25.0044"W | 5408.20 | 356.905 | 3.23 | 0.36 | -3.21 | |
| 9495.00 | 90.950 | 335.590 | 6117.36 | 5296.56 | 5487.14 | -330.46 | 1652521.92 | 14347128.98 | 39°30'31.0535"N | 80°57'25.4951"W | 5497.09 | 356.554 | 1.07 | 0.22 | -1.04 | |
| 9589.00 | 90.740 | 337.120 | 6115.97 | 5390.23 | 5573.24 | -368.16 | 1652484.24 | 14347215.04 | 39°30'31.9046"N | 80°57'25.9755"W | 5585.39 | 356.221 | 1.64 | -0.22 | 1.63 | |
| 9684.00 | 91.020 | 342.830 | 6114.51 | 5485.16 | 5662.45 | -400.67 | 1652451.74 | 14347304.21 | 39°30'32.7865"N | 80°57'26.3898"W | 5676.61 | 355.953 | 6.02 | 0.29 | 6.01 | |
| 9779.00 | 90.150 | 341.960 | 6113.54 | 5580.13 | 5752.99 | -429.40 | 1652423.02 | 14347394.72 | 39°30'33.6815"N | 80°57'26.7558"W | 5769.00 | 355.731 | 1.30 | -0.92 | -0.92 | |
| 9873.00 | 90.400 | 342.390 | 6113.09 | 5674.11 | 5842.48 | -458.17 | 1652394.26 | 14347484.17 | 39°30'34.5660"N | 80°57'27.1224"W | 5860.42 | 355.516 | 0.53 | 0.27 | 0.48 | |
| 9968.00 | 90.430 | 342.450 | 6112.41 | 5769.08 | 5933.04 | -486.87 | 1652365.58 | 14347574.70 | 39°30'35.4612"N | 80°57'27.4879"W | 5952.98 | 355.309 | 0.07 | 0.03 | 0.06 | |
| 10062.00 | 90.710 | 343.010 | 6111.47 | 5863.03 | 6022.80 | -514.77 | 1652337.69 | 14347664.42 | 39°30'36.3484"N | 80°57'27.8434"W | 6044.76 | 355.115 | 0.67 | 0.30 | 0.60 | |
| 10157.00 | 90.550 | 342.770 | 6110.43 | 5957.98 | 6113.59 | -542.72 | 1652309.75 | 14347755.17 | 39°30'37.2459"N | 80°57'28.1994"W | 6137.63 | 354.927 | 0.30 | -0.17 | -0.25 | |
| 10252.00 | 90.400 | 343.420 | 6109.64 | 6052.91 | 6204.48 | -570.34 | 1652282.14 | 14347846.03 | 39°30'38.1443"N | 80°57'28.5513"W | 6230.64 | 354.748 | 0.70 | -0.16 | 0.68 | |
| 10346.00 | 90.830 | 343.180 | 6108.63 | 6146.83 | 6294.51 | -597.35 | 1652255.14 | 14347936.02 | 39°30'39.0342"N | 80°57'28.8954"W | 6322.79 | 354.579 | 0.52 | 0.46 | -0.26 | |
| 10441.00 | 89.820 | 343.180 | 6108.09 | 6241.76 | 6385.44 | -624.84 | 1652227.66 | 14348026.92 | 39°30'39.9331"N | 80°57'29.2456"W | 6415.94 | 354.411 | 1.06 | -1.06 | 0.00 | |
| 10536.00 | 90.550 | 342.210 | 6107.78 | 6336.72 | 6476.14 | -653.10 | 1652199.41 | 14348117.58 | 39°30'40.8296"N | 80°57'29.6056"W | 6508.99 | 354.241 | 1.28 | 0.77 | -1.02 | |
| 10631.00 | 90.890 | 342.300 | 6106.59 | 6431.69 | 6566.61 | -682.05 | 1652170.47 | 14348208.01 | 39°30'41.7239"N | 80°57'29.9744"W | 6601.94 | 354.070 | 0.37 | 0.36 | 0.09 | |
| 10726.00 | 90.650 | 342.080 | 6105.31 | 6526.66 | 6657.05 | -711.11 | 1652141.43 | 14348298.42 | 39°30'42.6179"N | 80°57'30.3446"W | 6694.92 | 353.903 | 0.34 | -0.25 | -0.23 | |
| 10820.00 | 90.460 | 342.190 | 6104.40 | 6620.64 | 6746.51 | -739.94 | 1652112.61 | 14348387.84 | 39°30'43.5022"N | 80°57'30.7120"W | 6786.97 | 353.741 | 0.23 | -0.20 | 0.12 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWP |
| Slot | Slot L | | |

