



ANTERO RESOURCES CORPORATION

Location: Tyler County, WV
Field: Tyler
Facility: Mary Patterson Pad

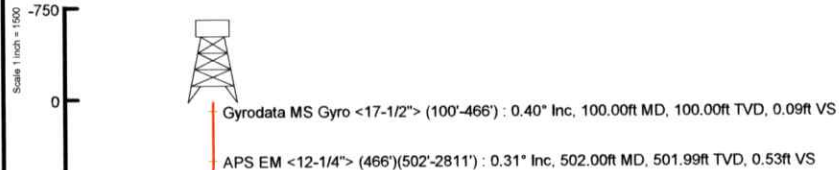
Slot: Slot D
Well: Incline Unit 2H
Wellbore: Incline Unit 2H PWB



Plot reference wellpath in Incline Unit 2H 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 wellpath measured depths are referenced to H&P 519 (RKB)	Scale: True distance
H&P 519 (RKB) to Mean Sea Level: 725 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot D): -695 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edbaryar on 2025-06-06, Database: WA_MPL_EASTERNUS_Delta

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Mary Patterson Pad	1642231.080	14338160.810	39°29'2.4100"N	80°59'36.8500"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot D	21.25	39.99	1642271.050	14338182.050	39°29'2.6200"N
Comment	Incline Unit 2H				
H&P 519 (RKB) to Ground level (At Slot: Slot D)	30ft				
Mean Sea Level to Ground level (At Slot: Slot D)	-695ft				
H&P 519 (RKB) to Mean Sea Level	725ft				

Well Data			
Slot	Well	Wellbore	Wellpath
Slot D	Incline Unit 2H	Incline Unit 2H AWB	Incline Unit 2H AWP Proj: 16178'
Slot D	Incline Unit 2H	Incline Unit 2H PWB	Incline Unit 2H PWB Rev-B.0



API: 47-095-02928-0000
BH Job #: 112723675
Rig: H&P 519
Duration: 7/16/2025-7/19/2025

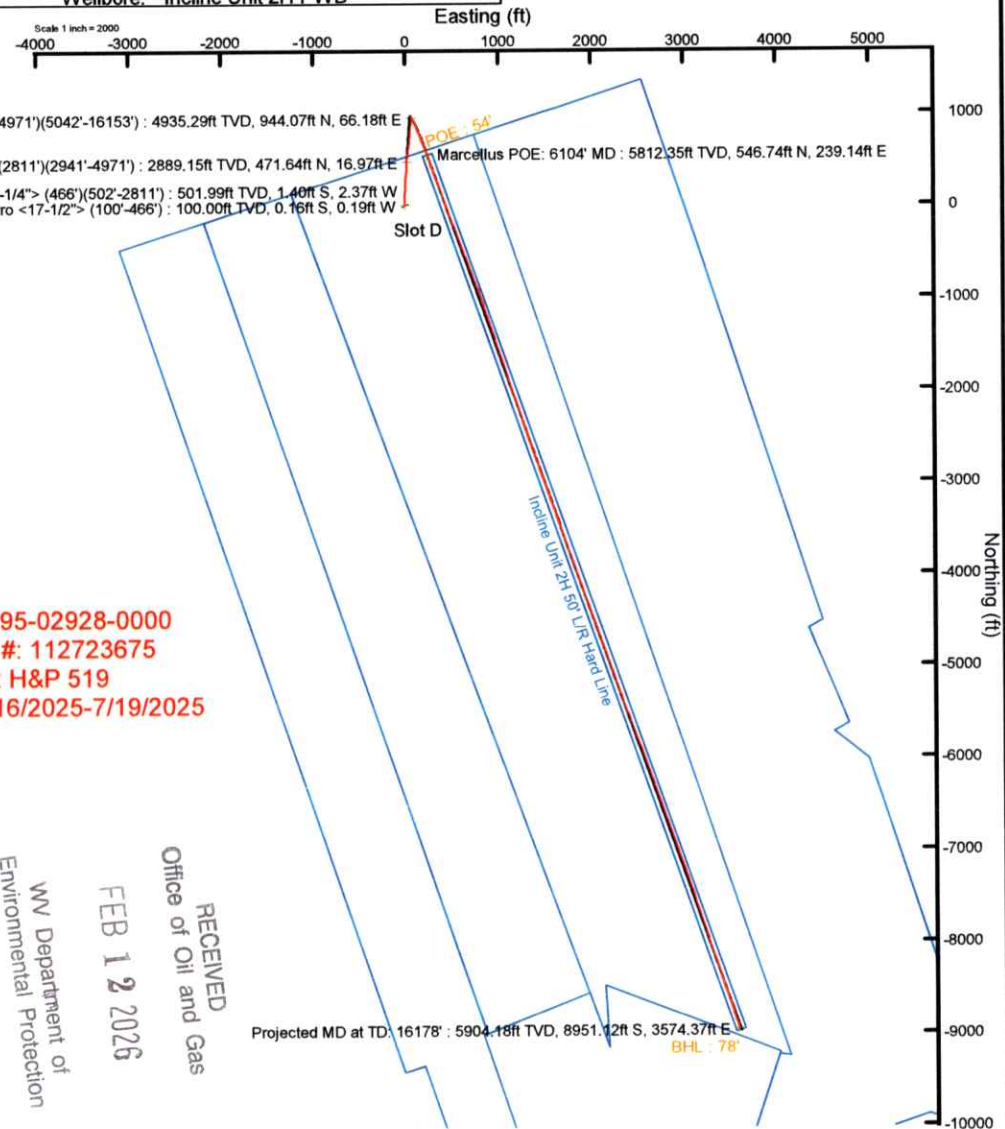
Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	2811.00	12.840	358.940	2762.01	444.57	18.62	0.64	-413.18
Proj. to Bottom	2891.00	12.840	358.940	2840.01	462.35	18.29	0.00	-430.05
Drill Out	2971.00	12.840	358.940	2918.01	480.12	17.96	0.00	-446.93
Turn	3020.86	12.667	3.389	2966.64	491.12	18.18	2.00	-457.23
Curve KOP	5108.11	12.667	3.389	5003.09	948.00	45.24	0.00	-879.21
POE	6110.70	68.464	160.614	5813.00	550.78	239.29	8.00	-440.10
Landing Pt.	6379.90	90.000	160.614	5863.00	302.78	326.55	8.00	-177.19
BHL	16208.06	90.000	160.614	5863.00	-8968.19	3588.74	0.00	9650.97

