



Actual Wellpath Report

Galt Unit 2H AWP Proj: 14919'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Galt Unit 2H
Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Delaset
Scale	0.999601	Report Generated	11/21/2019 at 2:36:46 PM
Convergence at slot	0.05° 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	-30.35	0.81	1663785.44	14333810.36	39°28'19.2900"N	80°55'1.8900"W
Facility Reference Pt			1663784.63	14333840.70	39°28'19.5900"N	80°55'1.9000"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	761.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	761.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot #02)	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	161.24°

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WELLPATH DATA (181 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	225.430	0.00	0.00	0.00	0.00	1663785.44	14333810.36	39°28'19.2900"N	80°55'1.8900"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	225.430	30.00	0.00	0.00	0.00	1663785.44	14333810.36	39°28'19.2900"N	80°55'1.8900"W	0.00	0.000	0.00	0.00	0.00	
65.00	0.770	225.430	65.00	0.10	-0.17	-0.17	1663785.28	14333810.19	39°28'19.2884"N	80°55'1.8921"W	0.24	225.430	2.20	2.20	0.00	Gyrodata MS Gyro <17-1/2">(65'-305')
90.00	0.760	215.380	90.00	0.27	-0.42	-0.38	1663785.06	14333809.94	39°28'19.2859"N	80°55'1.8949"W	0.57	222.506	0.54	-0.04	-40.20	
115.00	0.700	237.760	114.99	0.41	-0.63	-0.61	1663784.84	14333809.72	39°28'19.2837"N	80°55'1.8978"W	0.88	223.784	1.16	-0.24	89.52	
140.00	0.680	246.430	139.99	0.45	-0.78	-0.87	1663784.57	14333809.58	39°28'19.2823"N	80°55'1.9011"W	1.17	228.400	0.42	-0.08	34.68	
165.00	0.670	250.910	164.99	0.47	-0.88	-1.15	1663784.30	14333809.48	39°28'19.2813"N	80°55'1.9046"W	1.45	232.435	0.21	-0.04	17.92	
190.00	0.740	252.150	189.99	0.46	-0.98	-1.44	1663784.00	14333809.38	39°28'19.2803"N	80°55'1.9084"W	1.74	235.753	0.29	0.28	4.96	
215.00	0.650	252.720	214.99	0.46	-1.07	-1.73	1663783.72	14333809.29	39°28'19.2794"N	80°55'1.9121"W	2.03	238.203	0.36	-0.36	2.28	
240.00	0.480	269.290	239.99	0.42	-1.11	-1.97	1663783.48	14333809.24	39°28'19.2790"N	80°55'1.9151"W	2.26	240.473	0.94	-0.68	66.28	
265.00	0.410	282.840	264.99	0.34	-1.10	-2.16	1663783.28	14333809.26	39°28'19.2792"N	80°55'1.9176"W	2.42	243.093	0.50	-0.28	54.20	
290.00	0.510	292.850	289.98	0.22	-1.03	-2.35	1663783.09	14333809.33	39°28'19.2798"N	80°55'1.9200"W	2.57	246.267	0.51	0.40	40.04	
