



Actual Wellpath Report

Maxson Unit 1H AWP Proj: 20997'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999601	Report Generated	24/Feb/2022 at 20:28
Convergence at slot	0.08° 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	14.98	-0.07	1675735.10	14223733.05	39°10'10.7510"N	80°52'31.3866"W
Facility Reference Pt			1675735.17	14223718.08	39°10'10.6030"N	80°52'31.3860"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 531 (RKB) to Facility Vertical Datum	1155.00ft
Horizontal Reference Pt	Slot	H&P 531 (RKB) to Mean Sea Level	1155.00ft
Vertical Reference Pt	H&P 531 (RKB)	H&P 531 (RKB) to Ground Level at Slot (Slot B)	30.00ft
MD Reference Pt	H&P 531 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	161.33°



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WELLPATH DATA (225 stations) † = interpolated, ‡ = extrapolated station																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]	
0.00	0.00	151.330	0.00	0.00	0.00	0.00	1675735.10	14223733.05	39°10'10.7510"N	80°52'31.3866"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.00	151.330	30.00	0.00	0.00	0.00	1675735.10	14223733.05	39°10'10.7510"N	80°52'31.3866"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.220	151.330	100.00	0.13	-0.12	0.06	1675735.16	14223732.93	39°10'10.7499"N	80°52'31.3858"W	0.13	151.330	0.31	0.31	0.00	Gyrodata MS Gyro <17-1/2"> (100'-567')
200.00	0.180	149.400	200.00	0.48	-0.42	0.24	1675735.34	14223732.63	39°10'10.7469"N	80°52'31.3836"W	0.48	150.703	0.04	-0.04	-1.93	
300.00	0.190	147.280	300.00	0.79	-0.70	0.41	1675735.51	14223732.35	39°10'10.7441"N	80°52'31.3814"W	0.81	149.745	0.01	0.01	-2.12	
400.00	0.220	159.610	400.00	1.14	-1.02	0.56	1675735.66	14223732.03	39°10'10.7410"N	80°52'31.3795"W	1.16	151.017	0.05	0.03	12.33	
500.00	0.180	189.350	500.00	1.47	-1.35	0.60	1675735.70	14223731.70	39°10'10.7377"N	80°52'31.3789"W	1.48	155.906	0.11	-0.04	29.74	
567.00	0.320	187.410	567.00	1.73	-1.64	0.56	1675735.66	14223731.41	39°10'10.7348"N	80°52'31.3795"W	1.73	161.060	0.21	0.21	-2.90	
600.00	0.210	194.940	600.00	1.87	-1.79	0.54	1675735.64	14223731.26	39°10'10.7333"N	80°52'31.3798"W	1.87	163.349	0.35	-0.33	22.82	APS EM <12-1/4"> (567')(600'-2630')
690.00	1.430	303.020	689.99	1.12	-1.34	-0.45	1675734.65	14223731.71	39°10'10.7378"N	80°52'31.3923"W	1.41	198.556	1.68	1.36	120.09	
780.00	3.330	315.360	779.91	-2.11	1.13	-3.23	1675731.87	14223734.18	39°10'10.7623"N	80°52'31.4275"W	3.42	289.373	2.17	2.11	13.71	
870.00	4.270	288.110	869.71	-6.46	4.04	-8.25	1675728.85	14223737.08	39°10'10.7910"N	80°52'31.4913"W	9.18	296.074	2.23	1.04	-30.28	
960.00	6.780	311.790	959.30	-13.09	8.62	-15.40	1675719.71	14223741.67	39°10'10.8364"N	80°52'31.5819"W	17.65	299.242	3.71	2.79	26.31	
1051.00	8.530	310.820	1049.49	-23.58	16.61	-24.51	1675710.60	14223749.65	39°10'10.9155"N	80°52'31.6975"W	29.61	304.127	1.93	1.92	-1.07	
1146.00	10.180	311.760	1143.22	-36.96	26.81	-36.10	1675699.01	14223759.85	39°10'11.0165"N	80°52'31.8445"W	44.97	306.595	1.74	1.74	0.99	
1241.00	11.420	310.040	1236.53	-52.30	38.45	-49.57	1675685.55	14223771.49	39°10'11.1317"N	80°52'32.0153"W	62.73	307.802	1.35	1.31	-1.81	
1336.00	12.900	311.070	1329.40	-69.49	51.47	-64.76	1675670.36	14223784.50	39°10'11.2606"N	80°52'32.2080"W	82.73	308.475	1.57	1.56	1.08	
1430.00	14.180	307.510	1420.79	-88.12	65.37	-81.81	1675653.32	14223798.40	39°10'11.3983"N	80°52'32.4242"W	104.72	308.629	1.62	1.36	-3.79	
1525.00	15.660	304.050	1512.58	-107.99	79.64	-101.66	1675633.48	14223812.66	39°10'11.5396"N	80°52'32.6760"W	129.14	308.074	1.82	1.56	-3.64	
1620.00	17.210	300.790	1603.70	-128.88	94.01	-124.36	1675610.79	14223827.03	39°10'11.6819"N	80°52'32.9640"W	155.90	307.088	1.90	1.63	-3.43	
1715.00	19.050	299.080	1693.98	-151.04	108.74	-149.99	1675585.17	14223841.75	39°10'11.8279"N	80°52'33.2891"W	185.26	305.943	2.02	1.94	-1.80	
1809.00	20.830	297.300	1782.34	-174.41	123.87	-178.25	1675556.92	14223856.87	39°10'11.9777"N	80°52'33.6476"W	217.06	304.796	2.00	1.89	-1.89	
1904.00	22.900	297.780	1870.51	-199.95	140.23	-209.61	1675525.57	14223873.22	39°10'12.1399"N	80°52'34.0456"W	252.20	303.782	2.19	2.18	0.51	
1999.00	24.100	293.070	1957.63	-226.26	156.45	-243.82	1675491.38	14223889.44	39°10'12.3006"N	80°52'34.4796"W	289.69	302.687	2.35	1.26	-4.96	
2093.00	24.310	287.810	2043.38	-250.55	169.89	-279.90	1675455.31	14223902.87	39°10'12.4340"N	80°52'34.9375"W	327.42	301.256	2.30	0.22	-5.60	
2188.00	24.430	287.900	2129.91	-273.88	181.91	-317.21	1675418.02	14223914.88	39°10'12.5533"N	80°52'35.4110"W	365.67	299.833	0.13	0.13	0.09	
2282.00	23.900	286.890	2215.68	-296.53	193.41	-353.93	1675381.31	14223926.39	39°10'12.6675"N	80°52'35.8770"W	403.33	298.656	0.72	-0.56	-1.07	
2377.00	22.970	285.550	2302.84	-318.15	203.97	-390.20	1675345.06	14223936.94	39°10'12.7724"N	80°52'36.3374"W	440.30	297.598	1.13	-0.98	-1.41	
2471.00	22.370	284.020	2389.58	-338.13	213.23	-425.23	1675310.04	14223946.19	39°10'12.8643"N	80°52'36.7820"W	475.69	296.631	0.89	-0.64	-1.63	
2566.00	24.250	286.530	2476.82	-359.14	223.16	-461.47	1675273.81	14223956.12	39°10'12.9629"N	80°52'37.2420"W	512.60	295.807	2.24	1.98	2.64	