WELLPATH DATA (237 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 |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| 10915.00 | 90.460 | 341.990 | 6103.64 | 6715.62 | 6836.91 | -769.16 | 1652083.40 | 14348478.20 | 39°30'44.3957"N | 80°57'31.0842"W | 6880.04 | 353.581 | 0.21 | 0.00 | -0.21 | |
| 11009.00 | 90.490 | 341.940 | 6102.86 | 6809.60 | 6926.29 | -798.26 | 1652054.31 | 14348567.54 | 39°30'45.2792"N | 80°57'31.4550"W | 6972.13 | 353.426 | 0.06 | 0.03 | -0.05 | |
| 11104.00 | 89.910 | 341.910 | 6102.53 | 6904.59 | 7016.60 | -827.73 | 1652024.85 | 14348657.82 | 39°30'46.1719"N | 80°57'31.8305"W | 7065.25 | 353.272 | 0.61 | -0.61 | -0.03 | |
| 11199.00 | 90.250 | 342.740 | 6102.40 | 6999.57 | 7107.11 | -856.57 | 1651996.02 | 14348748.30 | 39°30'47.0666"N | 80°57'32.1980"W | 7158.54 | 353.128 | 0.94 | 0.36 | 0.87 | |
| 11293.00 | 90.860 | 342.010 | 6101.49 | 7093.54 | 7196.69 | -885.03 | 1651967.57 | 14348837.84 | 39°30'47.9521"N | 80°57'32.5606"W | 7250.91 | 352.989 | 1.01 | 0.65 | -0.78 | |
| 11388.00 | 90.580 | 342.210 | 6100.29 | 7188.51 | 7287.09 | -914.22 | 1651938.40 | 14348928.21 | 39°30'48.8457"N | 80°57'32.9324"W | 7344.22 | 352.849 | 0.36 | -0.29 | 0.21 | |
| 11483.00 | 90.710 | 342.100 | 6099.22 | 7283.49 | 7377.52 | -943.33 | 1651909.30 | 14349018.59 | 39°30'49.7395"N | 80°57'33.3033"W | 7437.58 | 352.713 | 0.18 | 0.14 | -0.12 | |
| 11578.00 | 90.830 | 342.280 | 6097.95 | 7378.46 | 7467.96 | -972.38 | 1651880.26 | 14349109.00 | 39°30'50.6335"N | 80°57'33.6735"W | 7531.00 | 352.581 | 0.23 | 0.13 | 0.19 | |
| 11672.00 | 90.400 | 342.160 | 6096.94 | 7472.43 | 7557.46 | -1001.08 | 1651851.57 | 14349198.46 | 39°30'51.5182"N | 80°57'34.0392"W | 7623.48 | 352.454 | 0.47 | -0.46 | -0.13 | |
| 11767.00 | 90.620 | 342.380 | 6096.09 | 7567.41 | 7647.95 | -1030.01 | 1651822.65 | 14349288.91 | 39°30'52.4127"N | 80°57'34.4078"W | 7716.99 | 352.330 | 0.33 | 0.23 | 0.23 | |
| 11862.00 | 90.650 | 340.980 | 6095.04 | 7662.39 | 7738.12 | -1059.87 | 1651792.81 | 14349379.05 | 39°30'53.3040"N | 80°57'34.7883"W | 7810.37 | 352.201 | 1.47 | 0.03 | -1.47 | |
| 11956.00 | 90.680 | 340.930 | 6093.95 | 7756.39 | 7828.97 | -1090.54 | 1651762.15 | 14349467.87 | 39°30'54.1823"N | 80°57'35.1791"W | 7902.58 | 352.068 | 0.06 | 0.03 | -0.05 | |
| 12051.00 | 90.370 | 341.260 | 6093.08 | 7851.38 | 7916.84 | -1121.32 | 1651731.38 | 14349557.70 | 39°30'55.0707"N | 80°57'35.5713"W | 7995.86 | 351.938 | 0.48 | -0.33 | 0.35 | |
| 12145.00 | 90.520 | 341.030 | 6092.35 | 7945.38 | 8005.80 | -1151.70 | 1651701.02 | 14349646.62 | 39°30'55.9499"N | 80°57'35.9584"W | 8088.21 | 351.814 | 0.29 | 0.16 | -0.24 | |
| 12240.00 | 90.460 | 341.250 | 6091.53 | 8040.37 | 8095.69 | -1182.41 | 1651670.32 | 14349736.48 | 39°30'56.8386"N | 80°57'36.3497"W | 8181.58 | 351.690 | 0.24 | -0.06 | 0.23 | |
| 12334.00 | 90.460 | 341.100 | 6090.78 | 8134.37 | 8184.66 | -1212.74 | 1651640.00 | 14349825.41 | 39°30'57.7180"N | 80°57'36.7363"W | 8274.02 | 351.572 | 0.16 | 0.00 | -0.16 | |
| 12429.00 | 90.490 | 341.460 | 6089.99 | 8229.37 | 8274.63 | -1243.22 | 1651609.52 | 14349915.35 | 39°30'58.6073"N | 80°57'37.1248"W | 8367.51 | 351.455 | 0.38 | 0.03 | 0.38 | |
| 12524.00 | 90.460 | 341.180 | 6089.20 | 8324.36 | 8364.62 | -1273.65 | 1651579.11 | 14350005.30 | 39°30'59.4969"N | 80°57'37.5125"W | 8461.04 | 351.342 | 0.30 | -0.03 | -0.29 | |
| 12618.00 | 90.460 | 341.450 | 6088.45 | 8418.36 | 8453.67 | -1303.76 | 1651549.01 | 14350094.31 | 39°31'0.3771"N | 80°57'37.8962"W | 8553.61 | 351.233 | 0.29 | 0.00 | 0.29 | |
| 12712.00 | 90.520 | 341.560 | 6087.65 | 8512.35 | 8542.81 | -1333.58 | 1651519.20 | 14350183.42 | 39°31'1.2582"N | 80°57'38.2762"W | 8646.27 | 351.127 | 0.13 | 0.06 | 0.12 | |
| 12807.00 | 90.520 | 341.480 | 6086.78 | 8607.34 | 8632.91 | -1363.69 | 1651489.11 | 14350273.48 | 39°31'2.1488"N | 80°57'38.6599"W | 8739.95 | 351.023 | 0.08 | 0.00 | -0.08 | |
| 12901.00 | 90.490 | 341.100 | 6085.96 | 8701.34 | 8721.94 | -1393.84 | 1651458.97 | 14350362.47 | 39°31'3.0288"N | 80°57'39.0442"W | 8832.61 | 350.920 | 0.41 | -0.03 | -0.40 | |
| 12996.00 | 90.520 | 341.400 | 6085.12 | 8796.33 | 8811.89 | -1424.38 | 1651428.44 | 14350452.39 | 39°31'3.9180"N | 80°57'39.4333"W | 8926.27 | 350.818 | 0.32 | 0.03 | 0.32 | |
| 13090.00 | 90.180 | 341.390 | 6084.54 | 8890.33 | 8900.98 | -1454.37 | 1651398.46 | 14350541.44 | 39°31'4.7986"N | 80°57'39.8155"W | 9019.01 | 350.720 | 0.36 | -0.36 | -0.01 | |
| 13185.00 | 90.280 | 340.030 | 6084.16 | 8985.33 | 8990.64 | -1485.75 | 1651367.10 | 14350631.07 | 39°31'5.6849"N | 80°57'40.2154"W | 9112.58 | 350.616 | 1.44 | 0.11 | -1.43 | |
| 13279.00 | 90.180 | 340.480 | 6083.79 | 9079.32 | 9079.11 | -1517.51 | 1651335.35 | 14350719.50 | 39°31'6.5595"N | 80°57'40.6201"W | 9205.06 | 350.511 | 0.49 | -0.11 | 0.48 | |
| 13374.00 | 90.250 | 340.780 | 6083.43 | 9174.31 | 9168.73 | -1549.02 | 1651303.86 | 14350809.09 | 39°31'7.4454"N | 80°57'41.0217"W | 9298.66 | 350.411 | 0.32 | 0.07 | 0.32 | |
| 13468.00 | 90.280 | 340.320 | 6082.99 | 9268.31 | 9257.37 | -1580.32 | 1651272.57 | 14350897.69 | 39°31'8.3215"N | 80°57'41.4206"W | 9391.29 | 350.312 | 0.49 | 0.03 | -0.49 | |
| 13563.00 | 90.250 | 340.520 | 6082.55 | 9363.30 | 9346.87 | -1612.15 | 1651240.75 | 14350987.16 | 39°31'9.2062"N | 80°57'41.8264"W | 9484.89 | 350.214 | 0.21 | -0.03 | 0.21 | |
| 13657.00 | 90.150 | 340.100 | 6082.23 | 9457.29 | 9435.38 | -1643.82 | 1651209.09 | 14351075.63 | 39°31'10.0811"N | 80°57'42.2300"W | 9577.50 | 350.117 | 0.46 | -0.11 | -0.45 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