BH Lucida <8-1/2"> (4971')(5042'-16153') : 12.87° Inc, 5042.00ft MD, 4935.29ft TVD, -868.55ft VS

Marcellus POE: 6104' MD : 68.08° Inc, 6104.00ft MD, 5812.35ft TVD, -436.34ft VS

Projected MD at TD: 16178' : 89.38° Inc, 16178.00ft MD, 5904.18ft TVD, 9630.10ft VS

Vertical Section (ft)
Azimuth 160.61° with reference 0.00 N, 0.00 E



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Actual Wellpath Report

Incline Unit 2H AWP Proj: 16178'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Incline Unit 2H
Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWB
Slot	Slot D		

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	8/6/2025 at 2:08:12 PM
Convergence at slot	0.00°	Database	WA_MPL_EASTERNUS_Defn

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	21.25	39.99	1642271.05	14338182.05	39°29'2.6200"N	80°59'36.3400"W
Facility Reference Pt			1642231.08	14338160.81	39°29'2.4100"N	80°59'36.8500"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	725.00ft
Horizontal Reference Pt	Slot	H&P 519 (RKB) to Mean Sea Level	725.00ft
Vertical Reference Pt	H&P 519 (RKB)	H&P 519 (RKB) to Ground Level at Slot (Slot D)	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	160.61°

