



ANTERO RESOURCES CORPORATION

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

Slot: Slot M
Well: Folger Unit 3H
Wellbore: Folger Unit 3H PWB

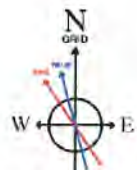
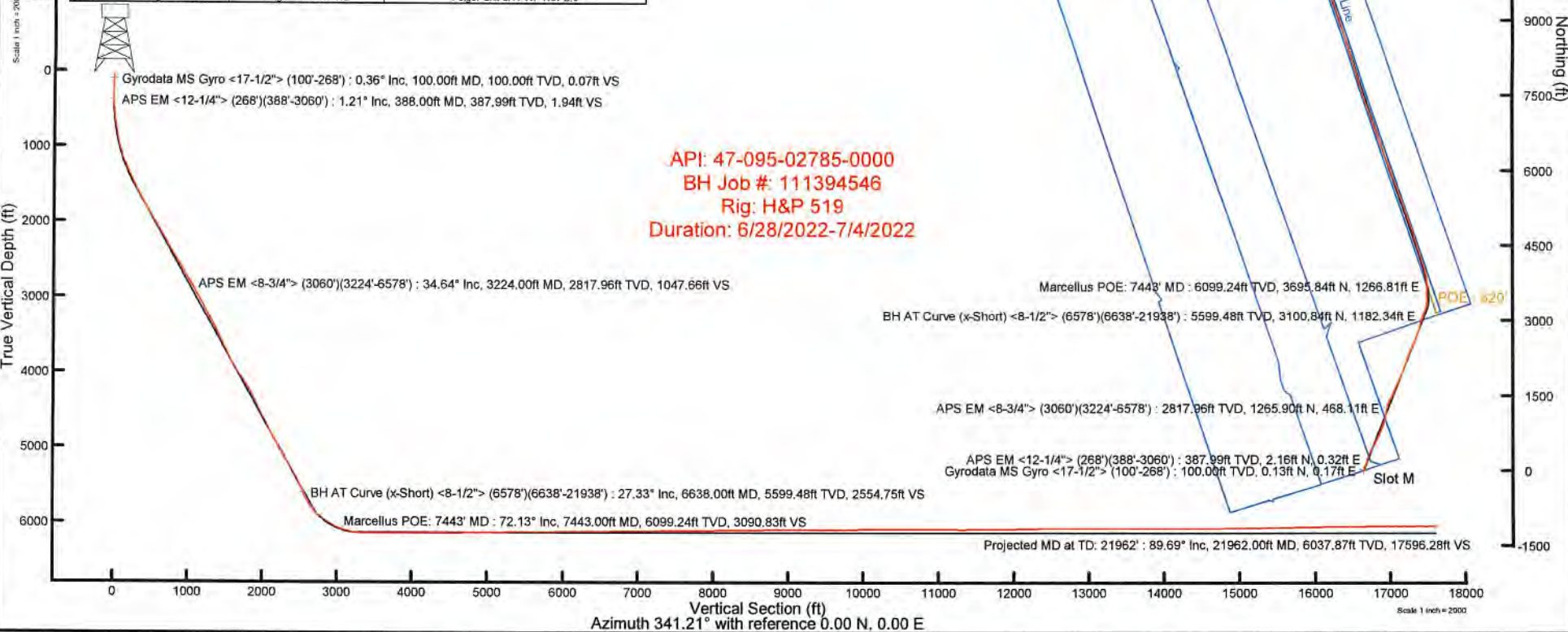


File reference wellbore is Folger Unit 3H PWB Rev-B.0	Grid System: NAD83 / UTM Zone 17 North, US Feet
True vertical depths are referenced to H&P 519 (RKB)	North Reference: Grid north
Reference wellbore measured depths are referenced to H&P 519 (RKB)	Scale: True distance
H&P 519 (RKB) to Mean Sea Level: 910 feet	Coordinates are in feet referenced to Slot
Mean Slot well to Ground level (At Slot: Slot M): -880 feet	Depths are in feet
Other wellbore MDs are referenced to each path's default MD datum	Created by: intarsia on 2022-07-21 Database: WJL_MPL_EASTERNUS_Dat

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Eldon Pad	1652346.400	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)	Latitude
Slot M	45.95	518.20	1652666.390	14341639.010	39°29'36.7707"N
Comment	Folger Unit 3H				
H&P 519 (RKB) to Ground level (At Slot: Slot M)	30ft				
Mean Sea Level to Ground level (At Slot: Slot M)	-880ft				
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)	DLS (°/100ft)	VS (ft)
Tie On	30.00	0.000	21.374	30.00	0.00	0.00	0.00	0.00
KOP 1	390.00	0.000	21.374	390.00	0.00	0.00	0.00	0.00
End of Build	1596.34	36.190	21.374	1517.71	343.14	134.29	3.00	281.60
Curve KOP	6872.25	36.190	21.374	5775.70	3244.13	1269.64	0.00	2962.29
POE	7401.19	70.045	348.099	6094.00	3651.48	1275.56	8.00	3046.02
Landing Pt	7650.82	90.000	348.099	6137.00	3890.66	1225.16	8.00	3288.58
On AZI	7995.06	90.000	341.210	6137.00	4222.61	1134.06	2.00	3632.29
BHL	21965.06	90.000	341.210	6137.00	17448.11	-3365.61	0.00	17602.29

Well Data				
Slot	Well	Wellbore	Wellpath	
Slot M	Folger Unit 3H	Folger Unit 3H AWP	Folger Unit 3H AWP Proj: 21962'	
Slot M	Folger Unit 3H	Folger Unit 3H PWB	Folger Unit 3H PWP Rev-B.0	



User specified (HDGM) Dip: 66.23° Field: 51416 nT
Magnetic North is 7.44 degrees West of True North (at 6/27/2022)
Grid North is 0.03 degrees East of True North
To correct azimuth from True to Grid subtract 0.03 degrees
To correct azimuth from Magnetic to Grid subtract 7.47 degrees



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

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 9:08:11 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	45.96	518.20	1652866.39	14341639.01	39°29'36.7707"N	80°57'21.1328"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 M)	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	341.21°



Actual Wellpath Report

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Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