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Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (225 stations)																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	("/100ft)	("/100ft)	("/100ft)	
2630.00	25.600	287.960	2534.86	-374.97	231.16	-487.23	1675248.07	14223964.12	39°10'13.0424"N	80°52'37.5689"W	539.28	295.382	2.31	2.11	2.23	
2756.00	27.680	285.930	2647.48	-407.83	247.59	-541.27	1675194.05	14223980.54	39°10'13.2055"N	80°52'38.2548"W	595.21	294.580	1.80	1.65	-1.61	APS EM <8-3/4"> (2630')(2756'-5974')
2850.00	28.140	287.920	2730.55	-433.44	260.40	-583.36	1675151.98	14223993.35	39°10'13.3327"N	80°52'38.7889"W	638.84	294.055	1.11	0.49	2.12	
2945.00	25.420	292.780	2815.36	-460.30	275.19	-623.48	1675111.86	14224008.13	39°10'13.4794"N	80°52'39.2982"W	681.52	293.816	3.67	-2.86	5.12	
3041.00	23.620	299.980	2902.72	-488.39	292.79	-659.15	1675076.21	14224025.72	39°10'13.6538"N	80°52'39.7507"W	721.25	293.950	3.63	-1.88	7.50	
3136.00	24.010	300.110	2989.63	-517.21	311.99	-692.36	1675043.02	14224044.92	39°10'13.8440"N	80°52'40.1720"W	759.41	294.258	0.41	0.41	0.14	
3230.00	23.110	297.930	3075.80	-545.00	330.23	-725.20	1675010.19	14224063.15	39°10'14.0247"N	80°52'40.5887"W	796.85	294.483	1.33	-0.96	-2.32	
3324.00	23.670	295.500	3162.07	-571.55	346.99	-758.53	1674976.87	14224079.90	39°10'14.1909"N	80°52'41.0116"W	834.13	294.582	1.19	0.60	-2.59	
3419.00	22.820	295.820	3249.36	-597.75	363.23	-792.33	1674943.09	14224096.13	39°10'14.3518"N	80°52'41.4404"W	871.62	294.628	0.90	-0.89	0.34	
3513.00	22.620	295.060	3336.07	-623.02	378.82	-825.11	1674910.32	14224111.72	39°10'14.5064"N	80°52'41.8564"W	907.92	294.661	0.38	-0.21	-0.81	
3607.00	23.260	290.830	3422.64	-647.32	393.08	-858.84	1674876.61	14224126.97	39°10'14.6477"N	80°52'42.2844"W	944.52	294.593	1.88	0.68	-4.50	
3702.00	23.180	290.130	3509.94	-670.97	406.19	-893.92	1674841.54	14224139.07	39°10'14.7777"N	80°52'42.7297"W	981.88	294.436	0.30	-0.08	-0.74	
3797.00	21.510	292.570	3597.81	-694.17	419.31	-927.56	1674807.91	14224152.19	39°10'14.9078"N	80°52'43.1566"W	1017.93	294.325	2.01	-1.76	2.57	
3892.00	21.270	292.190	3686.27	-716.92	432.50	-959.60	1674775.88	14224165.38	39°10'15.0387"N	80°52'43.5632"W	1052.56	294.261	0.29	-0.25	-0.40	
3987.00	21.940	287.990	3774.60	-738.80	444.49	-992.44	1674743.06	14224177.36	39°10'15.1576"N	80°52'43.9799"W	1087.43	294.126	1.77	0.71	-4.42	
4082.00	22.230	287.400	3862.63	-759.97	455.34	-1026.47	1674709.04	14224188.21	39°10'15.2653"N	80°52'44.4118"W	1122.93	293.922	0.38	0.31	-0.62	
4176.00	21.770	291.210	3949.78	-781.62	466.97	-1059.69	1674675.84	14224199.83	39°10'15.3807"N	80°52'44.8334"W	1158.01	293.781	1.59	-0.49	4.05	
4271.00	21.910	300.900	4038.00	-806.42	482.45	-1091.33	1674644.21	14224215.31	39°10'15.5341"N	80°52'45.2349"W	1193.21	293.849	3.79	0.15	10.20	
4366.00	21.920	300.670	4126.13	-833.36	500.60	-1121.79	1674613.76	14224233.45	39°10'15.7139"N	80°52'45.6213"W	1228.42	294.049	0.09	0.01	-0.24	
4460.00	21.930	295.860	4213.34	-858.98	517.20	-1152.68	1674582.88	14224250.05	39°10'15.8784"N	80°52'46.0133"W	1263.40	294.166	1.91	0.01	-5.12	
4555.00	21.690	290.670	4301.55	-882.55	531.14	-1185.07	1674550.50	14224263.98	39°10'16.0166"N	80°52'46.4243"W	1298.66	294.142	2.04	-0.25	-5.46	
4650.00	22.910	292.180	4389.44	-905.78	544.32	-1218.62	1674516.97	14224277.15	39°10'16.1473"N	80°52'46.8501"W	1334.66	294.069	1.42	1.28	1.59	
4745.00	23.290	294.680	4476.83	-930.76	559.14	-1252.81	1674482.79	14224291.97	39°10'16.2942"N	80°52'47.2839"W	1371.92	294.052	1.11	0.40	2.63	
4839.00	22.870	290.390	4563.31	-955.03	573.27	-1286.82	1674448.80	14224306.09	39°10'16.4343"N	80°52'47.7155"W	1408.74	294.013	1.84	-0.45	-4.56	
4933.00	22.570	285.610	4650.02	-976.70	584.49	-1321.32	1674414.31	14224317.30	39°10'16.5456"N	80°52'48.1534"W	1444.82	293.862	1.99	-0.32	-5.09	
5028.00	20.380	283.020	4738.42	-995.67	593.12	-1355.00	1674380.64	14224325.93	39°10'16.6314"N	80°52'48.5808"W	1479.13	293.640	2.51	-2.31	-2.73	
5123.00	18.050	290.170	4828.14	-1013.59	601.92	-1384.94	1674350.72	14224334.73	39°10'16.7188"N	80°52'48.9609"W	1510.09	293.491	3.48	-2.45	7.53	
5217.00	18.840	294.960	4917.31	-1033.20	613.35	-1412.37	1674323.30	14224346.15	39°10'16.8321"N	80°52'49.3090"W	1539.80	293.474	1.82	0.84	5.10	
5312.00	20.250	293.500	5006.84	-1054.82	626.38	-1441.36	1674294.32	14224359.18	39°10'16.9613"N	80°52'49.6768"W	1571.58	293.489	1.57	1.48	-1.54	
5406.00	21.950	290.090	5094.53	-1076.74	638.90	-1472.78	1674262.91	14224371.70	39°10'17.0855"N	80°52'50.0755"W	1605.39	293.452	2.23	1.81	-3.63	