305.00	0.550	289.790	304.98	0.13	-0.98	-2.48	1663782.96	14333809.38	39°28'19.2803"N	80°55'1.9216"W	2.67	248.374	0.33	0.27	-20.40	
397.00	0.980	287.630	396.98	-0.61	-0.60	-3.65	1663781.80	14333809.76	39°28'19.2841"N	80°55'1.9365"W	3.69	260.706	0.47	0.47	-2.46	Gyrodata MS Gyro <12-1/4">(305')(397'-675')
490.00	1.810	287.720	489.95	-1.95	0.09	-5.80	1663779.64	14333810.45	39°28'19.2909"N	80°55'1.9640"W	5.80	270.889	0.89	0.89	0.20	
583.00	3.340	288.780	582.85	-4.48	1.41	-9.77	1663775.68	14333811.77	39°28'19.3040"N	80°55'2.0145"W	9.87	278.211	1.65	1.65	1.14	
675.00	4.730	288.380	674.62	-8.40	3.47	-15.90	1663769.55	14333813.83	39°28'19.3244"N	80°55'2.0928"W	16.28	282.302	1.51	1.51	-0.43	
796.00	5.720	282.030	795.12	-14.50	6.30	-26.54	1663758.92	14333816.65	39°28'19.3525"N	80°55'2.2283"W	27.27	283.352	0.95	0.82	-5.25	WFT EM <12-1/4">(675')(796'-2517')
888.00	5.590	276.160	886.67	-18.73	7.73	-35.48	1663749.98	14333818.09	39°28'19.3668"N	80°55'2.3423"W	36.31	282.300	0.64	-0.14	-6.38	
986.00	5.800	269.580	984.19	-22.30	8.21	-45.17	1663740.29	14333818.57	39°28'19.3716"N	80°55'2.4659"W	45.91	280.301	0.70	0.21	-6.71	
1080.00	5.910	263.770	1077.70	-24.85	7.65	-54.73	1663730.73	14333818.01	39°28'19.3661"N	80°55'2.5878"W	55.27	277.957	0.64	0.12	-6.18	
1175.00	4.970	258.300	1172.27	-26.41	6.29	-63.62	1663721.84	14333816.64	39°28'19.3527"N	80°55'2.7012"W	63.93	275.642	1.13	-0.99	-5.76	
1269.00	3.860	248.620	1265.99	-26.77	4.31	-70.56	1663714.91	14333814.66	39°28'19.3332"N	80°55'2.7897"W	70.69	273.492	1.42	-1.18	-10.30	
1363.00	2.050	233.480	1359.86	-26.11	2.15	-74.86	1663710.62	14333812.51	39°28'19.3119"N	80°55'2.8445"W	74.89	271.647	2.08	-1.93	-16.11	
1458.00	0.340	256.040	1454.84	-25.62	1.07	-76.50	1663708.98	14333811.43	39°28'19.3013"N	80°55'2.8654"W	76.50	270.803	1.83	-1.80	23.75	
1552.00	0.930	22.690	1548.84	-26.21	1.71	-76.47	1663709.00	14333812.07	39°28'19.3076"N	80°55'2.8651"W	76.49	271.280	1.24	0.63	134.73	
1647.00	1.420	8.960	1643.82	-27.83	3.58	-75.99	1663709.48	14333813.94	39°28'19.3261"N	80°55'2.8590"W	76.08	272.700	0.59	0.52	-14.45	
1742.00	0.170	326.850	1738.80	-29.01	4.86	-75.89	1663709.59	14333815.22	39°28'19.3388"N	80°55'2.8576"W	76.04	273.667	1.37	-1.32	-44.33	
1836.00	1.530	203.090	1832.79	-28.21	3.83	-76.45	1663709.02	14333814.18	39°28'19.3285"N	80°55'2.8649"W	76.55	272.865	1.73	1.45	-131.66	
1931.00	1.530	208.710	1927.76	-26.41	1.55	-77.56	1663707.91	14333811.90	39°28'19.3060"N	80°55'2.8790"W	77.58	271.143	0.16	0.00	5.92	