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†	0.000	52.170	0.00	0.00	0.00	0.00	1652866.39	14341639.01	39°29'36.7707"N	80°57'21.1328"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	52.170	30.00	0.00	0.00	0.00	1652866.39	14341639.01	39°29'36.7707"N	80°57'21.1328"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.360	52.170	100.00	0.07	0.13	0.17	1652866.56	14341639.14	39°29'36.7721"N	80°57'21.1306"W	0.22	52.170	0.51	0.51	0.00	Gyrodata MS Gyro <17-1/2"> (100'-268')
200.00	0.250	17.020	200.00	0.35	0.54	0.49	1652866.88	14341639.55	39°29'36.7760"N	80°57'21.1266"W	0.72	42.172	0.21	-0.11	-35.15	
268.00	0.180	317.120	268.00	0.57	0.76	0.46	1652866.85	14341639.77	39°29'36.7782"N	80°57'21.1270"W	0.88	31.111	0.33	-0.10	-88.09	
388.00	1.210	359.660	387.99	1.94	2.16	0.32	1652866.71	14341641.17	39°29'36.7921"N	80°57'21.1287"W	2.19	8.438	0.90	0.86	35.45	APS EM <12-1/4"> (268')(388'-3060')
478.00	4.790	13.830	477.85	6.01	6.76	1.21	1652867.60	14341645.77	39°29'36.8376"N	80°57'21.1173"W	6.87	10.174	4.03	3.98	15.74	
569.00	7.570	18.660	568.31	13.97	16.13	4.04	1652870.43	14341655.14	39°29'36.9302"N	80°57'21.0812"W	16.63	14.060	3.11	3.05	5.31	
660.00	9.470	20.430	658.31	24.53	28.83	8.57	1652874.96	14341667.83	39°29'37.0556"N	80°57'21.0233"W	30.07	16.559	2.11	2.09	1.95	
750.00	11.540	20.320	746.79	37.25	44.21	14.28	1652880.67	14341683.20	39°29'37.2076"N	80°57'20.9504"W	46.46	17.804	2.30	2.30	-0.12	
840.00	13.570	19.890	834.64	52.48	62.58	21.00	1652887.38	14341701.57	39°29'37.3892"N	80°57'20.8646"W	66.01	18.551	2.26	2.26	-0.48	
930.00	15.730	21.160	921.70	70.08	83.89	29.00	1652895.38	14341722.87	39°29'37.5997"N	80°57'20.7624"W	88.76	19.069	2.43	2.40	1.41	
1020.00	18.070	20.980	1007.81	90.16	108.30	38.40	1652904.78	14341747.27	39°29'37.8410"N	80°57'20.6423"W	114.91	19.523	2.60	2.60	-0.20	
1145.00	22.090	17.680	1125.19	123.98	148.82	52.49	1652918.86	14341787.77	39°29'38.2413"N	80°57'20.4624"W	157.80	19.427	3.34	3.22	-2.64	
1239.00	26.210	15.610	1210.95	155.33	185.67	63.45	1652929.81	14341824.60	39°29'38.6054"N	80°57'20.3224"W	196.21	18.866	4.47	4.38	-2.20	
1334.00	28.920	16.190	1295.16	191.47	227.94	75.50	1652941.86	14341866.86	39°29'39.0232"N	80°57'20.1684"W	240.12	18.326	2.87	2.85	0.61	
1428.00	30.820	20.180	1376.67	228.82	272.38	90.14	1652956.50	14341911.28	39°29'39.4623"N	80°57'19.9813"W	286.91	18.312	2.92	2.02	4.24	
1523.00	32.320	23.780	1457.62	266.45	318.46	108.78	1652975.13	14341957.35	39°29'39.9177"N	80°57'19.7432"W	336.53	18.859	2.53	1.58	3.79	
1618.00	34.240	26.020	1537.04	304.12	365.73	130.75	1652997.09	14342004.59	39°29'40.3847"N	80°57'19.4627"W	388.40	19.672	2.40	2.02	2.36	
1712.00	36.690	27.710	1613.60	342.22	414.36	155.41	1653021.74	14342053.21	39°29'40.8653"N	80°57'19.1478"W	442.55	20.559	2.81	2.61	1.80	
1809.00	38.680	28.180	1690.36	382.86	466.74	183.21	1653049.52	14342105.56	39°29'41.3828"N	80°57'18.7930"W	501.41	21.431	2.07	2.05	0.48	
1904.00	38.830	28.980	1764.44	423.13	518.96	211.65	1653077.96	14342157.76	39°29'41.8988"N	80°57'18.4298"W	560.46	22.188	0.55	0.16	0.84	
1998.00	39.280	27.130	1837.44	463.64	571.23	239.50	1653105.80	14342210.01	39°29'42.4152"N	80°57'18.0742"W	619.40	22.747	1.33	0.48	-1.97	
2093.00	40.410	25.730	1910.38	506.52	625.73	266.59	1653132.87	14342264.49	39°29'42.9538"N	80°57'17.7284"W	680.15	23.076	1.52	1.19	-1.47	
2282.00	39.710	23.160	2055.04	595.11	736.44	316.93	1653183.19	14342375.15	39°29'44.0477"N	80°57'17.0855"W	801.74	23.285	0.95	-0.37	-1.36	
2377.00	37.280	21.930	2129.39	639.49	791.04	339.62	1653205.87	14342429.73	39°29'44.5872"N	80°57'16.7958"W	860.86	23.235	2.68	-2.56	-1.29	
2471.00	36.550	20.330	2204.55	682.78	843.69	359.97	1653226.22	14342482.37	39°29'45.1075"N	80°57'16.5358"W	917.28	23.106	1.28	-0.78	-1.70	
2566.00	36.640	19.220	2280.82	727.06	896.99	379.13	1653245.37	14342535.64	39°29'45.6341"N	80°57'16.2910"W	973.82	22.912	0.70	0.09	-1.17	
2661.00	36.240	17.370	2357.25	772.07	950.56	396.85	1653263.08	14342589.18	39°29'46.1635"N	80°57'16.0647"W	1030.07	22.660	1.23	-0.42	-1.95	
2755.00	35.800	15.400	2433.28	817.25	1003.58	412.44	1653278.67	14342642.19	39°29'46.6875"N	80°57'15.8654"W	1085.03	22.341	1.32	-0.47	-2.10	



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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Operator	ANTERO RESOURCES CORPORATION		Well	Folger Unit 3H
Field	Tyler		API	47-095-02785-0000
Facility	Eldon Pad		Wellbore	Folger Unit 3H AWB
Slot	Slot M			