WELLPATH DATA (237 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 |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| 13751.00 | 90.150 | 340.310 | 6081.98 | 9551.28 | 9523.82 | -1675.66 | 1651177.27 | 14351164.04 | 39°31'10.9553"N | 80°57'42.6357"W | 9670.11 | 350.021 | 0.22 | 0.00 | 0.22 | |
| 13846.00 | 90.090 | 340.500 | 6081.78 | 9646.28 | 9613.32 | -1707.52 | 1651145.42 | 14351253.50 | 39°31'11.8400"N | 80°57'43.0418"W | 9763.79 | 349.928 | 0.21 | -0.06 | 0.20 | |
| 13940.00 | 90.000 | 340.280 | 6081.71 | 9740.27 | 9701.87 | -1739.06 | 1651113.88 | 14351342.01 | 39°31'12.7153"N | 80°57'43.4439"W | 9856.50 | 349.838 | 0.25 | -0.10 | -0.23 | |
| 14035.00 | 89.970 | 339.540 | 6081.73 | 9835.25 | 9791.09 | -1771.70 | 1651081.27 | 14351431.19 | 39°31'13.5972"N | 80°57'43.8598"W | 9950.09 | 349.743 | 0.78 | -0.03 | -0.78 | |
| 14129.00 | 90.800 | 339.490 | 6081.10 | 9929.22 | 9879.14 | -1804.59 | 1651048.38 | 14351519.21 | 39°31'14.4676"N | 80°57'44.2791"W | 10042.61 | 349.648 | 0.88 | 0.88 | -0.05 | |
| 14224.00 | 90.550 | 340.450 | 6079.98 | 10024.19 | 9968.39 | -1837.13 | 1651015.86 | 14351608.42 | 39°31'15.3498"N | 80°57'44.6938"W | 10136.26 | 349.558 | 1.04 | -0.26 | 1.01 | |
| 14318.00 | 90.250 | 341.070 | 6079.33 | 10118.19 | 10057.13 | -1868.10 | 1650984.90 | 14351697.13 | 39°31'16.2270"N | 80°57'45.0886"W | 10229.16 | 349.477 | 0.73 | -0.32 | 0.66 | |
| 14413.00 | 90.430 | 340.880 | 6078.76 | 10213.19 | 10146.94 | -1899.07 | 1650953.94 | 14351786.91 | 39°31'17.1148"N | 80°57'45.4833"W | 10323.13 | 349.399 | 0.28 | 0.19 | -0.20 | |
| 14508.00 | 90.580 | 341.230 | 6077.92 | 10308.18 | 10236.79 | -1929.91 | 1650923.11 | 14351876.72 | 39°31'18.0029"N | 80°57'45.8763"W | 10417.12 | 349.324 | 0.40 | 0.16 | 0.37 | |
| 14603.00 | 90.400 | 340.370 | 6077.11 | 10403.18 | 10326.50 | -1961.15 | 1650891.89 | 14351966.40 | 39°31'18.8897"N | 80°57'46.2745"W | 10511.08 | 349.247 | 0.92 | -0.19 | -0.91 | |
| 14697.00 | 90.430 | 340.860 | 6076.43 | 10497.17 | 10415.17 | -1992.35 | 1650860.70 | 14352055.03 | 39°31'19.7662"N | 80°57'46.6722"W | 10604.02 | 349.171 | 0.52 | 0.03 | 0.52 | |
| 14792.00 | 90.340 | 340.320 | 6075.79 | 10592.17 | 10504.77 | -2023.92 | 1650829.14 | 14352144.59 | 39°31'20.6518"N | 80°57'47.0746"W | 10697.97 | 349.095 | 0.58 | -0.09 | -0.57 | |
| 14886.00 | 90.490 | 341.440 | 6075.11 | 10686.16 | 10593.58 | -2054.71 | 1650798.37 | 14352233.37 | 39°31'21.5297"N | 80°57'47.4670"W | 10791.01 | 349.023 | 1.20 | 0.16 | 1.19 | |
| 14981.00 | 90.310 | 341.380 | 6074.45 | 10781.16 | 10683.62 | -2084.99 | 1650768.09 | 14352323.37 | 39°31'22.4197"N | 80°57'47.8530"W | 10885.17 | 348.957 | 0.20 | -0.19 | -0.06 | |
| 15076.00 | 90.520 | 341.850 | 6073.76 | 10876.15 | 10773.77 | -2114.96 | 1650738.14 | 14352413.48 | 39°31'23.3108"N | 80°57'48.2349"W | 10979.40 | 348.894 | 0.54 | 0.22 | 0.49 | |
| 15170.00 | 90.770 | 341.940 | 6072.70 | 10970.13 | 10863.11 | -2144.17 | 1650708.95 | 14352502.79 | 39°31'24.1939"N | 80°57'48.6072"W | 11072.70 | 348.834 | 0.28 | 0.27 | 0.10 | |
| 15265.00 | 90.280 | 340.630 | 6071.83 | 11065.13 | 10953.08 | -2174.65 | 1650678.48 | 14352592.72 | 39°31'25.0832"N | 80°57'48.9956"W | 11166.88 | 348.770 | 1.47 | -0.52 | -1.38 | |
| 15359.00 | 90.430 | 340.530 | 6071.25 | 11159.12 | 11041.73 | -2205.90 | 1650647.24 | 14352681.34 | 39°31'25.9595"N | 80°57'49.3940"W | 11259.92 | 348.702 | 0.19 | 0.16 | -0.11 | |
| 15454.00 | 90.490 | 341.410 | 6070.49 | 11254.12 | 11131.54 | -2236.87 | 1650616.27 | 14352771.10 | 39°31'26.8472"N | 80°57'49.7888"W | 11354.06 | 348.638 | 0.93 | 0.06 | 0.93 | |
| 15548.00 | 90.430 | 341.500 | 6069.73 | 11348.11 | 11220.65 | -2266.77 | 1650586.39 | 14352860.18 | 39°31'27.7281"N | 80°57'50.1699"W | 11447.33 | 348.579 | 0.12 | -0.06 | 0.10 | |
| 15643.00 | 90.490 | 341.790 | 6068.97 | 11443.10 | 11310.82 | -2296.68 | 1650556.49 | 14352950.31 | 39°31'28.6193"N | 80°57'50.5512"W | 11541.64 | 348.522 | 0.31 | 0.06 | 0.31 | |
| 15738.00 | 90.120 | 341.720 | 6068.46 | 11538.10 | 11401.04 | -2326.43 | 1650526.76 | 14353040.50 | 39°31'29.5111"N | 80°57'50.9303"W | 11635.98 | 348.467 | 0.40 | -0.39 | -0.07 | |
| 15832.00 | 90.280 | 341.330 | 6068.14 | 11632.09 | 11490.19 | -2356.21 | 1650496.98 | 14353129.62 | 39°31'30.3924"N | 80°57'51.3099"W | 11729.29 | 348.411 | 0.45 | 0.17 | -0.41 | |
| 15927.00 | 90.180 | 341.640 | 6067.75 | 11727.09 | 11580.28 | -2386.38 | 1650466.83 | 14353219.66 | 39°31'31.2828"N | 80°57'51.6944"W | 11823.60 | 348.356 | 0.34 | -0.11 | 0.33 | |
| 16021.00 | 90.180 | 341.680 | 6067.46 | 11821.08 | 11669.50 | -2415.96 | 1650437.26 | 14353308.85 | 39°31'32.1648"N | 80°57'52.0714"W | 11916.97 | 348.303 | 0.04 | 0.00 | 0.04 | |
| 16116.00 | 90.310 | 341.560 | 6067.05 | 11916.08 | 11759.65 | -2445.91 | 1650407.32 | 14353398.97 | 39°31'33.0559"N | 80°57'52.4533"W | 12011.33 | 348.250 | 0.19 | 0.14 | -0.13 | |
| 16211.00 | 90.250 | 341.070 | 6066.59 | 12011.07 | 11849.65 | -2476.35 | 1650376.90 | 14353488.92 | 39°31'33.9454"N | 80°57'52.8412"W | 12105.64 | 348.196 | 0.52 | -0.06 | -0.52 | |
| 16305.00 | 90.120 | 341.560 | 6066.28 | 12105.07 | 11938.69 | -2506.46 | 1650346.79 | 14353577.93 | 39°31'34.8256"N | 80°57'53.2251"W | 12198.96 | 348.143 | 0.54 | -0.14 | 0.52 | |
| 16400.00 | 90.220 | 341.750 | 6066.00 | 12200.06 | 12028.86 | -2536.36 | 1650316.91 | 14353668.07 | 39°31'35.7169"N | 80°57'53.6062"W | 12293.36 | 348.093 | 0.23 | 0.11 | 0.20 | |
| 16494.00 | 90.310 | 342.020 | 6065.57 | 12294.05 | 12118.20 | -2565.59 | 1650287.69 | 14353757.37 | 39°31'36.6000"N | 80°57'53.9787"W | 12386.81 | 348.046 | 0.30 | 0.10 | 0.29 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