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[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]	[N]	[W]	[ft]	[°]	[ft/100ft]	[°/100ft]	[°/100ft]	
5501.00	22.990	286.240	5182.33	-1098.48	650.19	-1507.27	1674228.44	14224382.98	39°10'17.1975"N	80°52'50.5133"W	1641.52	293.334	1.90	1.09	-4.05	
5596.00	24.470	285.150	5269.29	-1120.05	660.52	-1544.07	1674191.65	14224393.31	39°10'17.3001"N	80°52'50.9804"W	1679.42	293.160	1.62	1.58	-1.15	
5690.00	24.880	288.320	5354.71	-1142.78	671.82	-1581.64	1674154.10	14224404.61	39°10'17.4123"N	80°52'51.4572"W	1718.41	293.014	1.47	0.44	3.37	
5785.00	25.730	291.840	5440.60	-1168.20	685.78	-1619.75	1674116.00	14224418.55	39°10'17.5507"N	80°52'51.9409"W	1758.95	292.947	1.82	0.89	3.71	
5879.00	24.990	288.370	5525.55	-1193.42	699.63	-1657.54	1674078.23	14224432.40	39°10'17.6881"N	80°52'52.4205"W	1799.14	292.884	1.77	-0.79	-3.69	
5974.00	24.220	284.400	5611.93	-1216.14	710.80	-1695.46	1674040.32	14224443.56	39°10'17.7990"N	80°52'52.9018"W	1838.43	292.745	1.92	-0.81	-4.18	
6071.00	21.530	279.950	5701.30	-1235.53	718.82	-1732.27	1674003.52	14224451.59	39°10'17.8788"N	80°52'53.3691"W	1875.49	292.537	3.30	-2.77	-4.59	BH AT Curve <8-1/2"> (5974')(6071'-20972')
6166.00	14.290	285.740	5791.64	-1250.52	725.03	-1760.77	1673975.04	14224457.79	39°10'17.9404"N	80°52'53.7308"W	1904.20	292.380	7.84	-7.62	6.09	
6261.00	13.420	271.980	5883.90	-1261.04	728.59	-1783.08	1673952.74	14224461.35	39°10'17.9759"N	80°52'54.0140"W	1926.19	292.226	3.58	-0.92	-14.48	
6356.00	14.500	250.600	5976.15	-1264.78	725.02	-1805.33	1673930.50	14224457.78	39°10'17.9409"N	80°52'54.2965"W	1945.47	291.880	5.51	1.14	-22.51	
6450.00	15.920	231.510	6066.92	-1260.26	713.08	-1826.53	1673909.30	14224445.84	39°10'17.8232"N	80°52'54.5660"W	1960.79	291.326	5.51	1.51	-20.31	
6545.00	21.700	215.880	6156.86	-1245.63	690.70	-1847.05	1673888.79	14224423.48	39°10'17.6023"N	80°52'54.8269"W	1971.97	290.503	8.02	6.08	-16.45	
6612.00†	24.750	205.497	6218.45	-1228.37	667.99	-1860.36	1673875.49	14224400.78	39°10'17.3780"N	80°52'54.9962"W	1976.65	289.752	7.60	4.55	-15.50	Sycamore: 6612' MD
6639.00	26.150	202.000	6242.83	-1219.81	657.37	-1865.02	1673870.83	14224390.16	39°10'17.2731"N	80°52'55.0556"W	1977.48	289.416	7.60	5.18	-12.95	
6734.00	31.690	195.320	6325.97	-1183.20	613.85	-1879.47	1673856.38	14224346.66	39°10'16.8431"N	80°52'55.2398"W	1977.18	288.088	6.74	5.83	-7.03	
6811.00†	40.446	187.958	6388.18	-1144.01	569.50	-1888.29	1673847.56	14224302.33	39°10'16.4049"N	80°52'55.3526"W	1972.31	286.783	12.67	11.37	-9.56	Middlesex: 6811' MD
6828.00	42.430	186.690	6400.93	-1133.90	558.35	-1889.73	1673846.13	14224291.17	39°10'16.2946"N	80°52'55.3709"W	1970.49	286.460	12.67	11.67	-7.46	
6923.00	54.310	180.630	6463.96	-1068.26	487.65	-1893.90	1673841.96	14224220.50	39°10'15.5959"N	80°52'55.4251"W	1955.67	284.439	13.37	12.51	-6.38	
7001.00†	64.526	175.885	6503.60	-1004.09	420.65	-1891.72	1673844.14	14224153.53	39°10'14.9337"N	80°52'55.3985"W	1937.92	282.537	14.10	13.10	-6.08	Burkett: 7001' MD
7017.00	66.640	175.020	6510.22	-989.96	406.13	-1890.56	1673845.30	14224139.02	39°10'14.7902"N	80°52'55.3840"W	1933.69	282.124	14.10	13.21	-5.41	
7103.00†	76.299	167.851	6537.55	-909.82	325.68	-1878.30	1673857.55	14224058.60	39°10'13.9948"N	80°52'55.2297"W	1906.32	279.837	13.73	11.23	-8.34	Tully: 7103' MD
7111.00	77.210	167.220	6539.38	-902.07	318.07	-1876.62	1673859.24	14224051.00	39°10'13.9197"N	80°52'55.2084"W	1903.38	279.620	13.73	11.38	-7.88	
7190.00†	79.611	158.099	6555.28	-824.80	244.30	-1853.55	1673882.29	14223977.25	39°10'13.1902"N	80°52'54.9168"W	1869.58	277.508	11.71	3.04	-11.55	Marcellus POE: 7190' MD
7206.00	80.130	156.270	6558.10	-809.09	229.78	-1847.45	1673888.39	14223962.74	39°10'13.0466"N	80°52'54.8395"W	1861.68	277.090	11.71	3.25	-11.43	
7301.00	84.170	155.900	6571.07	-715.39	143.77	-1809.30	1673926.52	14223876.76	39°10'12.1960"N	80°52'54.3566"W	1815.01	274.543	4.27	4.25	-0.39	
7395.00	89.570	155.410	6576.20	-622.03	58.29	-1770.62	1673965.19	14223791.32	39°10'11.3506"N	80°52'53.8670"W	1771.58	271.886	5.77	5.74	-0.52	
7489.00	89.850	155.350	6576.68	-528.54	-27.16	-1731.46	1674004.33	14223705.90	39°10'10.5055"N	80°52'53.3712"W	1731.68	269.101	0.30	0.30	-0.06	
7584.00	89.600	157.160	6577.13	-433.91	-114.12	-1693.21	1674042.57	14223618.98	39°10'9.6455"N	80°52'52.8869"W	1697.05	266.144	1.92	-0.26	1.91	
7678.00	90.030	159.150	6577.44	-340.06	-201.36	-1658.24	1674077.53	14223531.77	39°10'8.7828"N	80°52'52.4443"W	1670.42	263.076	2.17	0.46	2.12	
7773.00	89.570	158.950	6577.77	-245.14	-290.08	-1624.27	1674111.48	14223443.09	39°10'7.9054"N	80°52'52.0145"W	1649.97	259.874	0.53	-0.48	-0.21	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (225 stations)																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
[m]	[°]	[°]	[m]	[m]	[m]	[m]	[US m]	[US m]			[m]	[°]	[°/100ft]	[°/100ft]	[°/100ft]	
7867.00	90.460	158.900	6577.74	-151.22	-377.79	-1590.47	1674145.27	14223355.41	39°10'7.0381"N	80°52'51.5868"W	1634.72	256.638	0.95	0.95	-0.05	
7962.00	90.950	159.130	6576.58	-56.31	-466.48	-1556.45	1674179.27	14223266.75	39°10'6.1610"N	80°52'51.1564"W	1624.85	253.316	0.57	0.52	0.24	
8056.00	90.400	156.890	6575.47	37.52	-553.63	-1521.26	1674214.45	14223179.64	39°10'5.2992"N	80°52'50.7110"W	1618.87	250.002	2.45	-0.59	-2.38	
8150.00	91.110	159.730	6574.23	131.37	-640.96	-1486.52	1674249.17	14223092.35	39°10'4.4356"N	80°52'50.2715"W	1618.82	246.675	3.11	0.76	3.02	
8245.00	90.830	159.130	6572.62	226.30	-729.89	-1453.15	1674282.53	14223003.45	39°10'3.5562"N	80°52'49.8492"W	1626.16	243.330	0.70	-0.29	-0.63	
8339.00	90.430	158.300	6571.59	320.20	-817.47	-1419.03	1674316.64	14222915.90	39°10'2.6901"N	80°52'49.4175"W	1637.65	240.055	0.98	-0.43	-0.88	
8433.00	92.620	158.190	6569.09	414.02	-904.74	-1384.20	1674351.45	14222828.67	39°10'1.8271"N	80°52'48.9768"W	1653.66	236.831	2.33	2.33	-0.12	
8528.00	90.550	158.650	6566.46	508.86	-993.04	-1349.28	1674386.36	14222740.40	39°10'0.9538"N	80°52'48.5348"W	1675.32	233.648	2.23	-2.18	0.48	
8623.00	90.400	157.670	6565.67	603.71	-1081.22	-1313.94	1674421.69	14222652.26	39°10'0.0818"N	80°52'48.0876"W	1701.61	230.550	1.04	-0.16	-1.03	
8717.00	90.710	157.850	6564.76	697.52	-1168.22	-1278.36	1674457.25	14222565.29	39°09'59.2214"N	80°52'47.6374"W	1731.75	227.578	0.38	0.33	0.19	
8812.00	90.550	158.850	6563.72	792.39	-1256.52	-1243.32	1674492.28	14222477.04	39°09'58.3483"N	80°52'47.1939"W	1767.67	224.697	1.07	-0.17	1.05	
8907.00	91.290	162.310	6562.19	887.35	-1346.08	-1211.74	1674523.85	14222387.50	39°09'57.4626"N	80°52'46.7945"W	1811.15	221.993	3.72	0.78	3.64	
9001.00	90.650	161.090	6560.60	981.34	-1435.32	-1182.23	1674553.35	14222298.31	39°09'56.5803"N	80°52'46.4213"W	1859.51	219.477	1.47	-0.68	-1.30	
9096.00	90.680	161.430	6559.50	1076.33	-1525.27	-1151.71	1674583.85	14222208.39	39°09'55.6907"N	80°52'46.0354"W	1911.25	217.056	0.36	0.03	0.36	
9190.00	91.080	161.400	6558.05	1170.32	-1614.36	-1121.75	1674613.80	14222119.34	39°09'54.8098"N	80°52'45.6566"W	1965.83	214.794	0.43	0.43	-0.03	
9285.00	91.140	163.670	6556.21	1265.27	-1704.96	-1093.25	1674642.29	14222028.77	39°09'53.9140"N	80°52'45.2962"W	2025.36	212.669	2.39	0.06	2.39	
9380.00	90.490	161.470	6554.86	1360.23	-1795.58	-1064.80	1674670.73	14221938.19	39°09'53.0179"N	80°52'44.9365"W	2087.56	210.668	2.41	-0.68	-2.32	
9474.00	90.860	162.270	6553.75	1454.22	-1884.91	-1035.55	1674699.97	14221848.90	39°09'52.1346"N	80°52'44.5667"W	2150.64	208.784	0.94	0.39	0.85	
9569.00	90.950	162.300	6552.25	1549.20	-1975.39	-1006.65	1674728.86	14221758.45	39°09'51.2399"N	80°52'44.2013"W	2217.09	207.003	0.10	0.09	0.03	
9663.00	90.430	162.530	6551.12	1643.17	-2064.99	-978.25	1674757.24	14221668.89	39°09'50.3539"N	80°52'43.8423"W	2284.99	205.348	0.60	-0.55	0.24	
9758.00	90.950	163.170	6549.98	1738.13	-2155.76	-950.24	1674785.24	14221578.15	39°09'49.4564"N	80°52'43.4882"W	2355.90	203.787	0.87	0.55	0.67	
9853.00	90.150	162.620	6549.06	1833.09	-2246.55	-922.30	1674813.17	14221487.40	39°09'48.5586"N	80°52'43.1350"W	2428.50	202.320	1.02	-0.84	-0.58	
9947.00	90.460	161.850	6548.56	1927.08	-2336.07	-893.62	1674841.84	14221397.92	39°09'47.6735"N	80°52'42.7724"W	2501.15	200.933	0.88	0.33	-0.82	
10042.00	90.370	162.620	6547.88	2022.06	-2426.54	-864.63	1674870.81	14221307.49	39°09'46.7789"N	80°52'42.4060"W	2575.98	199.612	0.82	-0.09	0.81	
10136.00	90.680	162.690	6547.01	2116.03	-2516.26	-836.61	1674898.82	14221217.80	39°09'45.8918"N	80°52'42.0517"W	2651.69	198.391	0.34	0.33	0.07	
10325.00	90.800	161.970	6544.57	2304.99	-2696.32	-779.25	1674956.16	14221037.81	39°09'44.1112"N	80°52'41.3266"W	2806.67	196.119	0.39	0.06	-0.38	
10420.00	89.630	161.340	6544.22	2399.98	-2786.49	-749.35	1674986.05	14220947.67	39°09'43.2196"N	80°52'40.9485"W	2885.49	195.052	1.40	-1.23	-0.66	
10515.00	90.550	161.710	6544.07	2494.98	-2876.60	-719.24	1675016.14	14220857.61	39°09'42.3286"N	80°52'40.5679"W	2965.15	194.038	1.04	0.97	0.39	
10610.00	90.250	162.040	6543.40	2589.97	-2966.88	-689.69	1675045.68	14220767.36	39°09'41.4359"N	80°52'40.1942"W	3045.99	193.087	0.47	-0.32	0.35	
10704.00	90.030	161.670	6543.17	2683.97	-3056.20	-660.42	1675074.95	14220678.07	39°09'40.5526"N	80°52'39.8241"W	3126.75	192.194	0.46	-0.23	-0.39	