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	
2850.00	35.430	13.630	2510.51	863.48	1057.13	426.31	1653292.53	14342695.72	39°29'47.2167"N	80°57'15.6881"W	1139.86	21.963	1.15	-0.39	-1.86		
2944.00	34.950	12.140	2587.33	909.57	1109.94	438.40	1653304.61	14342748.50	39°29'47.7385"N	80°57'15.5337"W	1193.38	21.553	1.05	-0.51	-1.59		
3039.00	34.430	10.280	2665.45	956.39	1162.96	448.91	1653315.12	14342801.51	39°29'48.2625"N	80°57'15.3992"W	1246.60	21.107	1.24	-0.55	-1.96		
3060.00	34.330	10.140	2682.78	966.76	1174.64	451.01	1653317.22	14342813.17	39°29'48.3779"N	80°57'15.3723"W	1258.25	21.005	0.61	-0.48	-0.67		
3224.00	34.640	11.080	2817.96	1047.66	1265.90	468.11	1653334.31	14342904.40	39°29'49.2798"N	80°57'15.1536"W	1349.68	20.294	0.38	0.19	0.57	APS EM <8-3/4"> (3060')(3224'-6578')	
3318.00	36.420	17.160	2894.48	1093.43	1318.80	481.49	1653347.68	14342957.28	39°29'49.8025"N	80°57'14.9827"W	1403.95	20.057	4.21	1.89	6.47		
3413.00	37.110	22.700	2970.61	1137.74	1372.20	500.87	1653367.06	14343010.66	39°29'50.3302"N	80°57'14.7350"W	1460.76	20.053	3.56	0.73	5.83		
3508.00	37.640	28.230	3046.12	1178.99	1424.21	525.66	1653391.84	14343062.65	39°29'50.8441"N	80°57'14.4185"W	1518.12	20.258	3.58	0.56	5.82		
3603.00	37.570	28.820	3121.38	1218.30	1475.15	553.34	1653419.51	14343113.56	39°29'51.3474"N	80°57'14.0650"W	1575.51	20.562	0.39	-0.07	0.62		
3697.00	36.880	25.960	3196.24	1257.65	1525.62	579.51	1653445.66	14343164.02	39°29'51.8461"N	80°57'13.7309"W	1631.97	20.799	1.98	-0.73	-3.04		
3792.00	36.200	22.330	3272.57	1299.04	1577.21	602.65	1653468.79	14343215.58	39°29'52.3558"N	80°57'13.4354"W	1688.42	20.912	2.38	-0.72	-3.82		
3887.00	35.070	19.130	3349.79	1341.71	1628.95	622.25	1653488.39	14343267.30	39°29'52.8671"N	80°57'13.1850"W	1743.75	20.907	2.29	-1.19	-3.37		
3982.00	34.400	20.620	3427.86	1383.97	1679.85	640.65	1653506.78	14343318.19	39°29'53.3701"N	80°57'12.9500"W	1797.87	20.875	1.14	-0.71	1.57		
4076.00	34.350	29.240	3505.49	1422.24	1727.87	662.97	1653529.09	14343366.19	39°29'53.8446"N	80°57'12.6650"W	1850.69	20.991	5.17	-0.05	9.17		
4171.00	34.970	29.900	3583.63	1458.14	1774.86	689.63	1653555.74	14343413.16	39°29'54.3089"N	80°57'12.3245"W	1904.13	21.234	0.76	0.65	0.69		
4265.00	34.050	25.500	3661.10	1494.77	1821.97	714.39	1653580.49	14343460.25	39°29'54.7744"N	80°57'12.0083"W	1957.02	21.410	2.83	-0.98	-4.68		
4360.00	32.250	21.120	3740.65	1533.26	1869.63	734.98	1653601.07	14343507.89	39°29'55.2453"N	80°57'11.7454"W	2008.91	21.460	3.15	-1.89	-4.61		
4455.00	32.890	18.860	3820.71	1573.12	1917.69	752.45	1653618.54	14343555.93	39°29'55.7202"N	80°57'11.5222"W	2060.03	21.424	1.45	0.67	-2.38		
4550.00	36.630	20.330	3898.75	1615.55	1968.69	770.64	1653636.72	14343606.91	39°29'56.2242"N	80°57'11.2898"W	2114.15	21.378	4.03	3.94	1.55		
4644.00	40.590	21.260	3972.19	1660.73	2023.51	791.48	1653657.55	14343661.71	39°29'56.7659"N	80°57'11.0236"W	2172.79	21.363	4.26	4.21	0.99		
4739.00	41.250	21.280	4043.97	1708.36	2081.50	814.05	1653680.12	14343719.67	39°29'57.3388"N	80°57'10.7353"W	2235.02	21.360	0.69	0.69	0.02		
4833.00	40.160	16.560	4115.24	1756.81	2139.44	833.95	1653700.00	14343777.59	39°29'57.9114"N	80°57'10.4811"W	2296.23	21.296	3.47	-1.16	-5.02		
4928.00	38.890	15.510	4188.52	1806.43	2197.54	850.65	1653716.70	14343835.67	39°29'58.4856"N	80°57'10.2676"W	2356.44	21.161	1.51	-1.34	-1.11		
5022.00	34.890	20.780	4263.71	1851.56	2251.15	868.09	1653734.13	14343889.25	39°29'59.0153"N	80°57'10.0448"W	2412.73	21.088	5.42	-4.26	5.61		
5117.00	33.070	25.730	4342.49	1891.00	2299.91	888.99	1653755.02	14343938.00	39°29'59.4972"N	80°57'9.7779"W	2465.75	21.133	3.48	-1.92	5.21		
5212.00	33.850	25.220	4421.75	1928.51	2347.20	911.52	1653777.54	14343985.27	39°29'59.9644"N	80°57'9.4902"W	2517.98	21.223	0.87	0.82	-0.54		
5307.00	35.450	25.680	4499.90	1967.20	2395.97	934.73	1653800.74	14344034.01	39°30'0.4463"N	80°57'9.1937"W	2571.84	21.312	1.71	1.68	0.48		
5402.00	34.140	22.120	4577.92	2007.01	2445.50	956.71	1653822.72	14344083.53	39°30'0.9357"N	80°57'8.9130"W	2625.98	21.366	2.54	-1.38	-3.75		
5496.00	33.650	20.120	4655.95	2047.21	2494.39	975.60	1653841.60	14344132.40	39°30'1.4188"N	80°57'8.6717"W	2678.39	21.361	1.30	-0.52	-2.13		
5591.00	33.360	22.490	4735.16	2087.32	2543.24	994.65	1653860.64	14344181.23	39°30'1.9015"N	80°57'8.4284"W	2730.82	21.360	1.41	-0.31	2.49		



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Folger Unit 3H AWP Proj: 21962'

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REFERENCE WELLPATH IDENTIFICATION				
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Field	Tyler		API	47-095-02785-0000
Facility	Eldon Pad		Wellbore	Folger Unit 3H AWB
Slot	Slot M			

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5686.00	34.040	22.180	4814.20	2127.03	2592.00	1014.68	1653880.66	14344229.97	39°30'2.3833"N	80°57'8.1725"W	2783.53	21.379	0.74	0.72	-0.33	
5781.00	33.960	21.600	4892.96	2167.32	2641.29	1034.48	1653900.46	14344279.24	39°30'2.8703"N	80°57'7.9195"W	2836.65	21.388	0.35	-0.08	-0.61	
5876.00	33.990	18.920	4971.75	2208.54	2691.08	1052.86	1653918.83	14344329.01	39°30'3.3624"N	80°57'7.6847"W	2889.71	21.367	1.58	0.03	-2.82	
5971.00	34.650	17.900	5050.21	2251.20	2741.90	1069.77	1653935.73	14344379.81	39°30'3.8646"N	80°57'7.4687"W	2943.20	21.314	0.92	0.69	-1.07	
6066.00	39.070	21.130	5126.20	2295.84	2795.56	1088.88	1653954.83	14344433.45	39°30'4.3948"N	80°57'7.2246"W	3000.14	21.281	5.08	4.65	3.40	
6160.00	38.640	18.600	5199.41	2341.88	2851.01	1108.92	1653974.86	14344488.87	39°30'4.9427"N	80°57'6.9685"W	3059.08	21.254	1.75	-0.46	-2.69	
6255.00	35.810	14.010	5275.06	2388.83	2906.11	1125.11	1653991.05	14344543.95	39°30'5.4872"N	80°57'6.7616"W	3116.30	21.164	4.17	-2.98	-4.83	
6350.00	33.100	13.980	5353.39	2434.01	2958.26	1138.11	1654004.04	14344596.08	39°30'6.0025"N	80°57'6.5954"W	3169.63	21.043	2.85	-2.85	-0.03	
6445.00	33.060	17.990	5433.00	2476.58	3008.08	1152.38	1654018.31	14344645.88	39°30'6.4948"N	80°57'6.4130"W	3221.26	20.962	2.30	-0.04	4.22	
6539.00	30.330	16.420	5512.97	2516.52	3055.24	1167.01	1654032.93	14344693.02	39°30'6.9609"N	80°57'6.2260"W	3270.54	20.905	3.03	-2.90	-1.67	
6578.00	29.660	18.790	5546.75	2532.21	3073.82	1172.90	1654038.82	14344711.60	39°30'7.1445"N	80°57'6.1507"W	3290.00	20.886	3.49	-1.72	6.08	
6638.00	27.330	19.760	5599.48	2554.75	3100.84	1182.34	1654048.26	14344738.61	39°30'7.4115"N	80°57'6.0301"W	3318.61	20.872	3.96	-3.88	1.62	BH AT Curve (x-Short) <8-1/2"> (6578')(6638'-21938')
6750.00	35.770	26.020	5694.86	2598.17	3154.57	1205.44	1654071.35	14344792.31	39°30'7.9423"N	80°57'5.7351"W	3377.04	20.913	8.07	7.54	5.59	
6845.00	41.460	20.760	5769.08	2642.17	3208.98	1228.80	1654094.69	14344846.70	39°30'8.4800"N	80°57'5.4368"W	3436.21	20.953	6.91	5.99	-5.54	
6940.00	45.830	11.230	5838.00	2695.90	3271.79	1246.59	1654112.47	14344909.49	39°30'9.1007"N	80°57'5.2094"W	3501.23	20.857	8.18	4.39	-10.03	
7025.00†	50.172	6.161	5894.99	2751.85	3334.10	1256.01	1654121.90	14344971.77	39°30'9.7164"N	80°57'5.0887"W	3562.83	20.642	6.93	5.34	-5.96	Sycamore: 7025' MD
7035.00	50.720	5.610	5901.36	2758.85	3341.77	1256.80	1654122.69	14344979.43	39°30'9.7922"N	80°57'5.0786"W	3570.29	20.611	6.93	5.48	-5.51	
7130.00	57.120	4.950	5957.28	2828.92	3418.18	1263.85	1654129.73	14345055.82	39°30'10.5474"N	80°57'4.9882"W	3644.35	20.292	6.76	6.74	-0.69	
7198.00†	58.516	2.753	5993.50	2882.04	3475.60	1267.70	1654133.58	14345113.21	39°30'11.1149"N	80°57'4.9386"W	3699.57	20.039	3.42	2.05	-3.23	Middlesex: 7198' MD
7224.00	59.060	1.930	6006.97	2902.78	3497.81	1268.61	1654134.49	14345135.42	39°30'11.3344"N	80°57'4.9269"W	3720.76	19.935	3.42	2.09	-3.16	
7319.00	63.800	0.210	6052.39	2981.23	3581.20	1270.14	1654136.02	14345218.78	39°30'12.1586"N	80°57'4.9068"W	3799.77	19.528	5.24	4.99	-1.81	
7374.00†	67.285	358.494	6075.16	3028.80	3631.26	1269.56	1654135.44	14345268.81	39°30'12.6533"N	80°57'4.9138"W	3846.79	19.271	6.94	6.34	-3.12	Burkett: 7374' MD
7414.00	69.830	357.300	6089.79	3064.46	3668.46	1268.19	1654134.08	14345305.99	39°30'13.0210"N	80°57'4.9310"W	3881.48	19.070	6.94	6.36	-2.98	
7443.00†	72.131	356.916	6099.24	3090.83	3695.84	1266.81	1654132.69	14345333.36	39°30'13.2916"N	80°57'4.9485"W	3906.92	18.920	8.03	7.93	-1.32	Marcellus POE: 7443' MD
7508.00	77.290	356.090	6116.37	3151.29	3758.40	1262.98	1654128.87	14345395.90	39°30'13.9099"N	80°57'4.9969"W	3964.93	18.575	8.03	7.94	-1.27	
7603.00	82.810	352.840	6132.78	3242.32	3851.48	1253.94	1654119.83	14345488.94	39°30'14.8299"N	80°57'5.1116"W	4050.47	18.034	6.72	5.81	-3.42	
7697.00	88.860	347.410	6139.61	3334.87	3943.76	1237.86	1654103.75	14345581.19	39°30'15.7421"N	80°57'5.3162"W	4133.47	17.426	8.64	6.44	-5.78	
7792.00	89.690	342.220	6140.82	3429.64	4035.41	1212.98	1654078.89	14345672.80	39°30'16.6480"N	80°57'5.6329"W	4213.77	16.730	5.53	0.87	-5.46	
7886.00	90.030	342.580	6141.04	3523.62	4125.01	1184.56	1654050.48	14345762.36	39°30'17.5336"N	80°57'5.9948"W	4291.72	16.022	0.53	0.36	0.38	
7981.00	89.910	342.030	6141.09	3618.60	4215.51	1155.69	1654021.61	14345852.83	39°30'18.4283"N	80°57'6.3626"W	4371.06	15.331	0.59	-0.13	-0.58	