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Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (181 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)	
2026.00	0.560	131.150	2022.75	-25.15	0.13	-77.82	1663707.65	14333810.49	39°28'19.2920"N	80°55'2.8823"W	77.82	270.095	1.59	-1.02	-81.64	
2120.00	1.850	67.360	2116.73	-24.85	0.41	-76.07	1663709.40	14333810.77	39°28'19.2948"N	80°55'2.8601"W	76.07	270.310	1.79	1.37	-67.86	
2215.00	1.380	65.190	2211.69	-25.08	1.48	-73.62	1663711.85	14333811.84	39°28'19.3053"N	80°55'2.8288"W	73.63	271.153	0.50	-0.49	-2.28	
2310.00	0.470	344.380	2306.68	-25.59	2.34	-72.69	1663712.79	14333812.69	39°28'19.3138"N	80°55'2.8168"W	72.72	271.841	1.46	-0.96	-85.06	
2404.00	1.410	284.260	2400.67	-26.60	2.99	-73.91	1663711.56	14333813.35	39°28'19.3202"N	80°55'2.8325"W	73.97	272.319	1.32	1.00	-63.96	
2517.00	1.170	231.710	2513.64	-26.98	2.62	-76.16	1663709.31	14333812.98	39°28'19.3166"N	80°55'2.8612"W	76.21	271.971	1.03	-0.21	-46.50	
2634.00	1.980	214.280	2630.60	-25.36	0.21	-78.24	1663707.23	14333810.57	39°28'19.2928"N	80°55'2.8877"W	78.24	270.154	0.80	0.69	-14.90	WFT EM <8-3/4">(2517')(2634'-5856')
2729.00	2.030	243.980	2725.54	-24.16	-1.88	-80.68	1663704.80	14333808.48	39°28'19.2721"N	80°55'2.9188"W	80.70	268.662	1.08	0.05	31.26	
2824.00	4.090	280.240	2820.41	-25.59	-2.02	-85.52	1663699.95	14333808.34	39°28'19.2708"N	80°55'2.9806"W	85.55	268.647	2.87	2.17	38.17	
2919.00	6.830	291.110	2914.97	-30.86	0.62	-94.13	1663691.35	14333810.98	39°28'19.2970"N	80°55'3.0903"W	94.13	270.376	3.07	2.88	11.44	
3013.00	8.660	293.030	3008.11	-39.16	5.40	-105.86	1663679.63	14333815.76	39°28'19.3443"N	80°55'3.2398"W	105.99	272.920	1.97	1.95	2.04	
3110.00	10.270	293.280	3103.78	-49.81	11.67	-120.52	1663664.97	14333822.03	39°28'19.4065"N	80°55'3.4267"W	121.09	275.533	1.66	1.66	0.26	
3204.00	11.200	297.890	3196.14	-62.06	19.26	-136.29	1663649.21	14333829.61	39°28'19.4816"N	80°55'3.6277"W	137.64	278.042	1.35	0.99	4.90	
3299.00	11.880	301.110	3289.22	-76.25	28.62	-152.82	1663632.69	14333838.97	39°28'19.5743"N	80°55'3.8383"W	155.47	280.610	0.99	0.72	3.39	
3394.00	13.150	299.290	3381.96	-91.76	38.96	-170.61	1663614.90	14333849.31	39°28'19.6766"N	80°55'4.0651"W	175.01	282.865	1.40	1.34	-1.92	
3488.00	15.180	296.020	3473.10	-108.39	49.60	-191.00	1663594.52	14333859.93	39°28'19.7819"N	80°55'4.3250"W	197.33	284.556	2.32	2.16	-3.48	
3583.00	17.110	298.070	3564.35	-127.34	61.63	-214.51	1663571.02	14333871.96	39°28'19.9010"N	80°55'4.6247"W	223.19	286.029	2.12	2.03	2.16	
3678.00	18.830	300.050	3654.71	-149.07	75.88	-240.11	1663545.42	14333886.21	39°28'20.0422"N	80°55'4.9510"W	251.82	287.538	1.92	1.81	2.08	
3772.00	20.980	300.940	3743.09	-173.33	92.13	-267.68	1663517.87	14333902.46	39°28'20.2030"N	80°55'5.3023"W	283.09	288.993	2.31	2.29	0.95	
3867.00	23.670	300.550	3830.96	-200.76	110.57	-298.70	1663486.87	14333920.89	39°28'20.3855"N	80°55'5.6976"W	318.51	290.314	2.84	2.83	-0.41	
3962.00	25.270	298.220	3917.43	-230.05	129.86	-332.99	1663452.59	14333940.16	39°28'20.5764"N	80°55'6.1347"W	357.41	291.304	1.97	1.68	-2.45	
4056.00	27.040	294.990	4001.81	-259.50	148.37	-370.04	1663415.55	14333958.67	39°28'20.7598"N	80°55'6.6069"W	398.68	291.849	2.42	1.88	-3.44	
4153.00	29.320	291.000	4087.31	-289.94	166.20	-412.21	1663373.40	14333976.49	39°28'20.9364"N	80°55'7.1444"W	444.45	291.959	3.05	2.35	-4.11	
4248.00	30.940	288.890	4169.47	-319.74	182.45	-457.03	1663328.59	14333992.73	39°28'21.0973"N	80°55'7.7158"W	492.10	291.762	2.04	1.71	-2.22	
4343.00	30.710	289.030	4251.05	-349.52	198.26	-503.07	1663282.57	14334008.54	39°28'21.2540"N	80°55'8.3027"W	540.73	291.510	0.25	-0.24	0.15	
4437.00	28.830	290.750	4332.65	-378.65	214.12	-546.96	1663238.70	14334024.39	39°28'21.4112"N	80°55'8.8622"W	587.38	291.379	2.20	-2.00	1.83	
4532.00	28.330	293.330	4416.07	-408.33	231.16	-589.08	1663196.60	14334041.43	39°28'21.5800"N	80°55'9.3991"W	632.81	291.426	1.40	-0.53	2.72	
4627.00	30.290	295.620	4498.91	-440.20	250.45	-631.39	1663154.31	14334060.71	39°28'21.7710"N	80°55'9.9383"W	679.25	291.637	2.38	2.06	2.41	
4722.00	31.050	296.340	4580.82	-474.31	271.68	-674.95	1663110.77	14334081.93	39°28'21.9812"N	80°55'10.4936"W	727.57	291.926	0.89	0.80	0.76	
4816.00	31.350	297.540	4661.03	-509.16	293.74	-718.35	1663067.38	14334103.99	39°28'22.1996"N	80°55'11.0468"W	776.09	292.240	0.73	0.32	1.28	