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (225 stations)																	
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments	
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]		
10799.00	90.340	162.580	6542.87	2778.96	-3146.62	-631.26	1675104.09	14220587.69	39°09'39.6586"N	80°52'39.4555"W	3209.31	191.344	1.01	0.33	0.96		
10893.00	90.180	161.170	6542.44	2872.95	-3235.95	-602.02	1675133.32	14220498.40	39°09'38.7752"N	80°52'39.0858"W	3291.47	190.539	1.51	-0.17	-1.50		
10988.00	90.580	162.310	6541.81	2967.95	-3326.16	-572.25	1675163.08	14220408.22	39°09'37.8832"N	80°52'38.7095"W	3375.03	189.762	1.27	0.42	1.20		
11083.00	90.090	162.240	6541.26	3062.93	-3416.65	-543.33	1675191.99	14220317.77	39°09'36.9884"N	80°52'38.3438"W	3459.58	189.036	0.52	-0.52	-0.07		
11178.00	89.750	162.270	6541.39	3157.92	-3507.13	-514.38	1675220.93	14220227.32	39°09'36.0937"N	80°52'37.9778"W	3544.65	188.344	0.36	-0.36	0.03		
11272.00	90.460	163.060	6541.22	3251.89	-3596.86	-486.37	1675248.93	14220137.63	39°09'35.2065"N	80°52'37.6238"W	3629.59	187.701	1.13	0.76	0.84		
11367.00	90.000	162.190	6540.83	3346.86	-3687.52	-458.00	1675277.28	14220047.00	39°09'34.3100"N	80°52'37.2652"W	3715.86	187.080	1.04	-0.48	-0.92		
11462.00	89.850	162.240	6540.96	3441.85	-3777.98	-428.98	1675306.29	14219956.58	39°09'33.4155"N	80°52'36.8984"W	3802.26	186.478	0.17	-0.16	0.05		
11557.00	91.790	164.430	6539.60	3536.77	-3868.97	-401.74	1675333.52	14219865.63	39°09'32.5158"N	80°52'36.5542"W	3889.78	185.928	3.08	2.04	2.31		
11651.00	89.660	161.730	6538.41	3630.71	-3958.88	-374.39	1675360.86	14219775.75	39°09'31.6268"N	80°52'36.2085"W	3976.55	185.402	3.66	-2.27	-2.87		
11746.00	90.090	159.780	6538.62	3725.70	-4048.57	-343.08	1675392.16	14219686.10	39°09'30.7399"N	80°52'35.8125"W	4063.08	184.844	2.10	0.45	-2.05		
11841.00	89.750	163.130	6538.75	3820.69	-4138.62	-312.87	1675422.35	14219596.08	39°09'29.8494"N	80°52'35.4306"W	4150.43	184.323	3.54	-0.36	3.53		
11936.00	89.660	162.250	6539.24	3915.66	-4229.32	-284.61	1675450.61	14219505.43	39°09'28.9526"N	80°52'35.0733"W	4238.88	183.850	0.93	-0.09	-0.93		
12031.00	90.800	162.420	6538.86	4010.64	-4319.84	-255.78	1675479.42	14219414.94	39°09'28.0575"N	80°52'34.7089"W	4327.40	183.389	1.21	1.20	0.18		
12125.00	90.550	162.330	6537.75	4104.62	-4409.42	-227.32	1675507.87	14219325.40	39°09'27.1717"N	80°52'34.3492"W	4415.27	182.951	0.28	-0.27	-0.10		
12220.00	90.090	162.160	6537.22	4199.60	-4499.89	-198.35	1675536.83	14219234.96	39°09'26.2771"N	80°52'33.9830"W	4504.26	182.524	0.52	-0.48	-0.18		
12315.00	91.020	163.110	6536.30	4294.57	-4590.56	-170.00	1675565.17	14219144.33	39°09'25.3806"N	80°52'33.6247"W	4593.70	182.121	1.40	0.98	1.00		
12410.00	90.520	162.730	6535.02	4389.53	-4681.36	-142.10	1675593.06	14219053.57	39°09'24.4827"N	80°52'33.2721"W	4683.51	181.739	0.66	-0.53	-0.40		
12504.00	90.060	162.080	6534.55	4483.51	-4770.96	-113.68	1675621.46	14218964.00	39°09'23.5967"N	80°52'32.9129"W	4772.31	181.365	0.85	-0.49	-0.69		
12599.00	90.430	162.710	6534.14	4578.49	-4861.51	-84.95	1675650.18	14218873.49	39°09'22.7014"N	80°52'32.5498"W	4862.25	181.001	0.77	0.39	0.66		
12694.00	90.180	162.240	6533.64	4673.47	-4952.10	-56.34	1675678.78	14218782.94	39°09'21.8056"N	80°52'32.1882"W	4952.42	180.652	0.56	-0.26	-0.49		
12788.00	90.060	162.520	6533.44	4767.45	-5041.69	-27.89	1675707.22	14218693.38	39°09'20.9197"N	80°52'31.8285"W	5041.76	180.317	0.32	-0.13	0.30		
12883.00	90.150	161.130	6533.26	4862.45	-5131.94	1.74	1675736.84	14218603.16	39°09'20.0272"N	80°52'31.4540"W	5131.94	179.981	1.47	0.09	-1.46		
12978.00	89.910	160.090	6533.21	4957.44	-5221.55	33.28	1675768.37	14218513.59	39°09'19.1411"N	80°52'31.0552"W	5221.66	179.635	1.12	-0.25	-1.09		
13072.00	89.880	160.080	6533.39	5051.42	-5309.93	65.30	1675800.37	14218425.24	39°09'18.2671"N	80°52'30.6503"W	5310.33	179.295	0.03	-0.03	-0.01		
13167.00	90.180	160.190	6533.34	5146.40	-5399.28	97.58	1675832.64	14218335.93	39°09'17.3836"N	80°52'30.2420"W	5400.16	178.965	0.34	0.32	0.12		
13261.00	90.060	160.320	6533.14	5240.38	-5487.75	129.34	1675864.38	14218247.50	39°09'16.5087"N	80°52'29.8405"W	5489.28	178.650	0.19	-0.13	0.14		
13356.00	90.180	160.500	6532.94	5335.37	-5577.25	161.19	1675896.22	14218158.03	39°09'15.6236"N	80°52'29.4377"W	5579.58	178.345	0.23	0.13	0.19		
13451.00	90.030	160.250	6532.77	5430.35	-5666.73	193.10	1675928.12	14218068.59	39°09'14.7388"N	80°52'29.0342"W	5670.02	178.048	0.31	-0.16	-0.26		
13545.00	88.920	159.400	6533.63	5524.31	-5754.96	225.51	1675960.52	14217980.39	39°09'13.8663"N	80°52'28.6243"W	5759.38	177.756	1.49	-1.18	-0.90		