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

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
8075.00	89.600	342.100	6141.50	3712.59	4304.94	1126.74	1653992.68	14345942.22	39°30'19.3123"N	80°57'6.7313"W	4449.95	14.667	0.34	-0.33	0.07	
8170.00	89.080	340.950	6142.59	3807.58	4395.04	1096.64	1653962.59	14346032.28	39°30'20.2029"N	80°57'7.1147"W	4529.79	14.010	1.33	-0.55	-1.21	
8265.00	90.250	342.470	6143.15	3902.57	4485.23	1066.83	1653932.79	14346122.44	39°30'21.0945"N	80°57'7.4944"W	4610.36	13.379	2.02	1.23	1.60	
8359.00	90.770	343.600	6142.31	3996.52	4575.14	1039.40	1653905.37	14346212.31	39°30'21.9832"N	80°57'7.8437"W	4691.72	12.799	1.32	0.55	1.20	
8454.00	90.030	343.300	6141.65	4091.44	4666.20	1012.34	1653878.32	14346303.33	39°30'22.8834"N	80°57'8.1883"W	4774.75	12.241	0.84	-0.78	-0.32	
8549.00	90.490	342.300	6141.22	4186.40	4756.95	984.25	1653850.24	14346394.05	39°30'23.7804"N	80°57'8.5461"W	4857.71	11.690	1.16	0.48	-1.05	
8643.00	90.370	339.090	6140.51	4280.38	4845.65	953.18	1653819.19	14346482.71	39°30'24.6572"N	80°57'8.9419"W	4938.51	11.128	3.42	-0.13	-3.41	
8738.00	90.650	340.400	6139.66	4375.35	4934.77	920.29	1653786.31	14346571.80	39°30'25.5382"N	80°57'9.3609"W	5019.85	10.564	1.41	0.29	1.38	
8832.00	90.060	340.590	6139.08	4469.34	5023.37	888.91	1653754.94	14346660.36	39°30'26.4141"N	80°57'9.7607"W	5101.41	10.035	0.66	-0.63	0.20	
8927.00	90.650	340.700	6138.49	4564.33	5113.00	857.42	1653723.47	14346749.96	39°30'27.3001"N	80°57'10.1618"W	5184.39	9.520	0.63	0.62	0.12	
9021.00	90.460	340.470	6137.58	4658.32	5201.65	826.18	1653692.24	14346838.57	39°30'28.1764"N	80°57'10.5598"W	5266.85	9.025	0.32	-0.20	-0.24	
9116.00	91.880	342.620	6135.64	4753.29	5291.74	796.11	1653662.18	14346928.62	39°30'29.0669"N	80°57'10.9428"W	5351.29	8.556	2.71	1.49	2.26	
9211.00	90.430	337.720	6133.73	4848.22	5381.06	763.90	1653629.99	14347017.91	39°30'29.9498"N	80°57'11.3531"W	5435.01	8.080	5.38	-1.53	-5.16	
9306.00	90.950	341.260	6132.58	4943.16	5470.01	730.62	1653596.72	14347106.83	39°30'30.8292"N	80°57'11.7771"W	5518.59	7.608	3.77	0.55	3.73	
9400.00	90.090	340.440	6131.73	5037.15	5558.81	699.79	1653565.90	14347195.58	39°30'31.7069"N	80°57'12.1699"W	5602.68	7.175	1.26	-0.91	-0.87	
9495.00	90.370	340.210	6131.35	5132.14	5648.26	667.81	1653533.93	14347285.00	39°30'32.5912"N	80°57'12.5774"W	5687.60	6.743	0.38	0.29	-0.24	
9590.00	90.250	338.610	6130.83	5227.09	5737.19	634.40	1653500.53	14347373.89	39°30'33.4703"N	80°57'13.0030"W	5772.16	6.310	1.69	-0.13	-1.68	
9684.00	91.200	340.760	6129.64	5321.04	5825.33	601.77	1653467.92	14347462.00	39°30'34.3415"N	80°57'13.4188"W	5856.33	5.898	2.50	1.01	2.29	
9779.00	90.280	339.290	6128.42	5416.01	5914.60	569.32	1653435.48	14347551.24	39°30'35.2240"N	80°57'13.8322"W	5941.94	5.498	1.83	-0.97	-1.55	
9874.00	91.020	341.430	6127.34	5510.99	6004.08	537.39	1653403.57	14347640.66	39°30'36.1084"N	80°57'14.2389"W	6028.08	5.115	2.38	0.78	2.25	
9968.00	90.310	340.550	6126.25	5604.98	6092.93	506.78	1653372.96	14347729.49	39°30'36.9868"N	80°57'14.6290"W	6113.97	4.755	1.20	-0.76	-0.94	
10063.00	90.150	339.240	6125.87	5699.95	6182.14	474.12	1653340.32	14347818.66	39°30'37.8687"N	80°57'15.0450"W	6200.29	4.386	1.39	-0.17	-1.38	
10158.00	90.280	339.670	6125.51	5794.90	6271.09	440.78	1653306.99	14347907.58	39°30'38.7480"N	80°57'15.4698"W	6286.57	4.021	0.47	0.14	0.45	
10253.00	90.980	340.680	6124.47	5889.88	6360.46	408.57	1653274.79	14347996.91	39°30'39.6314"N	80°57'15.8803"W	6373.57	3.675	1.29	0.74	1.06	
10348.00	90.000	339.040	6123.65	5984.85	6449.64	375.86	1653242.10	14348086.06	39°30'40.5130"N	80°57'16.2970"W	6460.58	3.335	2.01	-1.03	-1.73	
10443.00	90.680	339.930	6123.09	6079.80	6538.61	342.57	1653208.82	14348175.00	39°30'41.3925"N	80°57'16.7212"W	6547.58	2.999	1.18	0.72	0.94	
10538.00	90.400	340.680	6122.19	6174.78	6628.05	310.55	1653176.82	14348264.40	39°30'42.2766"N	80°57'17.1291"W	6635.32	2.683	0.84	-0.29	0.79	
10633.00	90.550	339.610	6121.41	6269.76	6717.40	278.29	1653144.57	14348353.71	39°30'43.1598"N	80°57'17.5402"W	6723.16	2.372	1.14	0.16	-1.13	
10727.00	90.950	341.390	6120.18	6363.74	6806.00	246.91	1653113.20	14348442.27	39°30'44.0356"N	80°57'17.9399"W	6810.47	2.078	1.94	0.43	1.89	
10822.00	90.280	340.330	6119.16	6458.73	6895.74	215.77	1653082.07	14348531.98	39°30'44.9227"N	80°57'18.3367"W	6899.11	1.792	1.32	-0.71	-1.12	