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(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(US ft)	(US ft)			(ft)	(°)	("/100ft)	("/100ft)	("/100ft)	
4911.00	31.440	299.040	4742.12	-545.39	317.20	-761.93	1663023.82	14334127.43	39°28'22.4318"N	80°55'11.6022"W	825.32	292.602	0.83	0.09	1.58	
5005.00	31.120	299.500	4822.46	-581.67	341.06	-804.50	1662981.26	14334151.28	39°28'22.6680"N	80°55'12.1449"W	873.81	292.974	0.42	-0.34	0.49	
5100.00	30.870	300.280	4903.89	-618.40	365.44	-846.92	1662938.87	14334175.65	39°28'22.9093"N	80°55'12.6854"W	922.39	293.340	0.50	-0.26	0.82	
5196.00	31.090	299.660	4986.20	-655.54	390.12	-889.72	1662896.08	14334200.32	39°28'23.1537"N	80°55'13.2310"W	971.50	293.676	0.40	0.23	-0.65	
5289.00	30.850	298.170	5065.94	-690.92	413.26	-931.61	1662854.21	14334223.45	39°28'23.3827"N	80°55'13.7649"W	1019.16	293.922	0.86	-0.26	-1.60	
5352.00	25.820	292.100	5121.38	-711.71	426.06	-958.58	1662827.24	14334236.25	39°28'23.5094"N	80°55'14.1087"W	1049.01	293.964	9.19	-7.98	-9.63	
5415.00	20.080	282.530	5179.39	-726.32	433.58	-981.88	1662803.96	14334243.76	39°28'23.5839"N	80°55'14.4057"W	1073.35	293.825	10.84	-9.11	-15.19	
5478.00	17.850	271.680	5238.99	-735.31	436.21	-1002.10	1662783.75	14334246.39	39°28'23.6101"N	80°55'14.6635"W	1092.92	293.523	6.61	-3.54	-17.22	
5541.00	16.220	258.650	5299.25	-739.82	434.76	-1020.39	1662765.47	14334244.94	39°28'23.5960"N	80°55'14.8967"W	1109.14	293.078	6.57	-2.59	-20.68	
5604.00	16.280	242.050	5359.76	-739.55	428.88	-1036.82	1662749.04	14334239.07	39°28'23.5380"N	80°55'15.1064"W	1122.03	292.473	7.35	0.10	-26.35	
5667.00	19.160	228.320	5419.79	-734.11	417.86	-1052.35	1662733.51	14334228.05	39°28'23.4293"N	80°55'15.3045"W	1132.28	291.657	8.03	4.57	-21.79	
5731.00	22.760	216.170	5479.58	-722.89	400.87	-1067.52	1662718.36	14334211.07	39°28'23.2615"N	80°55'15.4981"W	1140.30	290.582	8.79	5.62	-18.98	
5793.00	25.740	203.470	5536.14	-706.02	378.82	-1079.97	1662705.91	14334189.03	39°28'23.0436"N	80°55'15.6571"W	1144.48	289.329	9.66	4.81	-20.48	
5856.00	26.000	187.850	5592.89	-683.52	352.56	-1087.31	1662698.57	14334162.78	39°28'22.7842"N	80°55'15.7510"W	1143.04	287.965	10.80	0.41	-24.79	
5922.00	27.590	180.320	5651.82	-656.13	322.94	-1089.37	1662696.51	14334133.17	39°28'22.4914"N	80°55'15.7777"W	1136.23	286.512	5.67	2.41	-11.41	BH ATCurve <8-1/2"> (5856' \ 5922'-14894')
5937.00	27.770	179.680	5665.10	-649.53	315.97	-1089.37	1662696.51	14334126.20	39°28'22.4225"N	80°55'15.7777"W	1134.27	286.175	2.32	1.20	-4.27	
6031.00	32.240	184.130	5746.49	-605.63	269.03	-1091.06	1662694.82	14334079.29	39°28'21.9587"N	80°55'15.7997"W	1123.74	283.852	5.31	4.76	4.73	
6125.00	40.860	183.160	5821.94	-553.91	213.22	-1094.56	1662691.32	14334023.49	39°28'21.4070"N	80°55'15.8451"W	1115.14	281.023	9.19	9.17	-1.03	
6218.00	48.660	175.370	5887.97	-491.69	147.90	-1093.42	1662692.46	14333958.20	39°28'20.7614"N	80°55'15.8312"W	1103.38	277.703	10.24	8.39	-8.38	
6230.00	49.930	174.488	5895.80	-482.85	138.83	-1092.62	1662693.27	14333949.14	39°28'20.6719"N	80°55'15.8211"W	1101.40	277.242	12.03	10.66	-7.35	Middlesex: 6230' MD
6262.00	53.380	172.290	5915.65	-458.32	113.91	-1089.72	1662696.17	14333924.22	39°28'20.4255"N	80°55'15.7844"W	1095.65	275.968	12.03	10.75	-6.87	
6312.00	57.990	170.940	5943.83	-417.70	73.07	-1083.68	1662702.20	14333883.40	39°28'20.0218"N	80°55'15.7079"W	1086.14	273.857	9.49	9.22	-2.70	
6357.00	62.060	170.630	5966.31	-379.27	34.60	-1077.44	1662708.44	14333844.94	39°28'19.6415"N	80°55'15.6287"W	1077.99	271.839	9.06	9.04	-0.69	
6400.00	64.685	170.962	5985.58	-341.37	-3.34	-1071.29	1662714.58	14333807.02	39°28'19.2665"N	80°55'15.5508"W	1071.30	269.821	6.14	6.10	0.77	Burkett: 6400' MD
6405.00	64.990	171.000	5987.70	-336.91	-7.81	-1070.58	1662715.29	14333802.55	39°28'19.2223"N	80°55'15.5418"W	1070.61	269.582	6.14	6.11	0.75	
6450.00	67.044	170.804	6005.99	-296.38	-48.41	-1064.08	1662721.79	14333761.97	39°28'18.8210"N	80°55'15.4593"W	1065.18	267.395	4.58	4.57	-0.43	Tully: 6450' MD
6451.00	67.090	170.800	6006.38	-295.47	-49.32	-1063.93	1662721.94	14333761.06	39°28'18.8120"N	80°55'15.4574"W	1065.08	267.346	4.58	4.57	-0.43	
6499.00	69.890	170.320	6023.98	-251.41	-93.36	-1056.61	1662729.26	14333717.03	39°28'18.3766"N	80°55'15.3645"W	1060.73	264.950	5.91	5.83	-1.00	
6501.00	70.052	170.280	6024.67	-249.55	-95.22	-1056.29	1662729.58	14333715.18	39°28'18.3583"N	80°55'15.3605"W	1060.57	264.849	8.33	8.12	-1.98	Marcellus POE: 6501' MD
6593.00	77.530	168.530	6050.33	-162.17	-181.98	-1040.04	1662745.82	14333628.45	39°28'17.5006"N	80°55'15.1542"W	1055.84	260.075	8.33	8.13	-1.90	