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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (225 stations)																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	(°/100ft)	(°/100ft)	(°/100ft)	
13640.00	89.420	159.520	6535.00	5619.25	-5843.91	258.84	1675993.84	14217891.48	39°09'12.9867"N	80°52'28.2028"W	5849.64	177.464	0.54	0.53	0.13	
13735.00	89.820	160.240	6535.63	5714.22	-5933.11	291.52	1676026.50	14217802.31	39°09'12.1046"N	80°52'27.7895"W	5940.27	177.187	0.87	0.42	0.76	
13830.00	89.850	160.830	6535.91	5809.21	-6022.68	323.18	1676058.15	14217712.78	39°09'11.2188"N	80°52'27.3892"W	6031.35	176.928	0.62	0.03	0.62	
13924.00	89.750	160.290	6536.24	5903.20	-6111.32	354.46	1676089.42	14217624.18	39°09'10.3423"N	80°52'26.9937"W	6121.59	176.681	0.58	-0.11	-0.57	
14019.00	89.510	160.480	6536.85	5998.19	-6200.81	386.35	1676121.30	14217534.73	39°09'9.4574"N	80°52'26.5904"W	6212.83	176.435	0.32	-0.25	0.20	
14114.00	89.540	160.240	6537.64	6093.17	-6290.28	418.28	1676153.21	14217445.29	39°09'8.5728"N	80°52'26.1867"W	6304.17	176.196	0.25	0.03	-0.25	
14208.00	89.480	160.440	6538.44	6187.15	-6378.79	449.90	1676184.82	14217356.81	39°09'7.6973"N	80°52'25.7868"W	6394.64	175.966	0.22	-0.06	0.21	
14303.00	89.350	159.900	6539.41	6282.13	-6468.16	482.13	1676217.04	14217267.49	39°09'6.8136"N	80°52'25.3794"W	6486.10	175.737	0.58	-0.14	-0.57	
14397.00	89.570	159.890	6540.30	6376.09	-6556.42	514.44	1676249.33	14217179.25	39°09'5.9407"N	80°52'24.9708"W	6576.57	175.514	0.23	0.23	-0.01	
14492.00	90.000	160.600	6540.65	6471.07	-6645.83	546.55	1676281.43	14217089.88	39°09'5.0566"N	80°52'24.5648"W	6668.27	175.299	0.87	0.45	0.75	
14587.00	89.010	160.660	6541.47	6566.06	-6735.45	578.06	1676312.92	14217000.30	39°09'4.1704"N	80°52'24.1664"W	6760.21	175.095	1.04	-1.04	0.06	
14681.00	91.690	161.620	6540.90	6660.05	-6824.39	608.44	1676343.29	14216911.39	39°09'3.2908"N	80°52'23.7824"W	6851.46	174.905	3.03	2.85	1.02	
14776.00	89.480	159.100	6539.93	6755.02	-6913.85	640.36	1676375.21	14216821.97	39°09'2.4062"N	80°52'23.3787"W	6943.44	174.708	3.53	-2.33	-2.65	
14871.00	89.850	159.410	6540.49	6849.95	-7002.69	674.01	1676408.84	14216733.17	39°09'1.5277"N	80°52'22.9532"W	7035.05	174.502	0.51	0.39	0.33	
14965.00	90.030	160.000	6540.58	6943.92	-7090.85	706.62	1676441.43	14216645.04	39°09'0.6558"N	80°52'22.5409"W	7125.97	174.309	0.66	0.19	0.63	
15060.00	89.780	160.420	6540.74	7038.90	-7180.24	738.78	1676473.58	14216555.69	39°08'59.7719"N	80°52'22.1342"W	7218.15	174.125	0.51	-0.26	0.44	
15154.00	89.820	159.990	6541.07	7132.88	-7268.68	770.61	1676505.41	14216467.28	39°08'58.8972"N	80°52'21.7317"W	7309.42	173.948	0.46	0.04	-0.46	
15249.00	90.060	160.300	6541.17	7227.86	-7358.04	802.88	1676537.66	14216377.96	39°08'58.0136"N	80°52'21.3237"W	7401.71	173.773	0.41	0.25	0.33	
15343.00	89.970	160.400	6541.14	7321.84	-7446.56	834.49	1676569.26	14216289.47	39°08'57.1382"N	80°52'20.9241"W	7493.17	173.606	0.14	-0.10	0.11	
15437.00	90.460	159.840	6540.79	7415.82	-7534.96	866.45	1676601.21	14216201.11	39°08'56.2641"N	80°52'20.5199"W	7584.61	173.440	0.79	0.52	-0.60	
15532.00	90.150	160.470	6540.29	7510.80	-7624.32	898.70	1676633.44	14216111.79	39°08'55.3804"N	80°52'20.1122"W	7677.10	173.277	0.74	-0.33	0.66	
15627.00	89.880	159.850	6540.26	7605.78	-7713.68	930.95	1676665.67	14216022.46	39°08'54.4967"N	80°52'19.7045"W	7769.65	173.118	0.71	-0.28	-0.65	
15816.00	87.810	159.390	6544.07	7794.65	-7890.80	996.75	1676731.45	14215845.41	39°08'52.7451"N	80°52'18.8725"W	7953.50	172.801	1.12	-1.10	-0.24	
15911.00	89.630	159.620	6546.19	7889.57	-7979.76	1030.00	1676764.69	14215756.49	39°08'51.8654"N	80°52'18.4520"W	8045.96	172.645	1.93	1.92	0.24	
16005.00	89.690	162.770	6546.75	7983.56	-8068.73	1060.30	1676794.97	14215667.55	39°08'50.9856"N	80°52'18.0691"W	8138.10	172.514	3.35	0.06	3.35	
16100.00	89.820	162.040	6547.16	8078.54	-8159.28	1089.01	1676823.66	14215577.03	39°08'50.0901"N	80°52'17.7062"W	8231.64	172.398	0.78	0.14	-0.77	
16194.00	89.600	162.360	6547.63	8172.53	-8248.78	1117.75	1676852.40	14215487.57	39°08'49.2051"N	80°52'17.3431"W	8324.17	172.283	0.41	-0.23	0.34	
16288.00	89.600	161.550	6548.29	8266.52	-8338.16	1146.86	1676881.50	14215398.23	39°08'48.3214"N	80°52'16.9751"W	8416.66	172.168	0.86	0.00	-0.86	
16383.00	89.750	162.520	6548.83	8361.51	-8428.52	1176.16	1676910.79	14215307.90	39°08'47.4278"N	80°52'16.6048"W	8510.19	172.056	1.03	0.16	1.02	
16477.00	89.720	162.190	6549.26	8455.49	-8518.10	1204.66	1676939.27	14215218.36	39°08'46.5420"N	80°52'16.2448"W	8602.86	171.950	0.35	-0.03	-0.35	