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WELLPATH DATA (179 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	230.100	0.00	0.00	0.00	0.00	1642271.05	14338182.05	39°29'2.6200"N	80°59'36.3400"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	230.100	30.00	0.00	0.00	0.00	1642271.05	14338182.05	39°29'2.6200"N	80°59'36.3400"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.400	230.100	100.00	0.09	-0.16	-0.19	1642270.86	14338181.89	39°29'2.6185"N	80°59'36.3424"W	0.24	230.100	0.57	0.57	0.00	Gyrodata MS Gyro <17-1/2"> (100'-466')
200.00	0.470	229.850	200.00	0.35	-0.65	-0.77	1642270.28	14338181.41	39°29'2.6136"N	80°59'36.3498"W	1.00	229.998	0.07	0.07	-0.25	
300.00	0.370	245.090	299.99	0.53	-1.05	-1.38	1642269.68	14338181.00	39°29'2.6097"N	80°59'36.3575"W	1.73	232.752	0.15	-0.10	15.24	
400.00	0.250	249.440	399.99	0.57	-1.26	-1.87	1642269.18	14338180.79	39°29'2.6076"N	80°59'36.3639"W	2.26	236.098	0.12	-0.12	4.35	
466.00	0.310	256.320	465.99	0.55	-1.35	-2.18	1642268.87	14338180.70	39°29'2.6067"N	80°59'36.3678"W	2.57	238.219	0.10	0.09	10.42	
502.00	0.310	256.600	501.99	0.53	-1.40	-2.37	1642268.68	14338180.65	39°29'2.6062"N	80°59'36.3702"W	2.75	239.489	0.00	0.00	0.78	APS EM <12-1/4"> (466')(502'-2811')
592.00	1.620	343.180	591.98	-0.77	-0.24	-2.97	1642268.08	14338181.81	39°29'2.6177"N	80°59'36.3779"W	2.98	265.480	1.81	1.46	96.20	
681.00	3.880	348.210	680.87	-5.01	3.92	-3.95	1642267.10	14338185.97	39°29'2.6587"N	80°59'36.3904"W	5.57	314.730	2.55	2.54	5.65	
771.00	5.760	356.170	770.55	-12.38	11.40	-4.88	1642266.17	14338193.45	39°29'2.7327"N	80°59'36.4022"W	12.40	336.842	2.21	2.09	8.84	
861.00	7.230	2.520	859.97	-21.98	21.57	-4.93	1642266.12	14338203.61	39°29'2.8332"N	80°59'36.4029"W	22.13	347.123	1.82	1.63	7.06	
952.00	8.420	359.330	950.12	-33.61	33.95	-4.76	1642266.29	14338215.99	39°29'2.9556"N	80°59'36.4006"W	34.28	352.024	1.39	1.31	-3.51	
1042.00	8.550	355.450	1039.14	-46.31	47.21	-5.36	1642265.69	14338229.24	39°29'3.0866"N	80°59'36.4084"W	47.51	353.517	0.65	0.14	-4.31	
1136.00	9.270	358.230	1132.00	-60.29	61.74	-6.15	1642264.90	14338243.77	39°29'3.2303"N	80°59'36.4184"W	62.05	354.309	0.89	0.77	2.96	
1231.00	11.250	3.260	1225.48	-76.13	78.65	-5.86	1642265.19	14338260.66	39°29'3.3973"N	80°59'36.4147"W	78.86	355.737	2.29	2.08	5.29	
1326.00	13.640	7.210	1318.24	-94.70	99.01	-3.93	1642267.12	14338281.02	39°29'3.5986"N	80°59'36.3900"W	99.09	357.728	2.67	2.52	4.16	
1420.00	14.530	6.230	1409.42	-115.25	121.73	-1.26	1642269.79	14338303.73	39°29'3.8232"N	80°59'36.3559"W	121.74	359.408	0.98	0.95	-1.04	
1515.00	13.200	2.900	1501.65	-136.03	144.41	0.58	1642271.63	14338326.41	39°29'4.0473"N	80°59'36.3324"W	144.41	0.232	1.63	-1.40	-3.51	
1610.00	12.390	1.600	1594.29	-155.58	165.43	1.42	1642272.47	14338347.42	39°29'4.2551"N	80°59'36.3218"W	165.44	0.491	0.90	-0.85	-1.37	
1704.00	11.990	1.330	1686.17	-174.13	185.28	1.93	1642272.97	14338367.25	39°29'4.4512"N	80°59'36.3153"W	185.29	0.595	0.43	-0.43	-0.29	
1799.00	11.620	1.250	1779.16	-192.31	204.71	2.36	1642273.41	14338386.67	39°29'4.6432"N	80°59'36.3097"W	204.72	0.661	0.39	-0.39	-0.08	
1893.00	12.170	0.190	1871.14	-210.51	224.08	2.60	1642273.65	14338406.04	39°29'4.8347"N	80°59'36.3066"W	224.09	0.665	0.63	0.59	-1.13	
1988.00	14.430	4.930	1963.59	-230.73	245.89	3.65	1642274.70	14338427.84	39°29'5.0502"N	80°59'36.2932"W	245.92	0.851	2.64	2.38	4.99	
2082.00	14.520	3.780	2054.61	-252.24	269.32	5.44	1642276.48	14338451.26	39°29'5.2818"N	80°59'36.2704"W	269.37	1.156	0.32	0.10	-1.22	
2177.00	14.290	0.840	2146.62	-274.19	292.92	6.39	1642277.44	14338474.86	39°29'5.5151"N	80°59'36.2582"W	292.99	1.250	0.81	-0.24	-3.09	
2272.00	14.550	4.160	2238.63	-296.13	316.55	7.43	1642278.48	14338498.47	39°29'5.7486"N	80°59'36.2449"W	316.64	1.345	0.91	0.27	3.49	
2366.00	14.530	10.490	2329.62	-317.18	339.92	10.43	1642281.48	14338521.83	39°29'5.9796"N	80°59'36.2066"W	340.08	1.758	1.69	-0.02	6.73	
2461.00	14.090	7.190	2421.68	-337.85	363.11	14.05	1642285.10	14338545.02	39°29'6.2088"N	80°59'36.1604"W	363.38	2.216	0.98	-0.46	-3.47	
2555.00	13.760	4.970	2512.92	-358.27	385.60	16.45	1642287.50	14338567.50	39°29'6.4311"N	80°59'36.1298"W	385.95	2.443	0.67	-0.35	-2.36	