WELLPATH DATA (237 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 |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|----------|
| 16589.00 | 90.090 | 341.300 | 6065.24 | 12389.05 | 12208.38 | -2595.48 | 1650257.81 | 14353847.51 | 39°31'37.4913"N | 80°57'54.3597"W | 12481.22 | 347.998 | 0.79 | -0.23 | -0.76 | |
| 16683.00 | 90.180 | 341.660 | 6065.02 | 12483.04 | 12297.51 | -2625.34 | 1650227.97 | 14353936.61 | 39°31'38.3724"N | 80°57'54.7403"W | 12574.62 | 347.949 | 0.39 | 0.10 | 0.38 | |
| 16778.00 | 90.120 | 341.660 | 6064.77 | 12578.04 | 12387.68 | -2655.23 | 1650198.09 | 14354026.74 | 39°31'39.2637"N | 80°57'55.1214"W | 12669.05 | 347.902 | 0.06 | -0.06 | 0.00 | |
| 16873.00 | 90.150 | 341.350 | 6064.54 | 12673.03 | 12477.77 | -2685.37 | 1650167.96 | 14354116.80 | 39°31'40.1542"N | 80°57'55.5055"W | 12763.46 | 347.855 | 0.33 | 0.03 | -0.33 | |
| 16967.00 | 90.090 | 341.520 | 6064.35 | 12767.03 | 12566.88 | -2715.29 | 1650138.05 | 14354205.87 | 39°31'41.0350"N | 80°57'55.8870"W | 12856.88 | 347.808 | 0.19 | -0.06 | 0.18 | |
| 17062.00 | 90.340 | 341.240 | 6063.99 | 12862.03 | 12656.91 | -2745.63 | 1650107.73 | 14354295.86 | 39°31'41.9249"N | 80°57'56.2737"W | 12951.29 | 347.761 | 0.40 | 0.26 | -0.29 | |
| 17157.00 | 90.150 | 341.520 | 6063.58 | 12957.02 | 12746.94 | -2775.96 | 1650077.41 | 14354385.85 | 39°31'42.8148"N | 80°57'56.6603"W | 13045.70 | 347.714 | 0.36 | -0.20 | 0.29 | |
| 17251.00 | 90.220 | 341.920 | 6063.28 | 13051.02 | 12836.19 | -2805.44 | 1650047.93 | 14354475.07 | 39°31'43.6970"N | 80°57'57.0362"W | 13139.19 | 347.671 | 0.43 | 0.07 | 0.43 | |
| 17346.00 | 90.090 | 341.440 | 6063.02 | 13146.01 | 12926.38 | -2835.30 | 1650018.09 | 14354565.22 | 39°31'44.5885"N | 80°57'57.4168"W | 13233.67 | 347.629 | 0.52 | -0.14 | -0.51 | |
| 17440.00 | 89.420 | 341.600 | 6063.42 | 13240.01 | 13015.53 | -2865.10 | 1649988.30 | 14354654.34 | 39°31'45.4697"N | 80°57'57.7966"W | 13327.14 | 347.586 | 0.73 | -0.71 | 0.17 | |
| 17535.00 | 89.540 | 341.840 | 6064.29 | 13334.99 | 13105.73 | -2894.89 | 1649958.52 | 14354744.50 | 39°31'46.3613"N | 80°57'58.1765"W | 13421.64 | 347.544 | 0.28 | 0.13 | 0.25 | |
| 17630.00 | 89.660 | 341.130 | 6064.95 | 13429.99 | 13195.81 | -2925.06 | 1649928.36 | 14354834.55 | 39°31'47.2517"N | 80°57'58.5610"W | 13516.11 | 347.502 | 0.76 | 0.13 | -0.75 | |
| 17724.00 | 89.570 | 341.360 | 6065.58 | 13523.99 | 13284.82 | -2955.28 | 1649898.15 | 14354923.52 | 39°31'48.1315"N | 80°57'58.9463"W | 13609.56 | 347.458 | 0.26 | -0.10 | 0.24 | |
| 17819.00 | 89.690 | 341.500 | 6066.19 | 13618.98 | 13374.87 | -2985.54 | 1649867.91 | 14355013.53 | 39°31'49.0216"N | 80°57'59.3320"W | 13704.03 | 347.417 | 0.19 | 0.13 | 0.15 | |
| 17914.00 | 89.510 | 341.580 | 6066.86 | 13713.98 | 13464.98 | -3015.62 | 1649837.84 | 14355103.61 | 39°31'49.9123"N | 80°57'59.7154"W | 13798.53 | 347.376 | 0.21 | -0.19 | 0.08 | |
| 18008.00 | 89.660 | 341.490 | 6067.54 | 13807.97 | 13554.14 | -3045.39 | 1649808.08 | 14355192.73 | 39°31'50.7936"N | 80°58'0.0950"W | 13892.05 | 347.337 | 0.19 | 0.16 | -0.10 | |
| 18103.00 | 90.490 | 341.550 | 6067.41 | 13902.97 | 13644.24 | -3075.50 | 1649777.98 | 14355282.79 | 39°31'51.6842"N | 80°58'0.4788"W | 13986.56 | 347.297 | 0.88 | 0.87 | 0.06 | |
| 18198.00 | 90.370 | 340.470 | 6066.70 | 13997.96 | 13734.06 | -3106.41 | 1649747.09 | 14355372.58 | 39°31'52.5721"N | 80°58'0.8729"W | 14080.99 | 347.255 | 1.14 | -0.13 | -1.14 | |
| 18292.00 | 90.400 | 340.410 | 6066.07 | 14091.95 | 13822.63 | -3137.88 | 1649715.63 | 14355461.12 | 39°31'53.4476"N | 80°58'1.2742"W | 14174.33 | 347.210 | 0.07 | 0.03 | -0.06 | |
| 18387.00 | 90.520 | 340.630 | 6065.31 | 14186.95 | 13912.19 | -3169.56 | 1649683.96 | 14355550.64 | 39°31'54.3328"N | 80°58'1.6780"W | 14268.68 | 347.166 | 0.28 | 0.13 | 0.23 | |
| 18482.00 | 90.430 | 340.190 | 6064.52 | 14281.94 | 14001.69 | -3201.41 | 1649652.12 | 14355640.11 | 39°31'55.2175"N | 80°58'2.0841"W | 14363.02 | 347.121 | 0.47 | -0.09 | -0.46 | |
| 18576.00 | 90.090 | 340.240 | 6064.09 | 14375.93 | 14090.14 | -3233.23 | 1649620.32 | 14355728.52 | 39°31'56.0918"N | 80°58'2.4898"W | 14456.34 | 347.076 | 0.37 | -0.36 | 0.05 | |
| 18671.00 | 90.800 | 340.640 | 6063.36 | 14470.92 | 14179.66 | -3265.04 | 1649588.53 | 14355818.00 | 39°31'56.9766"N | 80°58'2.8953"W | 14550.71 | 347.033 | 0.86 | 0.75 | 0.42 | |
| 18765.00 | 90.460 | 338.910 | 6062.32 | 14564.89 | 14267.85 | -3297.53 | 1649556.05 | 14355906.16 | 39°31'57.8484"N | 80°58'3.3096"W | 14643.95 | 346.987 | 1.88 | -0.36 | -1.84 | |
| 18860.00 | 90.860 | 340.490 | 6061.23 | 14659.85 | 14356.94 | -3330.48 | 1649523.10 | 14355995.21 | 39°31'58.7290"N | 80°58'3.7298"W | 14738.18 | 346.940 | 1.72 | 0.42 | 1.66 | |
| 18955.00 | 90.800 | 340.360 | 6059.85 | 14754.84 | 14446.44 | -3362.31 | 1649491.29 | 14356084.68 | 39°31'59.6137"N | 80°58'4.1356"W | 14832.56 | 346.898 | 0.15 | -0.06 | -0.14 | |
| 19049.00 | 90.710 | 340.540 | 6058.61 | 14848.82 | 14535.01 | -3393.76 | 1649459.85 | 14356173.21 | 39°32'0.4892"N | 80°58'4.5366"W | 14925.96 | 346.858 | 0.21 | -0.10 | 0.19 | |
| 19144.00 | 90.950 | 340.790 | 6057.24 | 14943.81 | 14624.65 | -3425.21 | 1649428.41 | 14356262.81 | 39°32'1.3751"N | 80°58'4.9376"W | 15020.40 | 346.818 | 0.36 | 0.25 | 0.26 | |
| 19239.00 | 90.950 | 340.690 | 6055.66 | 15038.80 | 14714.32 | -3456.54 | 1649397.09 | 14356352.45 | 39°32'2.2615"N | 80°58'5.3371"W | 15114.86 | 346.780 | 0.11 | 0.00 | -0.11 | |
| 19333.00 | 90.990 | 340.620 | 6054.07 | 15132.78 | 14803.00 | -3487.68 | 1649365.97 | 14356441.09 | 39°32'3.1381"N | 80°58'5.7340"W | 15208.31 | 346.743 | 0.09 | 0.04 | -0.07 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