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (225 stations)																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	("/100ft)	("/100ft)	("/100ft)	
16666.00	89.940	162.310	6549.82	8644.47	-8698.10	1262.28	1676996.87	14215038.43	39°08'44.7621"N	80°52'15.5167"W	8789.21	171.743	0.13	0.12	0.06	
16761.00	89.750	162.030	6550.08	8739.45	-8788.54	1291.36	1677025.95	14214948.03	39°08'43.8678"N	80°52'15.1491"W	8882.91	171.841	0.36	-0.20	-0.29	
16856.00	89.450	161.710	6550.74	8834.45	-8878.82	1320.93	1677055.50	14214857.79	39°08'42.9750"N	80°52'14.7756"W	8976.54	171.538	0.46	-0.32	-0.34	
17046.00	89.350	162.340	6552.73	9024.42	-9059.53	1379.56	1677114.10	14214677.14	39°08'41.1880"N	80°52'14.0347"W	9163.97	171.342	0.34	-0.05	0.33	
17140.00	91.260	161.940	6552.23	9118.41	-9149.00	1408.38	1677142.92	14214587.72	39°08'40.3034"N	80°52'13.6704"W	9256.77	171.249	2.08	2.03	-0.43	
17235.00	90.030	161.790	6551.16	9213.40	-9239.27	1437.95	1677172.47	14214497.48	39°08'39.4107"N	80°52'13.2968"W	9350.50	171.154	1.30	-1.29	-0.16	
17329.00	89.600	162.240	6551.47	9307.39	-9328.68	1466.97	1677201.49	14214408.11	39°08'38.5266"N	80°52'12.9300"W	9443.32	171.063	0.66	-0.46	0.48	
17423.00	89.570	161.580	6552.15	9401.38	-9418.03	1496.16	1677230.66	14214318.79	39°08'37.6430"N	80°52'12.5612"W	9536.13	170.973	0.70	-0.03	-0.70	
17518.00	90.490	162.010	6552.10	9496.38	-9508.27	1525.84	1677260.33	14214228.59	39°08'36.7507"N	80°52'12.1861"W	9629.92	170.883	1.07	0.97	0.45	
17613.00	89.050	161.900	6552.48	9591.37	-9598.60	1555.27	1677289.74	14214138.30	39°08'35.8575"N	80°52'11.8143"W	9723.78	170.796	1.52	-1.52	-0.12	
17707.00	87.110	161.020	6555.63	9685.31	-9687.66	1585.14	1677319.60	14214049.27	39°08'34.9767"N	80°52'11.4368"W	9816.49	170.707	2.27	-2.06	-0.94	
17802.00	89.780	162.200	6558.21	9780.26	-9777.77	1615.09	1677349.55	14213959.20	39°08'34.0857"N	80°52'11.0582"W	9910.26	170.621	3.07	2.81	1.24	
17896.00	89.540	162.470	6558.76	9874.25	-9867.33	1643.62	1677378.06	14213869.67	39°08'33.2000"N	80°52'10.6978"W	10003.29	170.543	0.38	-0.26	0.29	
17991.00	89.480	161.900	6559.58	9969.23	-9957.78	1672.68	1677407.11	14213779.26	39°08'32.3057"N	80°52'10.3306"W	10097.28	170.465	0.60	-0.06	-0.60	
18086.00	89.450	161.720	6560.46	10064.22	-10048.02	1702.34	1677436.75	14213689.05	39°08'31.4133"N	80°52'9.9559"W	10191.21	170.384	0.19	-0.03	-0.19	
18181.00	89.750	162.190	6561.13	10159.22	-10138.35	1731.76	1677466.17	14213598.76	39°08'30.5201"N	80°52'9.5840"W	10285.19	170.307	0.59	0.32	0.49	
18275.00	89.540	162.090	6561.71	10253.20	-10227.82	1760.59	1677494.99	14213509.33	39°08'29.6354"N	80°52'9.2198"W	10378.24	170.233	0.25	-0.22	-0.11	
18369.00	89.480	161.730	6562.51	10347.20	-10317.17	1789.78	1677524.16	14213420.02	39°08'28.7518"N	80°52'8.8510"W	10471.26	170.159	0.39	-0.06	-0.38	
18464.00	90.340	162.400	6562.66	10442.19	-10407.55	1819.03	1677553.40	14213329.67	39°08'27.8581"N	80°52'8.4814"W	10565.32	170.086	1.15	0.91	0.71	
18559.00	89.690	161.770	6562.64	10537.18	-10497.94	1848.25	1677582.61	14213239.31	39°08'26.9642"N	80°52'8.1121"W	10659.40	170.015	0.95	-0.68	-0.66	
18653.00	90.220	161.740	6562.71	10631.17	-10587.22	1877.68	1677612.03	14213150.07	39°08'26.0814"N	80°52'7.7403"W	10752.43	169.943	0.56	0.56	-0.03	
18747.00	90.180	162.230	6562.38	10725.17	-10676.61	1906.75	1677641.09	14213060.72	39°08'25.1975"N	80°52'7.3730"W	10845.54	169.874	0.52	-0.04	0.52	
18842.00	90.060	161.490	6562.18	10820.16	-10766.88	1936.33	1677670.65	14212970.48	39°08'24.3047"N	80°52'6.9992"W	10939.62	169.805	0.79	-0.13	-0.78	
18936.00	89.940	161.430	6562.18	10914.16	-10856.01	1966.22	1677700.53	14212881.39	39°08'23.4234"N	80°52'6.6215"W	11032.63	169.734	0.14	-0.13	-0.06	
19031.00	90.090	162.190	6562.16	11009.16	-10946.26	1995.88	1677730.18	14212791.18	39°08'22.5310"N	80°52'6.2468"W	11126.73	169.667	0.82	0.16	0.80	
19126.00	90.370	162.390	6561.78	11104.14	-11036.75	2024.77	1677759.06	14212700.72	39°08'21.6361"N	80°52'5.8817"W	11220.95	169.604	0.36	0.29	0.21	
19221.00	90.060	162.130	6561.42	11199.13	-11127.24	2053.72	1677788.00	14212610.27	39°08'20.7413"N	80°52'5.5160"W	11315.17	169.543	0.43	-0.33	-0.27	
19315.00	90.090	161.870	6561.30	11293.12	-11216.64	2082.77	1677817.03	14212520.91	39°08'19.8573"N	80°52'5.1490"W	11408.37	169.481	0.28	0.03	-0.28	
19504.00	90.520	161.730	6560.29	11482.11	-11396.18	2141.80	1677876.04	14212341.44	39°08'18.0819"N	80°52'4.4032"W	11595.70	169.356	0.24	0.23	-0.07	
19599.00	89.940	161.700	6559.91	11577.11	-11486.38	2171.60	1677905.83	14212251.27	39°08'17.1899"N	80°52'4.0266"W	11689.86	169.294	0.61	-0.61	-0.03	