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Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWB
Slot	Slot D		

WELLPATH DATA (179 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
2650.00	13.540	2.940	2605.23	-378.85	407.96	18.00	1642289.04	14338589.85	39°29'6.6521"N	80°59'36.1100"W	408.36	2.527	0.55	-0.23	-2.14	
2744.00	13.050	0.600	2696.71	-399.00	429.57	18.68	1642289.72	14338611.44	39°29'6.8656"N	80°59'36.1014"W	429.97	2.490	0.77	-0.52	-2.49	
2811.00	12.840	358.940	2762.01	-413.18	444.57	18.62	1642289.66	14338626.44	39°29'7.0139"N	80°59'36.1021"W	444.96	2.398	0.64	-0.31	-2.48	
2941.00	11.260	353.770	2889.15	-439.25	471.64	16.97	1642288.02	14338653.50	39°29'7.2814"N	80°59'36.1231"W	471.94	2.061	1.47	-1.22	-3.98	APS EM <8-3/4"> (2811')(2941'-4971')
3035.00	12.650	5.020	2981.12	-457.56	491.02	16.88	1642287.92	14338672.87	39°29'7.4729"N	80°59'36.1243"W	491.31	1.969	2.88	1.48	11.97	
3130.00	13.350	11.060	3073.69	-476.49	512.14	19.89	1642290.93	14338693.99	39°29'7.6817"N	80°59'36.0858"W	512.53	2.224	1.61	0.74	6.36	
3224.00	12.970	8.210	3165.22	-495.19	533.23	23.48	1642294.52	14338715.07	39°29'7.8902"N	80°59'36.0400"W	533.75	2.521	0.80	-0.40	-3.03	
3319.00	13.280	7.640	3257.74	-514.36	554.60	26.45	1642297.49	14338736.43	39°29'8.1013"N	80°59'36.0021"W	555.23	2.731	0.35	0.33	-0.60	
3414.00	14.510	7.720	3349.96	-534.67	577.21	29.50	1642300.54	14338759.03	39°29'8.3248"N	80°59'35.9632"W	577.96	2.926	1.29	1.29	0.08	
3508.00	12.940	4.220	3441.27	-554.80	599.38	31.86	1642302.90	14338781.19	39°29'8.5439"N	80°59'35.9331"W	600.22	3.043	1.89	-1.67	-3.72	
3603.00	14.130	8.010	3533.63	-574.84	621.47	34.26	1642305.30	14338803.27	39°29'8.7622"N	80°59'35.9025"W	622.41	3.155	1.56	1.25	3.99	
3697.00	15.420	9.300	3624.52	-595.99	645.16	37.88	1642308.91	14338826.95	39°29'8.9964"N	80°59'35.8563"W	646.27	3.360	1.42	1.37	1.37	
3792.00	14.640	5.900	3716.27	-617.93	669.57	41.15	1642312.19	14338851.35	39°29'9.2376"N	80°59'35.8145"W	670.83	3.517	1.24	-0.82	-3.58	
3886.00	12.370	2.500	3807.67	-638.02	691.45	42.81	1642313.85	14338873.22	39°29'9.4538"N	80°59'35.7933"W	692.77	3.543	2.56	-2.41	-3.62	
3981.00	12.910	4.470	3900.37	-657.16	712.19	44.08	1642315.12	14338893.96	39°29'9.6589"N	80°59'35.7771"W	713.56	3.542	0.73	0.57	2.07	