| WELLPATH DATA (237 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 |
| 19428.00 | 90.920 | 340.790 | 6052.49 | 15227.77 | 14892.65 | -3519.06 | 1649334.60 | 14356530.71 | 39°32'4.0242"N | 80°58'6.1342"W | 15302.77 | 346.705 | 0.19 | -0.07 | 0.18 | |
| 19523.00 | 90.980 | 340.500 | 6050.91 | 15322.75 | 14982.27 | -3550.55 | 1649303.13 | 14356620.29 | 39°32'4.9101"N | 80°58'6.5356"W | 15397.23 | 346.668 | 0.31 | 0.06 | -0.31 | |
| 19617.00 | 90.890 | 340.480 | 6049.38 | 15416.73 | 15070.86 | -3581.93 | 1649271.75 | 14356708.84 | 39°32'5.7857"N | 80°58'6.9358"W | 15490.68 | 346.630 | 0.10 | -0.10 | -0.02 | |
| 19712.00 | 90.920 | 340.740 | 6047.88 | 15511.72 | 15160.46 | -3613.47 | 1649240.23 | 14356798.41 | 39°32'6.6714"N | 80°58'7.3379"W | 15585.14 | 346.594 | 0.28 | 0.03 | 0.27 | |
| 19807.00 | 90.800 | 340.440 | 6046.45 | 15606.71 | 15250.05 | -3645.04 | 1649208.68 | 14356887.96 | 39°32'7.5569"N | 80°58'7.7404"W | 15679.61 | 346.557 | 0.34 | -0.13 | -0.32 | |
| 19901.00 | 91.080 | 340.700 | 6044.91 | 15700.69 | 15338.68 | -3676.30 | 1649177.42 | 14356976.56 | 39°32'8.4331"N | 80°58'8.1391"W | 15773.09 | 346.522 | 0.41 | 0.30 | 0.28 | |
| 19996.00 | 90.620 | 340.600 | 6043.50 | 15795.68 | 15428.31 | -3707.78 | 1649145.96 | 14357066.15 | 39°32'9.3189"N | 80°58'8.5404"W | 15867.59 | 346.487 | 0.50 | -0.48 | -0.11 | |
| 20091.00 | 91.140 | 340.350 | 6042.04 | 15890.66 | 15517.83 | -3739.52 | 1649114.23 | 14357155.64 | 39°32'10.2039"N | 80°58'8.9452"W | 15962.06 | 346.451 | 0.61 | 0.55 | -0.26 | |
| 20186.00 | 91.170 | 340.690 | 6040.13 | 15985.64 | 15607.38 | -3771.20 | 1649082.57 | 14357245.15 | 39°32'11.0890"N | 80°58'9.3491"W | 16056.53 | 346.416 | 0.36 | 0.03 | 0.36 | |
| 20281.00 | 90.980 | 340.050 | 6038.34 | 16080.61 | 15696.84 | -3803.11 | 1649050.87 | 14357334.57 | 39°32'11.9732"N | 80°58'9.7559"W | 16150.99 | 346.381 | 0.70 | -0.20 | -0.67 | |
| 20375.00 | 90.860 | 340.490 | 6036.83 | 16174.59 | 15785.31 | -3834.84 | 1649018.96 | 14357423.01 | 39°32'12.8477"N | 80°58'10.1605"W | 16244.44 | 346.345 | 0.49 | -0.13 | 0.47 | |
| 20470.00 | 90.550 | 340.530 | 6035.67 | 16269.58 | 15874.86 | -3866.53 | 1648987.27 | 14357512.52 | 39°32'13.7329"N | 80°58'10.5647"W | 16338.95 | 346.311 | 0.33 | -0.33 | 0.04 | |
| 20564.00 | 90.620 | 340.370 | 6034.71 | 16363.57 | 15963.44 | -3897.98 | 1648955.83 | 14357601.06 | 39°32'14.6084"N | 80°58'10.9657"W | 16432.45 | 346.278 | 0.19 | 0.07 | -0.17 | |
| 20659.00 | 90.490 | 340.490 | 6033.79 | 16458.56 | 16052.94 | -3929.80 | 1648924.03 | 14357690.53 | 39°32'15.4931"N | 80°58'11.3715"W | 16526.96 | 346.244 | 0.19 | -0.14 | 0.13 | |
| 20754.00 | 90.520 | 340.220 | 6032.95 | 16553.55 | 16142.41 | -3961.74 | 1648892.10 | 14357779.96 | 39°32'16.3775"N | 80°58'11.7787"W | 16621.46 | 346.211 | 0.29 | 0.03 | -0.28 | |
| 20849.00 | 90.620 | 340.520 | 6032.00 | 16648.54 | 16231.88 | -3993.65 | 1648860.20 | 14357869.40 | 39°32'17.2619"N | 80°58'12.1857"W | 16715.96 | 346.178 | 0.33 | 0.11 | 0.32 | |
| 20943.00 | 90.710 | 340.720 | 6030.91 | 16742.53 | 16320.55 | -4024.84 | 1648829.03 | 14357958.03 | 39°32'18.1383"N | 80°58'12.5834"W | 16809.51 | 346.147 | 0.23 | 0.10 | 0.21 | |
| 21038.00 | 90.310 | 341.100 | 6030.07 | 16837.53 | 16410.32 | -4055.91 | 1648797.97 | 14358047.77 | 39°32'19.0257"N | 80°58'12.9796"W | 16904.12 | 346.117 | 0.58 | -0.42 | 0.40 | |
| 21133.00 | 89.970 | 339.260 | 6029.83 | 16932.51 | 16499.69 | -4088.12 | 1648765.77 | 14358137.10 | 39°32'19.9090"N | 80°58'13.3903"W | 16998.61 | 346.084 | 1.97 | -0.36 | -1.94 | |
| 21227.00 | 90.830 | 340.440 | 6029.18 | 17026.49 | 16587.93 | -4120.50 | 1648733.41 | 14358225.31 | 39°32'20.7812"N | 80°58'13.8033"W | 17092.05 | 346.050 | 1.55 | 0.91 | 1.26 | |
| 21321.00 | 90.680 | 340.560 | 6027.94 | 17120.48 | 16676.54 | -4151.87 | 1648702.04 | 14358313.87 | 39°32'21.6570"N | 80°58'14.2034"W | 17185.60 | 346.020 | 0.20 | -0.16 | 0.13 | |
| 21416.00 | 90.740 | 340.520 | 6026.76 | 17215.47 | 16766.10 | -4183.52 | 1648670.41 | 14358403.40 | 39°32'22.5423"N | 80°58'14.6069"W | 17280.16 | 345.990 | 0.08 | 0.06 | -0.04 | |
| 21511.00 | 90.680 | 340.600 | 6025.59 | 17310.46 | 16855.68 | -4215.14 | 1648638.81 | 14358492.95 | 39°32'23.4277"N | 80°58'15.0101"W | 17374.73 | 345.960 | 0.11 | -0.06 | 0.08 | |
| 21605.00 | 91.170 | 340.020 | 6024.07 | 17404.44 | 16944.17 | -4246.80 | 1648607.15 | 14358581.40 | 39°32'24.3024"N | 80°58'15.4139"W | 17468.26 | 345.930 | 0.81 | 0.52 | -0.62 | |
| 21700.00 | 91.260 | 340.540 | 6022.05 | 17499.41 | 17033.58 | -4278.85 | 1648575.12 | 14358670.77 | 39°32'25.1862"N | 80°58'15.8226"W | 17562.78 | 345.899 | 0.56 | 0.09 | 0.55 | |
| 21795.00 | 91.260 | 340.630 | 6019.96 | 17594.38 | 17123.15 | -4310.42 | 1648543.56 | 14358760.31 | 39°32'26.0716"N | 80°58'16.2252"W | 17657.35 | 345.870 | 0.09 | 0.00 | 0.09 | |
| 21820.00 | 91.260 | 340.630 | 6019.41 | 17619.37 | 17146.73 | -4318.71 | 1648535.27 | 14358783.88 | 39°32'26.3047"N | 80°58'16.3309"W | 17682.24 | 345.863 | 0.00 | 0.00 | 0.00 | Projected MD at TD: 21820' |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