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Actual Wellpath Report

Galt Unit 2H AWP Proj: 14919'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Galt Unit 2H
Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (181 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
6687.00	85.780	166.820	6063.96	-69.83	-272.76	-1020.19	1662765.67	14333537.71	39°28'16.6033"N	80°55'14.9021"W	1056.02	255.031	8.96	8.78	-1.82	
6734.00	90.090	164.360	6065.65	-23.01	-318.24	-1008.50	1662777.35	14333492.25	39°28'16.1537"N	80°55'14.7536"W	1057.52	252.487	10.56	9.17	-5.23	
6780.00	90.060	162.860	6065.59	22.95	-362.36	-995.52	1662790.32	14333448.14	39°28'15.7174"N	80°55'14.5886"W	1059.42	249.999	3.26	-0.07	-3.26	
6874.00	90.030	161.110	6065.52	116.94	-451.75	-966.45	1662819.38	14333358.79	39°28'14.8337"N	80°55'14.2189"W	1066.82	244.947	1.86	-0.03	-1.86	
6968.00	90.060	159.430	6065.45	210.92	-540.23	-934.72	1662851.10	14333270.34	39°28'13.9590"N	80°55'13.8153"W	1079.61	239.974	1.79	0.03	-1.79	
7061.00	90.430	158.330	6065.05	303.84	-626.98	-901.21	1662884.59	14333183.63	39°28'13.1013"N	80°55'13.3890"W	1097.86	235.173	1.25	0.40	-1.18	
7154.00	89.970	155.890	6064.72	396.59	-712.65	-865.04	1662920.75	14333097.99	39°28'12.2543"N	80°55'12.9287"W	1120.79	230.517	2.67	-0.49	-2.62	
7248.00	89.720	156.140	6064.98	490.20	-798.53	-826.83	1662958.95	14333012.14	39°28'11.4051"N	80°55'12.4424"W	1149.48	225.997	0.38	-0.27	0.27	
7341.00	89.660	157.830	6065.48	582.94	-884.13	-790.47	1662995.29	14332926.59	39°28'10.5589"N	80°55'11.9798"W	1185.97	221.799	1.82	-0.06	1.82	
7435.00	89.820	157.360	6065.91	676.75	-971.03	-754.64	1663031.10	14332839.72	39°28'9.6997"N	80°55'11.5239"W	1229.79	217.853	0.53	0.17	-0.50	
7529.00	89.690	157.730	6066.31	770.55	-1057.90	-718.74	1663066.99	14332752.88	39°28'8.8407"N	80°55'11.0671"W	1278.96	214.192	0.42	-0.14	0.39	
7623.00	89.720	160.210	6066.79	864.47	-1145.63	-685.01	1663100.71	14332665.18	39°28'7.9734"N	80°55'10.6380"W	1334.81	210.877	2.64	0.03	2.64	
7717.00	89.660	159.470	6067.30	958.44	-1233.87	-652.61	1663133.09	14332576.98	39°28'7.1010"N	80°55'10.2259"W	1395.83	207.875	0.79	-0.06	-0.79	
7811.00	89.720	158.360	6067.81	1052.36	-1321.58	-618.80	1663166.89	14332489.31	39°28'6.2339"N	80°55'9.7958"W	1459.27	205.090	1.18	0.06	-1.18	
7905.00	89.570	155.930	6068.39	1146.11	-1408.19	-582.29	1663203.38	14332402.74	39°28'5.3775"N	80°55'9.3313"W	1523.83	202.465	2.59	-0.18	-2.59	
7999.00	89.380	159.380	6069.26	1239.91	-1495.11	-546.56	1663239.10	14332315.85	39°28'4.5181"N	80°55'8.8767"W	1591.88	200.081	3.68	-0.20	3.67	
8094.00	89.230	163.650	6070.41	1334.88	-1585.18	-516.45	1663269.20	14332225.81	39°28'3.6276"N	80°55'8.4937"W	1667.19	198.046	4.50	-0.16	4.49	
8187.00	88.980	168.770	6071.86	1427.48	-1675.46	-494.29	1663291.35	14332135.57	39°28'2.7352"N	80°55'8.2122"W	1746.85	196.437	5.51	-0.27	5.51	
8282.00	89.420	169.990	6073.19	1521.52	-1768.82	-476.79	1663308.85	14332042.24	39°28'1.8123"N	80°55'7.9901"W	1831.96	195.086	1.37	0.46	1.28	
8376.00	89.510	170.420	6074.07	1614.36	-1861.45	-460.80	1663324.83	14331949.66	39°28'0.8967"N	80°55'7.7873"W	1917.64	193.904	0.47	0.10	0.46	
8470.00	89.510	167.420	6074.87	1707.51	-1953.68	-442.73	1663342.89	14331857.46	39°27'59.9849"N	80°55'7.5580"W	2003.22	192.768	3.19	0.00	-3.19	
8564.00	89.600	164.610	6075.60	1801.17	-2044.89	-420.02	1663365.59	14331766.29	39°27'59.0833"N	80°55'7.2695"W	2087.58	191.607	2.99	0.10	-2.99	
8658.00	89.540	162.220	6076.31	1895.09	-2134.97	-393.19	1663392.41	14331676.25	39°27'58.1928"N	80°55'6.9284"W	2170.87	190.435	2.54	-0.06	-2.54	
8752.00	89.420	158.580	6077.16	1989.06	-2223.50	-361.67	1663423.92	14331587.75	39°27'57.3175"N	80°55'6.5275"W	2252.72	189.239	3.87	-0.13	-3.87	
8846.00	89.540	156.150	6078.01	2082.84	-2310.25	-325.49	1663460.08	14331501.04	39°27'56.4598"N	80°55'6.0673"W	2333.07	188.020	2.59	0.13	-2.59	
8940.00	89.420	157.840	6078.87	2176.57	-2396.77	-288.76	1663496.80	14331414.55	39°27'55.6044"N	80°55'5.5999"W	2414.10	186.870	1.80	-0.13	1.80	
9034.00	89.570	159.560	6079.69	2270.47	-2484.34	-254.62	1663530.93	14331327.02	39°27'54.7386"N	80°55'5.1656"W	2497.35	185.852	1.84	0.16	1.83	
9128.00	89.260	160.070	6080.65	2364.44	-2572.56	-222.18	1663563.35	14331238.83	39°27'53.8663"N	80°55'4.7530"W	2582.14	184.936	0.63	-0.33	0.54	
9222.00	89.350	160.670	6081.79	2458.42	-2661.09	-190.61	1663594.91	14331150.34	39°27'52.9911"N	80°55'4.3515"W	2667.91	184.097	0.65	0.10	0.64	
9316.00	89.480	161.530	6082.75	2552.41	-2750.02	-160.16	1663625.35	14331061.44	39°27'52.1119"N	80°55'3.9643"W	2754.68	183.333	0.93	0.14	0.91	