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Folger Unit 3H
Field	Tyler		API	47-095-02785-0000
Facility	Eldon Pad		Wellbore	Folger Unit 3H AWB
Slot	Slot M			

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
10917.00	90.680	340.100	6118.36	6553.72	6985.13	183.61	1653049.93	14348621.33	39°30'45.8063"N	80°57'18.7465"W	6987.54	1.506	0.49	0.42	-0.24	
11011.00	90.890	340.040	6117.07	6647.69	7073.49	151.57	1653017.90	14348709.66	39°30'46.6798"N	80°57'19.1547"W	7075.11	1.228	0.23	0.22	-0.06	
11106.00	90.280	336.190	6116.10	6742.53	7161.62	116.17	1652982.51	14348797.75	39°30'47.5510"N	80°57'19.6058"W	7162.56	0.929	4.10	-0.64	-4.05	
11201.00	90.310	338.660	6115.61	6837.31	7249.33	79.70	1652946.06	14348885.43	39°30'48.4181"N	80°57'20.0706"W	7249.77	0.630	2.60	0.03	2.60	
11295.00	90.990	342.250	6114.55	6931.28	7337.90	48.26	1652914.63	14348973.96	39°30'49.2935"N	80°57'20.4712"W	7338.05	0.377	3.89	0.72	3.82	
11390.00	90.250	340.150	6113.52	7026.27	7427.82	17.65	1652884.04	14349063.84	39°30'50.1824"N	80°57'20.8612"W	7427.84	0.136	2.34	-0.78	-2.21	
11484.00	90.710	342.490	6112.73	7120.26	7516.86	-12.45	1652853.94	14349152.84	39°30'51.0625"N	80°57'21.2447"W	7516.87	359.905	2.54	0.49	2.49	
11579.00	90.880	341.710	6111.58	7215.24	7607.25	-41.65	1652824.76	14349243.20	39°30'51.9561"N	80°57'21.6167"W	7607.36	359.686	0.82	-0.03	-0.82	
11674.00	90.740	343.680	6110.40	7310.20	7697.94	-69.90	1652796.52	14349333.85	39°30'52.8525"N	80°57'21.9766"W	7698.26	359.480	2.07	0.06	2.07	
11768.00	90.150	341.690	6109.67	7404.16	7787.67	-97.88	1652768.55	14349423.55	39°30'53.7395"N	80°57'22.3330"W	7788.29	359.280	2.21	-0.63	-2.12	
11863.00	90.920	342.690	6108.78	7499.14	7878.11	-126.93	1652739.51	14349513.96	39°30'54.6335"N	80°57'22.7032"W	7879.13	359.077	1.33	0.81	1.05	
11957.00	90.220	340.700	6107.85	7593.12	7967.35	-156.45	1652710.00	14349603.15	39°30'55.5156"N	80°57'23.0793"W	7968.88	358.875	2.24	-0.74	-2.12	
12052.00	90.680	343.410	6107.10	7688.10	8057.71	-185.72	1652680.75	14349693.49	39°30'56.4088"N	80°57'23.4522"W	8059.85	358.680	2.89	0.48	2.85	
12146.00	90.060	341.260	6106.50	7782.07	8147.27	-214.24	1652652.24	14349783.01	39°30'57.2941"N	80°57'23.8155"W	8150.09	358.494	2.38	-0.66	-2.29	
12241.00	90.650	342.770	6105.91	7877.06	8237.63	-243.57	1652622.92	14349873.33	39°30'58.1873"N	80°57'24.1892"W	8241.23	358.306	1.71	0.62	1.59	
12335.00	90.650	342.680	6104.84	7971.02	8327.38	-271.48	1652595.01	14349963.04	39°30'59.0745"N	80°57'24.5448"W	8331.80	358.133	0.10	0.00	-0.10	
12429.00	90.890	342.770	6103.58	8064.98	8417.13	-299.40	1652567.11	14350052.76	39°30'59.9616"N	80°57'24.9004"W	8422.45	357.963	0.27	0.26	0.10	
12524.00	90.680	342.330	6102.28	8159.94	8507.75	-327.88	1652538.64	14350143.34	39°31'0.8574"N	80°57'25.2634"W	8514.07	357.793	0.51	-0.22	-0.46	
12618.00	90.150	342.760	6101.59	8253.92	8597.42	-356.08	1652510.46	14350232.97	39°31'1.7437"N	80°57'25.6226"W	8604.79	357.628	0.73	-0.56	0.46	
12712.00	90.620	342.280	6100.96	8347.89	8687.08	-384.31	1652482.23	14350322.60	39°31'2.6300"N	80°57'25.9823"W	8695.57	357.467	0.71	0.50	-0.51	
12807.00	90.860	342.490	6099.74	8442.86	8777.61	-413.06	1652453.50	14350413.10	39°31'3.5249"N	80°57'26.3485"W	8787.33	357.306	0.34	0.25	0.22	
12901.00	90.430	341.930	6098.68	8536.84	8867.11	-441.77	1652424.79	14350502.56	39°31'4.4096"N	80°57'26.7144"W	8878.11	357.148	0.75	-0.46	-0.60	
12996.00	90.680	341.820	6097.76	8631.83	8957.39	-471.33	1652395.25	14350592.81	39°31'5.3020"N	80°57'27.0910"W	8969.79	356.988	0.29	0.26	-0.12	
13091.00	90.460	341.940	6096.81	8726.82	9047.68	-500.87	1652365.72	14350683.05	39°31'6.1945"N	80°57'27.4674"W	9061.53	356.831	0.26	-0.23	0.13	
13186.00	90.430	341.770	6096.07	8821.81	9137.95	-530.46	1652336.15	14350773.29	39°31'7.0868"N	80°57'27.8444"W	9153.34	356.678	0.18	-0.03	-0.18	
13280.00	90.430	341.950	6095.37	8915.80	9227.28	-559.72	1652306.89	14350862.58	39°31'7.9698"N	80°57'28.2173"W	9244.24	356.529	0.19	0.00	0.19	
13375.00	89.910	341.810	6095.09	9010.79	9317.57	-589.27	1652277.36	14350952.83	39°31'8.8623"N	80°57'28.5938"W	9336.18	356.381	0.57	-0.55	-0.15	
13469.00	89.850	339.440	6095.28	9104.78	9406.24	-620.45	1652246.19	14351041.47	39°31'9.7388"N	80°57'28.9911"W	9426.68	356.226	2.52	-0.06	-2.52	
13564.00	90.490	341.940	6095.00	9199.77	9495.88	-651.86	1652214.79	14351131.08	39°31'10.6249"N	80°57'29.3914"W	9518.23	356.073	2.72	0.67	2.63	
13658.00	90.090	341.380	6094.53	9293.76	9585.11	-681.44	1652185.23	14351220.27	39°31'11.5069"N	80°57'29.7683"W	9609.30	355.933	0.73	-0.43	-0.60	