Actual Wellpath Report

Maxson Unit 1H AWP Proj: 20997'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH DATA (225 stations) † = interpolated, ‡ = extrapolated station																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]	
19694.00	90.250	161.640	6559.75	11672.11	-11576.56	2201.48	1677935.70	14212161.13	39°08'16.2981"N	80°52'3.6491"W	11784.02	169.233	0.33	0.33	-0.06	
19788.00	90.460	162.060	6559.17	11766.10	-11665.88	2230.76	1677964.97	14212071.84	39°08'15.4149"N	80°52'3.2791"W	11877.25	169.175	0.50	0.22	0.45	
19882.00	90.150	162.170	6558.67	11860.09	-11755.34	2259.63	1677993.82	14211982.42	39°08'14.5303"N	80°52'2.9144"W	11970.54	169.119	0.35	-0.33	0.12	
19977.00	89.630	161.930	6558.85	11955.08	-11845.71	2288.91	1678023.09	14211892.08	39°08'13.6366"N	80°52'2.5445"W	12064.82	169.064	0.60	-0.55	-0.25	
20072.00	89.660	162.730	6559.44	12050.07	-11936.23	2317.74	1678051.91	14211801.60	39°08'12.7415"N	80°52'2.1803"W	12159.17	169.011	0.84	0.03	0.84	
20166.00	90.370	161.480	6559.42	12144.06	-12025.68	2346.62	1678080.78	14211712.19	39°08'11.8570"N	80°52'1.8154"W	12252.49	168.958	1.53	0.76	-1.33	
20261.00	90.310	161.580	6558.85	12239.05	-12115.78	2376.72	1678110.87	14211622.12	39°08'10.9659"N	80°52'1.4351"W	12346.70	168.901	1.12	-0.06	0.11	
20355.00	90.520	161.730	6558.17	12333.05	-12205.00	2406.30	1678140.44	14211532.94	39°08'10.0837"N	80°52'1.0613"W	12439.95	168.847	0.27	0.22	0.16	
20450.00	90.650	161.820	6557.20	12428.04	-12295.23	2436.01	1678170.14	14211442.74	39°08'9.1914"N	80°52'0.6859"W	12534.23	168.793	0.17	0.14	0.09	
20544.00	90.680	162.040	6556.11	12522.03	-12384.59	2465.17	1678199.28	14211353.42	39°08'8.3078"N	80°52'0.3176"W	12627.55	168.742	0.24	0.03	0.23	
20639.00	90.460	161.880	6555.17	12617.02	-12474.92	2494.59	1678228.69	14211263.13	39°08'7.4146"N	80°51'59.9460"W	12721.89	168.692	0.29	-0.23	-0.17	
20734.00	90.950	162.400	6554.00	12712.00	-12565.33	2523.72	1678257.81	14211172.75	39°08'6.5205"N	80°51'59.5779"W	12816.27	168.643	0.75	0.52	0.55	
20923.00	90.000	161.740	6552.43	12900.98	-12745.14	2581.90	1678315.97	14210993.01	39°08'4.7424"N	80°51'58.8429"W	13004.03	168.548	0.61	-0.50	-0.35	
20972.00	90.030	162.290	6552.42	12949.97	-12791.75	2597.03	1678331.09	14210946.43	39°08'4.2815"N	80°51'58.6518"W	13052.71	168.524	1.12	0.06	1.12	
20997.00†	90.030	162.290	6552.41	12974.97	-12815.56	2604.64	1678338.69	14210922.62	39°08'4.0460"N	80°51'58.5557"W	13077.57	168.512	0.00	0.00	0.00	Projected MD at TD: 20997'