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Galt Unit 2H AWP Proj: 14919'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Galt Unit 2H
Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (181 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
9409.00	89.570	162.090	6083.53	2645.40	-2838.37	-131.13	1663654.37	14330973.13	39°27'51.2354"N	80°55'3.5952"W	2841.39	182.645	0.61	0.10	0.60	
9503.00	89.540	163.330	6084.26	2739.37	-2928.11	-103.19	1663682.29	14330883.42	39°27'50.3512"N	80°55'3.2400"W	2929.93	182.018	1.32	-0.03	1.32	
9596.00	89.420	163.050	6085.10	2832.31	-3017.14	-76.30	1663709.17	14330794.43	39°27'49.4711"N	80°55'2.8982"W	3018.10	181.449	0.33	-0.13	-0.30	
9690.00	89.510	163.190	6085.98	2926.26	-3107.08	-49.01	1663736.46	14330704.52	39°27'48.5819"N	80°55'2.5512"W	3107.47	180.904	0.18	0.10	0.15	
9785.00	89.480	162.140	6086.81	3021.22	-3197.76	-20.70	1663764.75	14330613.88	39°27'47.6854"N	80°55'2.1914"W	3197.83	180.371	1.11	-0.03	-1.11	
9880.00	89.510	160.790	6087.65	3116.21	-3287.83	9.50	1663794.93	14330523.85	39°27'46.7949"N	80°55'1.8074"W	3287.84	179.835	1.42	0.03	-1.42	
9975.00	89.510	159.210	6088.46	3211.19	-3377.09	41.99	1663827.41	14330434.62	39°27'45.9124"N	80°55'1.3942"W	3377.36	179.288	1.66	0.00	-1.66	
10069.00	89.510	158.470	6089.27	3305.10	-3464.75	75.92	1663861.33	14330347.00	39°27'45.0457"N	80°55'0.9627"W	3465.58	178.745	0.79	0.00	-0.79	
10164.00	90.520	159.350	6089.24	3400.02	-3553.39	110.10	1663895.50	14330258.40	39°27'44.1694"N	80°55'0.5279"W	3555.09	178.225	1.41	1.06	0.93	
10258.00	89.510	156.420	6089.22	3493.85	-3640.46	145.48	1663930.87	14330171.36	39°27'43.3085"N	80°55'0.0778"W	3643.37	177.712	3.30	-1.07	-3.12	
10353.00	89.630	153.430	6089.93	3588.26	-3726.50	185.74	1663971.11	14330085.36	39°27'42.4578"N	80°54'59.5655"W	3731.12	177.147	3.15	0.13	-3.15	
10447.00	89.750	154.890	6090.44	3681.54	-3811.09	226.71	1664012.06	14330000.79	39°27'41.6213"N	80°54'59.0442"W	3817.83	176.596	1.56	0.13	1.55	
10542.00	89.380	157.250	6091.16	3776.14	-3897.92	265.24	1664050.57	14329914.00	39°27'40.7628"N	80°54'58.5540"W	3906.93	176.107	2.51	-0.39	2.48	
10637.00	89.170	159.930	6092.36	3871.02	-3986.35	299.91	1664085.23	14329825.61	39°27'39.8885"N	80°54'58.1129"W	3997.61	175.698	2.83	-0.22	2.82	
10732.00	89.450	163.860	6093.51	3965.99	-4076.62	329.42	1664114.73	14329735.37	39°27'38.9961"N	80°54'57.7377"W	4089.91	175.380	4.15	0.29	4.14	
10826.00	89.630	165.990	6094.26	4059.79	-4167.38	353.87	1664139.17	14329644.65	39°27'38.0988"N	80°54'57.4271"W	4182.37	175.146	2.27	0.19	2.27	
10921.00	90.000	163.530	6094.57	4154.60	-4259.03	378.84	1664164.13	14329553.04	39°27'37.1928"N	80°54'57.1099"W	4275.84	174.917	2.62	0.39	-2.59	
11016.00	89.780	160.640	6094.75	4249.58	-4349.41	408.06	1664193.34	14329462.69	39°27'36.2992"N	80°54'56.7384"W	4368.51	174.640	3.05	-0.23	-3.04	
11111.00	88.920	158.950	6095.83	4344.54	-4438.56	440.87	1664226.13	14329373.58	39°27'35.4179"N	80°54'56.3212"W	4460.40	174.328	2.00	-0.91	-1.78	
11206.00	88.920	158.290	6097.62	4439.42	-4527.00	475.49	1664260.74	14329285.17	39°27'34.5434"N	80°54'55.8808"W	4551.91	174.004	0.69	0.00	-0.69	
11301.00	89.020	159.580	6099.33	4534.33	-4615.64	509.63	1664294.87	14329196.57	39°27'33.6671"N	80°54'55.4466"W	4643.69	173.699	1.36	0.11	1.36	
11395.00	88.860	161.110	6101.07	4628.30	-4704.14	541.24	1664326.47	14329108.10	39°27'32.7920"N	80°54'55.0446"W	4735.18	173.437	1.64	-0.17	1.63	
11489.00	88.520	162.900	6103.22	4722.26	-4793.52	570.27	1664355.49	14329018.76	39°27'31.9084"N	80°54'54.6756"W	4827.32	173.216	1.94	-0.36	1.90	
11585.00	89.020	164.380	6105.28	4818.15	-4885.61	597.31	1664382.51	14328926.71	39°27'30.9980"N	80°54'54.3320"W	4921.98	173.030	1.63	0.52	1.54	
11679.00	89.020	165.030	6106.89	4911.97	-4976.26	622.10	1664407.29	14328836.09	39°27'30.1018"N	80°54'54.0170"W	5015.00	172.874	0.69	0.00	0.69	
11773.00	89.020	163.100	6108.49	5005.83	-5066.63	647.90	1664433.08	14328745.76	39°27'29.2084"N	80°54'53.6892"W	5107.89	172.713	2.05	0.00	-2.05	
11866.00	88.860	161.740	6110.21	5098.79	-5155.27	675.99	1664461.16	14328657.15	39°27'28.3321"N	80°54'53.3322"W	5199.40	172.530	1.47	-0.17	-1.46	
11960.00	89.140	161.570	6111.85	5192.78	-5244.48	705.57	1664490.73	14328567.98	39°27'27.4501"N	80°54'52.9561"W	5291.73	172.338	0.35	0.30	-0.18	
12054.00	89.140	161.900	6113.27	5286.76	-5333.74	735.02	1664520.17	14328478.76	39°27'26.5677"N	80°54'52.5817"W	5384.14	172.154	0.35	0.00	0.35	
12148.00	89.080	163.020	6114.73	5380.73	-5423.35	763.35	1664548.49	14328389.18	39°27'25.6817"N	80°54'52.2216"W	5476.81	171.988	1.19	-0.06	1.19	