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

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
13753.00	90.180	341.620	6094.30	9388.76	9675.20	-711.58	1652155.10	14351310.32	39°31'12.3974"N	80°57'30.1524"W	9701.33	355.794	0.27	0.09	0.25	
13847.00	90.460	340.620	6093.78	9482.76	9764.14	-742.00	1652124.69	14351399.22	39°31'13.2766"N	80°57'30.5400"W	9792.29	355.654	1.10	0.30	-1.06	
13942.00	90.280	341.180	6093.16	9577.76	9853.91	-773.08	1652093.62	14351488.96	39°31'14.1639"N	80°57'30.9361"W	9884.18	355.514	0.62	-0.19	0.59	
14036.00	90.310	340.900	6092.68	9671.75	9942.80	-803.62	1652063.09	14351577.82	39°31'15.0427"N	80°57'31.3253"W	9975.23	355.379	0.30	0.03	-0.30	
14131.00	90.620	341.640	6091.91	9766.75	10032.77	-834.13	1652032.60	14351667.75	39°31'15.9320"N	80°57'31.7141"W	10067.38	355.247	0.84	0.33	0.78	
14225.00	90.340	341.620	6091.12	9860.74	10121.98	-863.75	1652002.99	14351756.92	39°31'16.8138"N	80°57'32.0916"W	10158.76	355.123	0.30	-0.30	-0.02	
14320.00	90.280	341.520	6090.61	9955.74	10212.10	-893.78	1651972.97	14351847.01	39°31'17.7047"N	80°57'32.4743"W	10251.14	354.998	0.12	-0.06	-0.11	
14414.00	90.550	341.410	6089.93	10049.74	10301.22	-923.66	1651943.10	14351936.09	39°31'18.5856"N	80°57'32.8551"W	10342.55	354.876	0.31	0.29	-0.12	
14509.00	90.460	341.500	6089.09	10144.73	10391.29	-953.88	1651912.90	14352026.12	39°31'19.4759"N	80°57'33.2401"W	10434.98	354.755	0.13	-0.09	0.09	
14604.00	90.150	341.300	6088.58	10239.73	10481.32	-984.18	1651882.61	14352116.12	39°31'20.3659"N	80°57'33.6262"W	10527.43	354.636	0.39	-0.33	-0.21	
14698.00	90.030	341.980	6088.44	10333.73	10570.54	-1013.79	1651853.01	14352205.30	39°31'21.2477"N	80°57'34.0035"W	10619.04	354.522	0.73	-0.13	0.72	
14793.00	90.400	342.320	6088.08	10428.71	10660.96	-1042.91	1651823.90	14352295.69	39°31'22.1416"N	80°57'34.3746"W	10711.85	354.413	0.53	0.39	0.36	
14888.00	90.120	342.080	6087.65	10523.70	10751.42	-1071.95	1651794.87	14352386.11	39°31'23.0357"N	80°57'34.7447"W	10804.72	354.306	0.39	-0.29	-0.25	
14983.00	89.570	341.710	6087.91	10618.69	10841.71	-1101.47	1651765.36	14352476.36	39°31'23.9282"N	80°57'35.1209"W	10897.52	354.199	0.70	-0.58	-0.39	
15077.00	89.660	341.130	6088.54	10712.69	10930.81	-1131.42	1651735.43	14352565.43	39°31'24.8089"N	80°57'35.5026"W	10989.21	354.091	0.62	0.10	-0.62	
15172.00	89.690	340.440	6089.08	10807.68	11020.51	-1162.68	1651704.17	14352655.10	39°31'25.6957"N	80°57'35.9011"W	11081.68	353.977	0.73	0.03	-0.73	
15267.00	89.880	342.510	6089.43	10902.68	11110.59	-1192.87	1651674.00	14352745.13	39°31'26.5860"N	80°57'36.2857"W	11174.44	353.872	2.19	0.20	2.18	
15361.00	89.910	341.940	6089.61	10996.66	11200.10	-1221.56	1651645.32	14352834.61	39°31'27.4708"N	80°57'36.6514"W	11266.52	353.776	0.61	0.03	-0.61	
15456.00	89.480	341.990	6090.11	11091.65	11290.43	-1250.97	1651615.92	14352924.90	39°31'28.3637"N	80°57'37.0262"W	11359.52	353.677	0.46	-0.45	0.05	
15550.00	90.030	341.520	6090.51	11185.65	11379.70	-1280.40	1651586.50	14353014.14	39°31'29.2461"N	80°57'37.4012"W	11451.51	353.580	0.77	0.59	-0.50	
15645.00	89.720	341.500	6090.72	11280.64	11469.80	-1310.53	1651556.39	14353104.20	39°31'30.1367"N	80°57'37.7852"W	11544.43	353.482	0.33	-0.33	-0.02	
15740.00	90.370	339.120	6090.65	11375.62	11559.24	-1342.54	1651524.39	14353193.60	39°31'31.0208"N	80°57'38.1932"W	11636.94	353.375	2.60	0.68	-2.51	
15834.00	90.340	342.410	6090.06	11469.61	11647.98	-1373.50	1651493.44	14353282.31	39°31'31.8980"N	80°57'38.5878"W	11728.68	353.275	3.50	-0.03	3.50	
15929.00	90.030	341.900	6089.76	11564.59	11738.40	-1402.61	1651464.34	14353372.70	39°31'32.7918"N	80°57'38.9588"W	11821.91	353.186	0.63	-0.33	-0.54	
16024.00	90.680	342.680	6089.17	11659.58	11828.87	-1431.59	1651435.38	14353463.13	39°31'33.6861"N	80°57'39.3281"W	11915.19	353.099	0.99	0.68	0.72	
16118.00	90.460	340.410	6088.23	11753.56	11918.00	-1461.42	1651405.56	14353552.23	39°31'34.5671"N	80°57'39.7083"W	12007.27	353.009	2.32	-0.23	-2.31	
16213.00	90.890	340.640	6087.11	11848.55	12007.56	-1493.09	1651373.90	14353641.75	39°31'35.4524"N	80°57'40.1119"W	12100.04	352.912	0.51	0.45	0.24	
16307.00	90.920	340.520	6085.63	11942.53	12096.20	-1524.34	1651342.66	14353730.35	39°31'36.3286"N	80°57'40.5103"W	12191.87	352.818	0.13	0.03	-0.13	
16402.00	91.350	340.350	6083.75	12037.50	12185.70	-1556.15	1651310.87	14353819.81	39°31'37.2132"N	80°57'40.9157"W	12284.66	352.723	0.49	0.45	-0.18	
16497.00	91.390	340.560	6081.48	12132.47	12275.20	-1587.92	1651279.11	14353909.28	39°31'38.0979"N	80°57'41.3207"W	12377.48	352.629	0.22	0.04	0.22	