Actual Wellpath Report

Maxson Unit 1H AWP Proj: 20997'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

HOLE & CASING SECTIONS - Ref Wellbore: Maxson Unit 1H AWB Ref Wellpath: Maxson Unit 1H AWP Proj: 20997'

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	-0.22	0.12
17.5in Open Hole	130.00	597.00	467.00	130.00	597.00	-0.22	0.12	-1.78	0.54
13.375in Casing Surface	30.00	577.00	547.00	30.00	577.00	0.00	0.00	-1.69	0.56
12.25in Open Hole	597.00	2704.00	2107.00	597.00	2601.25	-1.78	0.54	240.90	-518.42
9.625in Casing Intermediate	30.00	2684.00	2654.00	30.00	2583.38	0.00	0.00	238.29	-509.84
8.75in Open Hole	2704.00	6045.00	3341.00	2601.25	5677.17	240.90	-518.42	717.04	-1722.75
8.5in Open Hole	6045.00	20997.00	14952.00	5677.17	6552.41	717.04	-1722.75	-12815.56	2604.64
5.5in Casing Production	30.00	20977.00	20947.00	30.00	6552.42	0.00	0.00	-12796.51	2598.55

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Maxson Unit 1H POE Rev-3	6557.00	192.34	-1770.16	1673965.65	14223925.31	39°10'12.6755"N	80°52'53.8588"W	point
Maxson Unit 1H BHL Rev-3	6579.00	-12837.28	2632.35	1678366.40	14210900.91	39°08'3.8309"N	80°51'58.2044"W	point
Maxson Unit 1H LP Rev-3	6579.00	25.46	-1713.77	1674022.01	14223758.50	39°10'11.0253"N	80°52'53.1457"W	point
Maxson Unit 1H 50' L/R Hard Line	7000.00	-6322.47	431.10	1676166.03	14217413.11	39°09'8.2542"N	80°52'26.0246"W	rectangle
	2D Rectangle 13753.3 x 100.							



Actual Wellpath Report

Maxson Unit 1H AWP Proj: 20997'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

WELLPATH COMPOSITION - Ref Wellbore: Maxson Unit 1H AWB Ref Wellpath: Maxson Unit 1H AWP Proj: 20997'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	567.00	Gyrodatta 2015 - GC+WIR+DPIPE	01 Gyrodatta MS Gyro <17-1/2"> (100'-567')	Maxson Unit 1H AWB	16/Jan/2022
567.00	2630.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (567')(600'-2630')	Maxson Unit 1H AWB	16/Jan/2022
2630.00	5974.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2630')(2756'-5974')	Maxson Unit 1H AWB	01/Feb/2022
5974.00	20997.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (5974')(6071'-20972')	Maxson Unit 1H AWB	01/Feb/2022



Actual Wellpath Report

Maxson Unit 1H AWP Proj: 20997'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Maxson Unit 1H
Field	Ritchie	API	47-085-10412-0000
Facility	Weekley West Pad	Wellbore	Maxson Unit 1H AWB
Slot	Slot B		

COMMENTS
<p>Wellpath general comments API: 47-085-10412-0000 BH Job #: 111180560 Rig: H&P 531 Duration: 2/3/2022-2/8/2022 Gyrodata MS Gyro <17-1/2"> (100'-567') APS EM <12-1/4"> (567')(600'-2630') APS EM <8-3/4"> (2630')(2756'-5974') BH AT Curve <8-1/2"> (5974')(6071'-20972') Sycamore: 6612' MD Middlesex: 6811' MD Burkett: 7001' MD Tully: 7103' MD Marcellus POE: 7190' MD Projected MD at TD: 20997'</p>



ANTERO RESOURCES CORPORATION



Location: Ritchie County, WV
 Field: Ritchie
 Facility: Weekley West Pad

Slot: Slot B
 Well: Maxson Unit 1H
 Wellbore: Maxson Unit 1H PWB

Plot reference wellpath is Maxson Unit 1H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 531 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 531 (RKB)	Scale: True distance
H&P 531 (RKB) to Mean Sea Level: 1155 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot B): -1125 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created in: earthsurfer on 2022-02-24; Database: WA_MPL_EASTERNUS_Defn

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Weekley West Pad	1675735.170	14223718.080	39°10'10.6030"N	80°52'31.3860"W
Slot	Local N (ft)	Local E (ft)	Grid North (US ft)	Grid East (US ft)
Slot B	14.98	-0.07	1675735.100	14223733.050
			Latitude	Longitude
			39°10'10.7510"N	80°52'31.3868"W

Comment: Maxson Unit 1H	
H&P 531 (RKB) to Ground level (At Slot: Slot B):	30ft
Mean Sea Level to Ground level (At Slot: Slot B):	-1125ft
H&P 531 (RKB) to Mean Sea Level:	1155ft

Well Profile Data								
Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS ("/100ft)	VS (ft)
Tie On	2630.00	25.600	287.960	2534.86	231.16	-487.23	2.31	-374.97
Proj. to Bottom	2704.00	25.600	287.960	2601.60	241.02	-517.64	0.00	-394.04
Drill Out	2784.00	25.600	287.960	2673.74	251.68	-550.53	0.00	-414.67
End of 3D Arc	2853.48	22.965	293.154	2828.23	275.98	-615.78	2.00	-458.57
Curve KOP	6072.05	22.865	293.154	6899.63	754.41	-1734.54	0.00	-1269.97
POE	7215.48	75.762	161.331	6557.00	192.34	-1770.18	8.00	-748.87
Landing Pt.	7393.46	90.000	161.331	6579.00	25.46	-1713.77	8.00	-572.72
BHL	20970.60	90.000	161.331	6579.00	-12837.28	2632.35	0.00	13004.42

Well Data			
Slot	Well	Wellbore	Wellpath
Slot B	Maxson Unit 1H	Maxson Unit 1H AWP	Maxson Unit 1H AWP Proj: 20997
Slot B	Maxson Unit 1H	Maxson Unit 1H PWB	Maxson Unit 1H PWP Rev-B.0