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Actual Wellpath Report

Galt Unit 2H AWP Proj: 14919'
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Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
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12242.00	89.230	163.650	6116.11	5474.66	-5513.40	790.30	1664575.43	14328299.18	39°27'24.7915"N	80°54'51.8791"W	5569.75	171.843	0.69	0.16	0.67	
12336.00	88.920	161.960	6117.63	5568.61	-5603.18	818.09	1664603.20	14328209.43	39°27'23.9039"N	80°54'51.5260"W	5662.59	171.693	1.83	-0.33	-1.80	
12429.00	89.420	162.380	6118.98	5661.58	-5691.70	846.56	1664631.66	14328120.94	39°27'23.0287"N	80°54'51.1641"W	5754.31	171.540	0.70	0.54	0.45	
12523.00	89.230	162.210	6120.08	5755.56	-5781.24	875.14	1664660.24	14328031.44	39°27'22.1435"N	80°54'50.8007"W	5847.11	171.392	0.27	-0.20	-0.18	
12617.00	89.320	162.620	6121.27	5849.53	-5870.84	903.54	1664688.62	14327941.87	39°27'21.2576"N	80°54'50.4398"W	5939.97	171.251	0.45	0.10	0.44	
12711.00	89.320	164.490	6122.39	5943.45	-5960.99	930.15	1664715.22	14327851.76	39°27'20.3664"N	80°54'50.1017"W	6033.12	171.131	1.99	0.00	1.99	
12806.00	89.450	166.470	6123.41	6038.17	-6052.94	953.97	1664739.03	14327759.84	39°27'19.4574"N	80°54'49.7992"W	6127.66	171.044	2.09	0.14	2.08	
12901.00	89.850	166.360	6123.99	6132.79	-6145.28	976.28	1664761.33	14327667.54	39°27'18.5445"N	80°54'49.5158"W	6222.35	170.973	0.44	0.42	-0.12	
12995.00	89.850	162.470	6124.24	6226.62	-6235.81	1001.53	1664786.57	14327577.05	39°27'17.6496"N	80°54'49.1950"W	6315.73	170.876	4.14	0.00	-4.14	
13089.00	89.630	160.890	6124.66	6320.62	-6325.04	1031.07	1664816.10	14327487.85	39°27'16.7674"N	80°54'48.8195"W	6408.53	170.741	1.70	-0.23	-1.68	
13183.00	89.540	159.580	6125.34	6414.60	-6413.50	1062.86	1664847.88	14327399.43	39°27'15.8928"N	80°54'48.4153"W	6500.97	170.590	1.40	-0.10	-1.39	
13278.00	89.720	158.460	6125.96	6509.52	-6502.20	1096.87	1664881.88	14327310.77	39°27'15.0158"N	80°54'47.9828"W	6594.07	170.425	1.19	0.19	-1.18	
13373.00	89.600	158.580	6126.52	6604.41	-6590.60	1131.66	1664916.65	14327222.40	39°27'14.1418"N	80°54'47.5404"W	6687.05	170.257	0.18	-0.13	0.13	
13467.00	89.510	159.940	6127.25	6698.35	-6678.50	1164.94	1664949.92	14327134.54	39°27'13.2727"N	80°54'47.1172"W	6779.34	170.105	1.45	-0.10	1.45	
13561.00	89.630	160.760	6127.96	6792.34	-6767.03	1196.55	1664981.52	14327046.05	39°27'12.3975"N	80°54'46.7153"W	6872.00	169.973	0.88	0.13	0.87	
13654.00	89.510	161.510	6128.65	6885.33	-6855.03	1226.62	1665011.57	14326958.08	39°27'11.5275"N	80°54'46.3330"W	6963.91	169.855	0.82	-0.13	0.81	
13748.00	89.570	161.440	6129.41	6979.33	-6944.15	1256.49	1665041.43	14326868.99	39°27'10.6463"N	80°54'45.9534"W	7056.91	169.744	0.10	0.06	-0.07	
13842.00	89.630	161.990	6130.06	7073.32	-7033.40	1285.98	1665070.91	14326779.78	39°27'9.7639"N	80°54'45.5786"W	7150.00	169.639	0.59	0.06	0.59	
13935.00	89.780	161.840	6130.54	7166.32	-7121.81	1314.85	1665099.76	14326691.41	39°27'8.8899"N	80°54'45.2116"W	7242.17	169.540	0.23	0.16	-0.16	
14029.00	89.540	161.580	6131.10	7260.31	-7211.06	1344.35	1665129.25	14326602.19	39°27'8.0075"N	80°54'44.8367"W	7335.30	169.440	0.38	-0.26	-0.28	
14123.00	89.540	160.830	6131.86	7354.31	-7300.04	1374.63	1665159.52	14326513.25	39°27'7.1278"N	80°54'44.4517"W	7428.34	169.336	0.80	0.00	-0.80	
14217.00	89.540	160.380	6132.61	7448.30	-7388.70	1405.85	1665190.72	14326424.62	39°27'6.2512"N	80°54'44.0549"W	7521.26	169.227	0.48	0.00	-0.48	
14311.00	89.540	159.780	6133.37	7542.28	-7477.08	1437.87	1665222.74	14326336.28	39°27'5.3774"N	80°54'43.6477"W	7614.08	169.115	0.64	0.00	-0.64	
14406.00	89.450	158.590	6134.20	7637.21	-7565.87	1471.63	1665256.48	14326247.52	39°27'4.4995"N	80°54'43.2185"W	7707.67	168.993	1.26	-0.09	-1.25	
14500.00	89.510	158.110	6135.06	7731.09	-7653.24	1506.31	1665291.14	14326160.19	39°27'3.6357"N	80°54'42.7775"W	7800.06	168.865	0.51	0.06	-0.51	
14594.00	89.380	158.040	6135.97	7824.94	-7740.43	1541.40	1665326.23	14326073.03	39°27'2.7736"N	80°54'42.3312"W	7892.42	168.738	0.16	-0.14	-0.07	
14688.00	89.480	158.690	6136.90	7918.81	-7827.81	1576.06	1665360.87	14325985.69	39°27'1.9097"N	80°54'41.8905"W	7984.89	168.616	0.70	0.11	0.69	
14782.00	89.450	159.170	6137.78	8012.73	-7915.52	1609.85	1665394.65	14325898.02	39°27'1.0425"N	80°54'41.4609"W	8077.56	168.504	0.51	-0.03	0.51	
14876.00	89.570	159.700	6138.58	8106.68	-8003.52	1642.87	1665427.65	14325810.05	39°27'0.1723"N	80°54'41.0411"W	8170.40	168.400	0.58	0.13	0.56	
14894.00	89.570	160.010	6138.72	8124.68	-8020.42	1649.07	1665433.85	14325793.15	39°27'0.0053"N	80°54'40.9622"W	8188.20	168.381	1.72	0.00	1.72	