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

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
16591.00	90.770	340.710	6079.70	12226.45	12363.87	-1619.08	1651247.96	14353997.91	39°31'38.9744"N	80°57'41.7179"W	12469.43	352.539	0.68	-0.66	0.16	
16686.00	91.780	340.510	6077.59	12321.42	12453.45	-1650.61	1651216.44	14354087.46	39°31'39.8599"N	80°57'42.1198"W	12562.37	352.450	1.08	1.06	-0.21	
16781.00	91.450	341.170	6074.91	12416.38	12543.16	-1681.78	1651185.28	14354177.13	39°31'40.7466"N	80°57'42.5171"W	12655.40	352.363	0.78	-0.35	0.69	
16875.00	90.860	340.450	6073.02	12510.35	12631.91	-1712.67	1651154.41	14354265.85	39°31'41.6240"N	80°57'42.9108"W	12747.49	352.279	0.99	-0.63	-0.77	
16969.00	90.400	340.390	6071.98	12604.34	12720.47	-1744.17	1651122.92	14354354.37	39°31'42.4994"N	80°57'43.3123"W	12839.49	352.193	0.49	-0.49	-0.06	
17064.00	90.550	340.350	6071.20	12699.33	12809.95	-1776.09	1651091.02	14354443.81	39°31'43.3838"N	80°57'43.7191"W	12932.49	352.106	0.16	0.16	-0.04	
17158.00	89.820	339.980	6070.89	12793.31	12898.37	-1807.98	1651059.14	14354532.20	39°31'44.2578"N	80°57'44.1257"W	13024.47	352.021	0.87	-0.78	-0.39	
17253.00	90.000	340.310	6071.04	12888.29	12987.72	-1840.25	1651026.88	14354621.51	39°31'45.1411"N	80°57'44.5370"W	13117.45	351.935	0.40	0.19	0.35	
17348.00	90.090	340.490	6070.97	12983.28	13077.22	-1872.11	1650995.03	14354710.97	39°31'46.0257"N	80°57'44.9432"W	13210.54	351.853	0.21	0.09	0.19	
17443.00	89.940	340.870	6070.94	13078.28	13166.87	-1903.54	1650963.61	14354800.59	39°31'46.9119"N	80°57'45.3439"W	13303.75	351.774	0.43	-0.16	0.40	
17537.00	89.660	340.160	6071.27	13172.27	13255.48	-1934.90	1650932.27	14354889.17	39°31'47.7878"N	80°57'45.7435"W	13395.96	351.695	0.81	-0.30	-0.76	
17632.00	89.820	340.570	6071.70	13267.26	13344.96	-1966.82	1650900.36	14354978.61	39°31'48.6723"N	80°57'46.1505"W	13489.12	351.616	0.46	0.17	0.43	
17727.00	89.630	340.580	6072.16	13362.25	13434.55	-1998.41	1650868.78	14355068.16	39°31'49.5578"N	80°57'46.5532"W	13582.37	351.539	0.20	-0.20	0.01	
17822.00	89.850	340.570	6072.59	13457.25	13524.14	-2030.01	1650837.20	14355157.72	39°31'50.4434"N	80°57'46.9560"W	13675.65	351.463	0.23	0.23	-0.01	
17917.00	89.820	340.430	6072.86	13552.24	13613.69	-2061.72	1650805.50	14355247.23	39°31'51.3286"N	80°57'47.3602"W	13768.92	351.388	0.15	-0.03	-0.15	
18011.00	89.750	340.480	6073.22	13646.23	13702.27	-2093.17	1650774.06	14355335.78	39°31'52.2042"N	80°57'47.7611"W	13861.23	351.315	0.09	-0.07	0.05	
18106.00	89.690	340.560	6073.68	13741.22	13791.84	-2124.85	1650742.40	14355425.30	39°31'53.0895"N	80°57'48.1649"W	13954.56	351.242	0.11	-0.06	0.08	
18201.00	89.780	340.470	6074.12	13836.21	13881.39	-2156.54	1650710.72	14355514.83	39°31'53.9748"N	80°57'48.5689"W	14047.91	351.169	0.13	0.09	-0.09	
18295.00	89.780	340.110	6074.48	13930.20	13969.89	-2188.24	1650679.03	14355603.28	39°31'54.8495"N	80°57'48.9730"W	14140.23	351.098	0.38	0.00	-0.38	
18390.00	89.480	340.440	6075.09	14025.18	14059.31	-2220.30	1650646.98	14355692.67	39°31'55.7334"N	80°57'49.3818"W	14233.55	351.026	0.47	-0.32	0.35	
18485.00	90.120	340.340	6075.42	14120.17	14148.80	-2252.18	1650615.11	14355782.12	39°31'56.6180"N	80°57'49.7882"W	14326.93	350.956	0.68	0.67	-0.11	
18580.00	90.280	340.830	6075.09	14215.17	14238.40	-2283.76	1650583.55	14355871.68	39°31'57.5036"N	80°57'50.1908"W	14420.38	350.888	0.54	0.17	0.52	
18674.00	90.150	340.540	6074.74	14309.16	14327.10	-2314.85	1650552.47	14355960.36	39°31'58.3805"N	80°57'50.5871"W	14512.91	350.822	0.34	-0.14	-0.31	
18769.00	90.250	340.650	6074.41	14404.16	14416.71	-2346.42	1650520.92	14356049.92	39°31'59.2662"N	80°57'50.9895"W	14606.41	350.756	0.16	0.11	0.12	
18864.00	90.250	339.330	6073.99	14499.13	14505.97	-2378.92	1650488.42	14356139.15	39°32'0.1485"N	80°57'51.4039"W	14699.74	350.687	1.39	0.00	-1.39	
18959.00	91.050	340.520	6072.92	14594.10	14595.19	-2411.53	1650455.83	14356228.33	39°32'1.0304"N	80°57'51.8196"W	14793.07	350.618	1.51	0.84	1.25	
19054.00	90.520	339.930	6071.62	14689.08	14684.58	-2443.67	1650423.71	14356317.69	39°32'1.9140"N	80°57'52.2294"W	14886.51	350.552	0.83	-0.56	-0.62	
19148.00	90.520	340.090	6070.76	14783.05	14772.91	-2475.80	1650391.59	14356405.98	39°32'2.7872"N	80°57'52.6390"W	14978.93	350.486	0.17	0.00	0.17	
19243.00	90.520	340.400	6069.90	14878.03	14862.32	-2507.91	1650359.49	14356495.35	39°32'3.6709"N	80°57'53.0484"W	15072.43	350.422	0.33	0.00	0.33	
19337.00	90.770	340.400	6068.84	14972.02	14950.86	-2539.44	1650327.97	14356583.87	39°32'4.5462"N	80°57'53.4504"W	15164.99	350.360	0.27	0.27	0.00	