| HOLE & CASING SECTIONS - Ref Wellbore: Folger Unit 2H AWB Ref Wellpath: Folger Unit 2H AWP Proj: 21820' | | | | | | | | | |
|---|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 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 | 0.24 | -0.04 |
| 17.5in Open Hole | 130.00 | 360.00 | 230.00 | 130.00 | 359.99 | 0.24 | -0.04 | 0.54 | -1.79 |
| 13.375in Casing Surface | 30.00 | 330.00 | 300.00 | 30.00 | 329.99 | 0.00 | 0.00 | 0.53 | -1.43 |
| 12.25in Open Hole | 360.00 | 3089.00 | 2729.00 | 359.99 | 2771.64 | 0.54 | -1.79 | 1115.15 | 245.93 |
| 9.625in Casing Intermediate | 30.00 | 3069.00 | 3039.00 | 30.00 | 2754.82 | 0.00 | 0.00 | 1104.35 | 245.47 |
| 8.75in Open Hole | 3089.00 | 6519.00 | 3430.00 | 2771.64 | 5699.81 | 1115.15 | 245.93 | 2856.23 | 607.16 |
| 8.5in Open Hole | 6519.00 | 21820.00 | 15301.00 | 5699.81 | 6019.41 | 2856.23 | 607.16 | 17146.73 | -4318.71 |
| 5.5in Casing Production | 30.00 | 21800.00 | 21770.00 | 30.00 | 6019.85 | 0.00 | 0.00 | 17127.87 | -4312.08 |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