Approved for Production
 SEP 24 2020
 Environmental Protection



Actual Wellpath Report

Galt Unit 2H AWP Proj: 14919'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Galt Unit 2H
Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

WELLPATH DATA (181 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
14919.00	89.57	160.01	6138.91	8149.67	-8043.92	1657.61	1665442.39	14325769.67	39°26'59.7730"N	80°54'40.8536"W	8212.93	168.356	0.00	0.00	0.00	Projected MD at TD: 14919'

HOLE & CASING SECTIONS - Ref Wellbore: Galt Unit 2H AWB Ref Wellpath: Galt Unit 2H AWP Proj: 14919'

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	95.00	65.00	30.00	95.00	0.00	0.00	-0.47	-0.42
17.5in Open Hole	95.00	401.00	306.00	95.00	400.98	-0.47	-0.42	-0.58	-3.71
13.375in Casing Surface	30.00	401.00	371.00	30.00	400.98	0.00	0.00	-0.58	-3.71
12.25in Open Hole	401.00	2597.00	2196.00	400.98	2593.61	-0.58	-3.71	1.17	-77.54
9.625in Casing Intermediate	30.00	2597.00	2567.00	30.00	2593.61	0.00	0.00	1.17	-77.54
8.75in Open Hole	2597.00	5946.00	3349.00	2593.61	5673.05	1.17	-77.54	311.75	-1089.37
8.5in Open Hole	5946.00	14919.00	8973.00	5673.05	6138.91	311.75	-1089.37	-8043.92	1657.61
5.5in Casing Production	30.00	14919.00	14889.00	30.00	6138.91	0.00	0.00	-8043.92	1657.61

Received
 09/04/2020
 Environmental Protection
 Agency



Actual Wellpath Report

Galt Unit 2H AWP Proj: 14919'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Galt Unit 2H
Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Galt Unit 2H - POE - Rev-2	6026.00	-94.30	-1063.92	1662721.95	14333716.10	39°28'18.3674"N	80°55'15.4578"W	point
Galt Unit 2H - BHL - Rev-3	6064.00	-8091.41	1652.17	1665436.95	14325722.20	39°26'59.3036"N	80°54'40.9236"W	point
Galt Unit 2H - LP - Rev-2	6064.00	-299.49	-994.23	1662791.61	14333510.99	39°28'16.3388"N	80°55'14.5714"W	point

WELLPATH COMPOSITION - Ref Wellbore: Galt Unit 2H AWB Ref Wellpath: Galt Unit 2H AWP Proj: 14919'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	305.00	Gyrodatta 2015 - GC+WIR+DPIPE	01 Gyrodatta MS Gyro <17-1/2">(65'-305')	Galt Unit 2H AWB	
305.00	675.00	Gyrodatta 2015 - GC+WIR+DPIPE	02 Gyrodatta MS Gyro <12-1/4">(305')(397'-675')	Galt Unit 2H AWB	
675.00	2517.00	OWSG MWD rev2 + HRGM	03 WFT EM <12-1/4">(675')(796'-2517')	Galt Unit 2H AWB	
2517.00	5856.00	OWSG MWD rev2 + HRGM	04 WFT EM <8-3/4">(2517')(2634'-5856')	Galt Unit 2H AWB	
5856.00	14919.00	BH AutoTrak Curve (Short)	05 BH ATCurve <8-1/2">(5856')(5922'-14894')	Galt Unit 2H AWB	11/13/2019

Office REQUIRED
 SEP 24 2019
 Environmental Services



Actual Wellpath Report

Galt Unit 2H AWP Proj: 14919'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Galt Unit 2H
Field	Tyler	API	47-095-02562-0000
Facility	Ferrell South Pad	Wellbore	Galt Unit 2H AWB
Slot	Slot #02		

COMMENTS

Wellpath general comments

API: 47-095-02562-0000
BHI Job #: 110136819A
Rig: H&P 519
Duration: 11/16/2019-11/18/2019
Gyrodata MS Gyro <17-1/2">(65'-305')
Gyrodata MS Gyro <12-1/4">(305')(397'-675')
WFT EM <12-1/4">(675')(796'-2517')
WFT EM <8-3/4">(2517')(2634'-5856')
BH ATCurve <8-1/2"> (5856')(5922'-14894')
Middlesex: 6230' MD
Burkett: 6400' MD
Tully: 6450' MD
Marcellus POE: 6501' MD
Projected MD at TD: 14919'

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