4075.00	14.270	6.450	3991.73	-677.19	734.18	46.20	1642317.24	14338915.93	39°29'9.8761"N	80°59'35.7500"W	735.63	3.601	1.53	1.45	2.11	
4170.00	12.660	1.550	4084.12	-697.46	756.22	47.80	1642318.83	14338937.97	39°29'10.0940"N	80°59'35.7296"W	757.73	3.617	2.08	-1.69	-5.16	
4264.00	12.820	6.020	4175.81	-716.50	776.89	49.17	1642320.20	14338958.63	39°29'10.2983"N	80°59'35.7121"W	778.44	3.622	1.06	0.17	4.76	
4359.00	12.840	7.200	4268.44	-735.46	797.84	51.60	1642322.63	14338979.57	39°29'10.5054"N	80°59'35.6811"W	799.51	3.701	0.28	0.02	1.24	
4453.00	10.780	0.880	4360.45	-753.05	817.00	53.05	1642324.07	14338998.72	39°29'10.6947"N	80°59'35.6627"W	818.72	3.715	2.58	-2.19	-6.72	
4548.00	11.570	6.860	4453.65	-769.93	835.34	54.32	1642325.35	14339017.05	39°29'10.8760"N	80°59'35.6464"W	837.10	3.721	1.48	0.83	6.29	
4643.00	12.770	11.240	4546.52	-787.51	855.10	57.51	1642328.53	14339036.80	39°29'11.0712"N	80°59'35.6058"W	857.03	3.847	1.59	1.26	4.61	
4737.00	11.670	6.290	4638.39	-805.01	874.74	60.57	1642331.60	14339056.44	39°29'11.2654"N	80°59'35.5666"W	876.83	3.961	1.62	-1.17	-5.27	
4831.00	12.450	6.190	4730.31	-822.72	894.26	62.71	1642333.73	14339075.95	39°29'11.4583"N	80°59'35.5394"W	896.46	4.011	0.83	0.83	-0.11	
4926.00	14.860	5.690	4822.62	-842.99	916.57	65.02	1642336.04	14339098.25	39°29'11.6788"N	80°59'35.5099"W	918.87	4.058	2.54	2.54	-0.53	
4971.00	13.850	3.450	4866.21	-853.18	927.69	65.91	1642336.94	14339109.36	39°29'11.7887"N	80°59'35.4984"W	930.02	4.064	2.56	-2.24	-4.98	
5042.00	12.870	358.210	4935.29	-868.55	944.07	66.18	1642337.20	14339125.74	39°29'11.9506"N	80°59'35.4950"W	946.39	4.010	2.19	-1.38	-7.38	BH Lucida <8-1/2"> (4971')(5042'-16153')
5137.00	4.340	346.950	5029.14	-882.24	958.18	65.03	1642336.06	14339139.84	39°29'12.0900"N	80°59'35.5096"W	960.38	3.883	9.11	-8.98	-11.85	
5232.00	0.110	91.340	5124.05	-885.78	961.68	64.31	1642335.34	14339143.34	39°29'12.1246"N	80°59'35.5188"W	963.83	3.826	4.60	-4.45	109.88	
5326.00	8.450	143.100	5217.71	-879.15	956.14	68.56	1642339.58	14339137.81	39°29'12.0699"N	80°59'35.4647"W	958.60	4.101	8.92	8.87	55.06	

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Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWB
Slot	Slot D		