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

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
19432.00	91.170	340.840	6067.23	15067.00	15040.47	-2570.96	1650296.47	14356673.43	39°32'5.4319"N	80°57'53.8522"W	15258.62	350.300	0.63	0.42	0.46	
19527.00	90.710	340.110	6065.67	15161.98	15129.99	-2602.70	1650264.73	14356762.92	39°32'6.3168"N	80°57'54.2569"W	15352.22	350.239	0.91	-0.48	-0.77	
19717.00	90.920	341.450	6062.97	15351.95	15309.38	-2665.24	1650202.22	14356942.24	39°32'8.0900"N	80°57'55.0543"W	15539.65	350.124	0.71	0.11	0.71	
19812.00	90.620	340.440	6061.70	15446.94	15399.16	-2696.25	1650171.22	14357031.99	39°32'8.9775"N	80°57'55.4496"W	15633.43	350.069	1.11	-0.32	-1.06	
19907.00	90.980	341.490	6060.37	15541.93	15488.96	-2727.24	1650140.25	14357121.75	39°32'9.8651"N	80°57'55.8446"W	15727.23	350.014	1.17	0.38	1.11	
20002.00	90.980	340.580	6058.74	15636.91	15578.79	-2758.10	1650109.39	14357211.54	39°32'10.7530"N	80°57'56.2382"W	15821.05	349.960	0.96	0.00	-0.96	
20097.00	90.770	341.540	6057.29	15731.90	15668.63	-2788.94	1650078.58	14357301.35	39°32'11.6411"N	80°57'56.6312"W	15914.91	349.907	1.03	-0.22	1.01	
20192.00	91.020	341.480	6055.81	15826.89	15758.72	-2819.06	1650048.46	14357391.40	39°32'12.5315"N	80°57'57.0153"W	16008.88	349.858	0.27	0.26	-0.06	
20287.00	91.290	341.340	6053.89	15921.87	15848.74	-2849.34	1650018.20	14357481.38	39°32'13.4214"N	80°57'57.4013"W	16102.84	349.808	0.32	0.28	-0.15	
20382.00	91.020	340.610	6051.98	16016.84	15938.53	-2880.30	1649987.25	14357571.14	39°32'14.3089"N	80°57'57.7981"W	16196.70	349.756	0.82	-0.28	-0.77	
20572.00	90.620	341.760	6049.26	16206.82	16118.36	-2941.57	1649926.00	14357750.89	39°32'16.0864"N	80°57'58.5772"W	16384.58	349.657	0.64	-0.21	0.61	
20666.00	90.620	341.100	6048.24	16300.81	16207.46	-2971.50	1649896.08	14357839.96	39°32'16.9671"N	80°57'58.9589"W	16477.61	349.611	0.70	0.00	-0.70	
20761.00	90.460	340.500	6047.35	16395.81	16297.17	-3002.75	1649864.85	14357929.63	39°32'17.8539"N	80°57'59.3572"W	16571.49	349.560	0.65	-0.17	-0.63	
20856.00	91.230	341.450	6045.95	16490.79	16386.97	-3033.71	1649833.90	14358019.40	39°32'18.7415"N	80°57'59.7520"W	16665.42	349.512	1.29	0.81	1.00	
20951.00	90.280	341.290	6044.70	16585.79	16476.98	-3064.05	1649803.57	14358109.37	39°32'19.6313"N	80°58'0.1389"W	16759.46	349.466	1.01	-1.00	-0.17	
21046.00	90.550	341.090	6044.01	16680.78	16566.91	-3094.68	1649772.95	14358199.26	39°32'20.5201"N	80°58'0.5294"W	16853.47	349.419	0.35	0.28	-0.21	
21140.00	91.020	341.520	6042.72	16774.77	16655.94	-3124.81	1649742.83	14358288.26	39°32'21.4002"N	80°58'0.9135"W	16946.53	349.374	0.68	0.50	0.46	
21235.00	90.580	342.990	6041.39	16869.75	16746.41	-3153.76	1649713.89	14358378.69	39°32'22.2944"N	80°58'1.2826"W	17040.79	349.335	1.62	-0.46	1.55	
21330.00	90.460	343.280	6040.53	16964.69	16837.32	-3181.32	1649686.35	14358469.56	39°32'23.1930"N	80°58'1.6340"W	17135.23	349.300	0.33	-0.13	0.31	
21424.00	90.460	343.180	6039.78	17058.63	16927.32	-3208.44	1649659.24	14358559.53	39°32'24.0826"N	80°58'1.9797"W	17228.70	349.267	0.11	0.00	-0.11	
21519.00	90.250	343.440	6039.19	17153.56	17018.31	-3235.73	1649631.96	14358650.49	39°32'24.9820"N	80°58'2.3276"W	17323.19	349.235	0.35	-0.22	0.27	
21614.00	90.150	343.370	6038.86	17248.49	17109.36	-3262.86	1649604.84	14358741.49	39°32'25.8819"N	80°58'2.6735"W	17417.70	349.203	0.13	-0.11	-0.07	
21708.00	90.060	343.220	6038.68	17342.43	17199.39	-3289.88	1649577.83	14358831.49	39°32'26.7718"N	80°58'3.0179"W	17511.20	349.171	0.19	-0.10	-0.16	
21803.00	90.520	343.160	6038.20	17437.37	17290.33	-3317.35	1649550.37	14358922.39	39°32'27.6707"N	80°58'3.3682"W	17605.69	349.139	0.49	0.48	-0.06	
21898.00	90.120	343.090	6037.67	17532.31	17381.24	-3344.93	1649522.81	14359013.26	39°32'28.5693"N	80°58'3.7198"W	17700.17	349.107	0.43	-0.42	-0.07	
21938.00	89.690	343.200	6037.74	17572.29	17419.52	-3356.53	1649511.21	14359051.53	39°32'28.9476"N	80°58'3.8676"W	17739.95	349.093	1.11	-1.08	0.28	
21962.00‡	89.690	343.200	6037.87	17596.28	17442.49	-3363.46	1649504.28	14359074.49	39°32'29.1747"N	80°58'3.9561"W	17763.82	349.086	0.00	0.00	0.00	Projected MD at TD: 21962'



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

HOLE & CASING SECTIONS - Ref Wellbore: Folger Unit 3H AWB Ref Wellpath: Folger Unit 3H AWP Proj: 21962'									
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	0.25	0.31
17.5in Open Hole	130.00	354.00	224.00	130.00	353.99	0.25	0.31	1.53	0.33
13.375in Casing Surface	30.00	334.00	304.00	30.00	334.00	0.00	0.00	1.25	0.35
12.25in Open Hole	354.00	3133.00	2779.00	353.99	2743.01	1.53	0.33	1215.21	458.42
9.625in Casing Intermediate	30.00	3113.00	3083.00	30.00	2726.52	0.00	0.00	1204.08	456.36
8.75in Open Hole	3133.00	6656.00	3523.00	2743.01	5615.37	1215.21	458.42	3108.76	1185.29
8.5in Open Hole	6656.00	21962.00	15306.00	5615.37	6037.87	3108.76	1185.29	17442.49	-3363.46
5.5in Casing Production	30.00	21942.00	21912.00	30.00	6037.76	0.00	0.00	17423.35	-3357.68



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Folger Unit 3H POE Rev-1	6080.00	3170.40	1492.05	1654357.84	14344808.14	39°30'8.0973"N	80°57'2.0787"W	point
Folger Unit 3H POE Rev-2	6094.00	3651.48	1275.56	1654141.44	14345289.03	39°30'12.8532"N	80°57'4.8372"W	point
Folger Unit 3H AZI Rev-2	6137.00	4222.61	1134.06	1653999.99	14345859.92	39°30'18.4986"N	80°57'6.6385"W	point
Folger Unit 3H BHL Rev-2	6137.00	17448.11	-3365.61	1649502.13	14359080.11	39°32'29.2303"N	80°58'3.9835"W	point
Folger Unit 3H LP Rev-2	6137.00	3890.66	1225.16	1654091.05	14345528.10	39°30'15.2173"N	80°57'5.4786"W	point
Folger Unit 3H 50' L/R Hard Line	6500.00	10309.26	-936.78	1651929.99	14351944.13	39°31'18.6651"N	80°57'33.0224"W	rectangle
2D Rectangle 15081.4 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Folger Unit 3H AWB Ref Wellpath: Folger Unit 3H AWP Proj: 21962'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	268.00	Gyrodatta 2015 - GC+WIR+DPIPE	01 Gyrodatta MS Gyro <17-1/2"> (100'-268')	Folger Unit 3H AWB	6/27/2022
268.00	3060.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (268')(388'-3060')	Folger Unit 3H AWB	6/27/2022
3060.00	6578.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (3060')(3224'-6578')	Folger Unit 3H AWB	6/27/2022
6578.00	21962.00	BH AutoTrak Curve/eXpress (2019) (HRGM, X Short spacing)	04 BH AT Curve (x-Short) <8-1/2"> (6578')(6638'-21938')	Folger Unit 3H AWB	6/27/2022



Actual Wellpath Report

Folger Unit 3H AWP Proj: 21962'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Folger Unit 3H
Field	Tyler	API	47-095-02785-0000
Facility	Eldon Pad	Wellbore	Folger Unit 3H AWB
Slot	Slot M		

COMMENTS

Wellpath general comments

API: 47-095-02785-0000

BH Job #: 111394546

Rig: H&P 519

Duration: 6/28/2022-7/4/2022

Gyrodata MS Gyro <17-1/2"> (100'-268')

APS EM <12-1/4"> (268')(388'-3060')

APS EM <8-3/4"> (3060')(3224'-6578')

BH AT Curve (x-Short) <8-1/2"> (6578')(6638'-21938')

Sycamore: 7025' MD

Middlesex: 7198' MD

Burkett: 7374' MD

Marcellus POE: 7443' MD

Projected MD at TD: 21962'