| TARGETS | | | | | | | | |
|----------------------------------|----------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-----------|
| Name | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude | Longitude | Shape |
| Folger Unit 2H BHL Rev-2 | 6030.41 | 17146.70 | -4305.55 | 1648548.43 | 14358783.85 | 39°32'26.3043"N | 80°58'16.1629"W | point |
| Folger Unit 2H POE Rev-1 | 6080.00 | 2853.39 | 608.69 | 1653460.70 | 14344496.28 | 39°30'5.0186"N | 80°57'13.5303"W | point |
| Folger Unit 2H POE Rev-2 | 6086.00 | 3299.37 | 508.23 | 1653360.28 | 14344942.09 | 39°30'9.4269"N | 80°57'14.8090"W | point |
| Folger Unit 2H AZI Rev-2 | 6129.24 | 3759.21 | 297.26 | 1653149.39 | 14345401.73 | 39°30'13.9727"N | 80°57'17.4975"W | point |
| Folger Unit 2H LP Rev-2 | 6131.00 | 3527.46 | 394.42 | 1653246.51 | 14345170.09 | 39°30'11.6818"N | 80°57'16.2595"W | point |
| Folger Unit 2H 50' L/R Hard Line | 6500.00 | 10000.04 | -1848.43 | 1651004.56 | 14351640.07 | 39°31'15.6627"N | 80°57'44.8378"W | rectangle |
| 2D Rectangle 15114.5 x 100. | | | | | | | | |