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5421.00	13.400	155.290	5310.97	-861.52	940.55	77.36	1642348.38	14339122.22	39°29'11.9158"N	80°59'35.3525"W	943.73	4.702	5.72	5.21	12.83	
5515.00	20.940	155.290	5400.72	-833.91	915.36	88.95	1642359.96	14339097.04	39°29'11.6668"N	80°59'35.2047"W	919.67	5.550	8.02	8.02	0.00	
5610.00	28.100	155.320	5487.09	-794.68	879.56	105.41	1642376.42	14339061.26	39°29'11.3130"N	80°59'34.9948"W	885.86	6.834	7.54	7.54	0.03	
5704.00	35.800	158.040	5566.80	-745.09	833.88	124.96	1642395.96	14339015.59	39°29'10.8615"N	80°59'34.7454"W	843.19	8.523	8.33	8.19	2.89	
5767.00†	40.648	157.803	5616.28	-706.17	797.77	139.62	1642410.61	14338979.50	39°29'10.5046"N	80°59'34.5586"W	809.89	9.927	7.70	7.69	-0.38	Sycamore: 5767' MD
5799.00	43.110	157.700	5640.10	-684.83	778.00	147.70	1642418.69	14338959.73	39°29'10.3092"N	80°59'34.4554"W	791.89	10.750	7.70	7.70	-0.32	
5893.00	50.110	157.200	5704.63	-616.67	714.96	173.90	1642444.88	14338896.72	39°29'9.6861"N	80°59'34.1214"W	735.80	13.671	7.46	7.45	-0.53	
5906.00†	51.240	157.453	5712.87	-606.63	705.68	177.78	1642448.75	14338887.44	39°29'9.5944"N	80°59'34.0720"W	727.73	14.140	8.82	8.69	1.95	Middlesex: 5906' MD
5988.00	58.380	158.890	5760.10	-539.72	643.50	202.64	1642473.61	14338825.29	39°29'8.9798"N	80°59'33.7549"W	674.65	17.480	8.82	8.71	1.75	
6046.00†	63.186	159.321	5788.40	-489.13	596.22	220.69	1642491.65	14338778.03	39°29'8.5125"N	80°59'33.5248"W	635.75	20.312	8.31	8.29	0.74	Burkett: 6046' MD
6082.00	66.170	159.570	5803.80	-456.60	565.75	232.11	1642503.07	14338747.57	39°29'8.2114"N	80°59'33.3791"W	611.51	22.307	8.31	8.29	0.69	
6104.00†	68.080	159.855	5812.35	-436.34	546.74	239.14	1642510.09	14338728.57	39°29'8.0235"N	80°59'33.2895"W	596.75	23.624	8.76	8.68	1.29	Marcellus POE: 6104' MD
6177.00	74.420	160.750	5835.80	-367.25	481.69	262.41	1642533.36	14338663.55	39°29'7.3805"N	80°59'32.9927"W	548.53	28.581	8.76	8.69	1.23	
6272.00	82.190	160.570	5855.04	-274.29	393.98	293.20	1642564.13	14338575.87	39°29'6.5136"N	80°59'32.6001"W	491.11	36.657	8.18	8.18	-0.19	
6367.00	89.720	160.120	5861.74	-179.60	304.80	325.05	1642595.97	14338486.73	39°29'5.6322"N	80°59'32.1940"W	445.61	46.842	7.94	7.93	-0.47	
6461.00	89.750	159.550	5862.18	-85.61	216.57	357.46	1642628.36	14338398.53	39°29'4.7601"N	80°59'31.7808"W	417.94	58.790	0.61	0.03	-0.61	
6556.00	89.690	159.130	5862.64	9.37	127.68	390.97	1642661.87	14338309.67	39°29'3.8816"N	80°59'31.3534"W	411.29	71.915	0.45	-0.06	-0.44	
6650.00	89.750	159.750	5863.10	103.35	39.66	423.99	1642694.87	14338221.70	39°29'3.0117"N	80°59'30.9325"W	425.84	84.655	0.66	0.06	0.66	
6745.00	90.150	160.030	5863.18	198.34	-49.54	456.65	1642727.52	14338132.53	39°29'2.1300"N	80°59'30.5160"W	459.33	96.192	0.51	0.42	0.29	
6840.00	90.740	160.690	5862.44	293.33	-139.01	488.58	1642759.43	14338043.09	39°29'1.2457"N	80°59'30.1089"W	507.97	105.882	0.93	0.62	0.69	
6935.00	89.540	158.590	5862.21	388.31	-228.07	521.63	1642792.47	14337954.07	39°29'0.3655"N	80°59'29.6875"W	569.31	113.616	2.55	-1.26	-2.21	
7030.00	89.850	159.920	5862.72	483.28	-316.91	555.28	1642826.10	14337865.27	39°28'59.4874"N	80°59'29.2585"W	639.35	119.714	1.44	0.33	1.40	
7125.00	89.570	159.540	5863.20	578.27	-406.02	588.19	1642859.00	14337776.19	39°28'58.6066"N	80°59'28.8388"W	714.72	124.617	0.50	-0.29	-0.40	
7219.00	89.910	159.650	5863.63	672.25	-494.12	620.96	1642891.76	14337688.12	39°28'57.7359"N	80°59'28.4210"W	793.57	128.511	0.38	0.36	0.12	
7314.00	89.350	158.910	5864.24	767.23	-582.98	654.57	1642925.36	14337599.31	39°28'56.8577"N	80°59'27.9924"W	876.54	131.689	0.98	-0.59	-0.78	
7409.00	89.970	159.570	5864.80	862.20	-671.81	688.24	1642959.02	14337510.51	39°28'55.9797"N	80°59'27.5631"W	961.77	134.308	0.95	0.65	0.69	
7504.00	89.940	159.670	5864.88	957.18	-760.86	721.33	1642992.09	14337421.50	39°28'55.0995"N	80°59'27.1413"W	1048.44	136.528	0.11	-0.03	0.11	
7599.00	89.910	159.320	5865.00	1052.16	-849.84	754.60	1643025.35	14337332.55	39°28'54.2201"N	80°59'26.7170"W	1136.51	138.397	0.37	-0.03	-0.37	
7694.00	89.910	159.950	5865.15	1147.15	-938.90	787.66	1643058.40	14337243.53	39°28'53.3398"N	80°59'26.2955"W	1225.54	140.006	0.66	0.00	0.66	
7884.00	89.910	161.900	5865.45	1337.14	-1118.46	849.75	1643120.46	14337064.04	39°28'51.5651"N	80°59'25.5039"W	1404.65	142.774	1.03	0.00	1.03	