| WELLPATH COMPOSITION - Ref Wellbore: Folger Unit 2H AWB Ref Wellpath: Folger Unit 2H AWP Proj: 21820' | | | | | | |
|---|-------------|--|---|--------------------|-------------|--|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore | Survey Date | |
| 30.00 | 289.00 | Gyrodata 2015 - GC+WIR+DPIPE | 01_Gyrodata MS Gyro <17-1/2"> (100'-289') | Folger Unit 2H AWB | 7/6/2022 | |
| 289.00 | 3014.00 | BH NaviTrak (2019) (Axial Corr+HRGM) | 02_APS EM <12-1/4"> (289')(418'-3014') | Folger Unit 2H AWB | 7/6/2022 | |
| 3014.00 | 6442.00 | BH NaviTrak (2019) (Axial Corr+HRGM) | 03_APS EM <8-3/4"> (3014')(3130'-6442') | Folger Unit 2H AWB | 7/6/2022 | |
| 6442.00 | 21820.00 | BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing) | 04_BH AT Curve <8-1/2"> (6442')(6562'-21795') | Folger Unit 2H AWB | 7/6/2022 | |



Actual Wellpath Report

Folger Unit 2H AWP Proj: 21820'

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|------------------------------|----------|--------------------|
| Operator | ANTERO RESOURCES CORPORATION | Well | Folger Unit 2H |
| Field | Tyler | API | 47-095-02784-0000 |
| Facility | Eldon Pad | Wellbore | Folger Unit 2H AWB |
| Slot | Slot L | | |

COMMENTS

Wellpath general comments

API: 47-095-02784-0000

BH Job #: 111394543

Rig: H&P 519

Duration: 7/9/2022-7/15/2022

Gyrodata MS Gyro <17-1/2"> (100'-289')

APS EM <12-1/4"> (289')(418'-3014')

APS EM <8-3/4"> (3014')(3130'-6442')

BH AT Curve <8-1/2"> (6442')(6562'-21795')

Sycamore: 6746' MD

Middlesex: 6902' MD

Burkett: 7076' MD

Marcellus POE: 7151' MD

Projected MD at TD: 21820'