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Actual Wellpath Report

Incline Unit 2H AWP Proj: 16178'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Incline Unit 2H
Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWP
Slot	Slot D		

WELLPATH DATA (179 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
7978.00	89.850	161.800	5865.65	1431.11	-1207.78	879.04	1643149.73	14336974.75	39°28'50.6822"N	80°59'25.1306"W	1493.80	143.953	0.12	-0.06	-0.11	
8073.00	89.880	161.650	5865.87	1526.10	-1297.99	908.82	1643179.51	14336884.58	39°28'49.7907"N	80°59'24.7508"W	1584.53	145.001	0.16	0.03	-0.16	
8167.00	89.850	161.340	5866.09	1620.08	-1387.13	938.66	1643209.33	14336795.48	39°28'48.9096"N	80°59'24.3704"W	1674.88	145.914	0.33	-0.03	-0.33	
8262.00	89.880	161.290	5866.32	1715.08	-1477.12	969.09	1643239.75	14336705.52	39°28'48.0202"N	80°59'23.9824"W	1766.65	146.732	0.06	0.03	-0.05	
8356.00	89.940	161.160	5866.46	1809.07	-1566.12	999.35	1643270.00	14336616.56	39°28'47.1405"N	80°59'23.5967"W	1857.80	147.458	0.15	0.06	-0.14	
8451.00	89.940	161.440	5866.56	1904.06	-1656.11	1029.81	1643300.44	14336526.61	39°28'46.2511"N	80°59'23.2084"W	1950.18	148.126	0.29	0.00	0.29	
8545.00	90.000	161.820	5866.61	1998.05	-1745.32	1059.43	1643330.05	14336437.44	39°28'45.3694"N	80°59'22.8307"W	2041.70	148.742	0.41	0.06	0.40	
8640.00	90.180	161.720	5866.46	2093.03	-1835.55	1089.15	1643359.76	14336347.24	39°28'44.4776"N	80°59'22.4519"W	2134.36	149.317	0.22	0.19	-0.11	
8734.00	89.750	160.610	5866.52	2187.02	-1924.51	1119.50	1643390.10	14336258.31	39°28'43.5983"N	80°59'22.0650"W	2226.44	149.813	1.27	-0.46	-1.18	
8828.00	89.880	160.830	5866.82	2281.02	-2013.24	1150.53	1643421.12	14336169.62	39°28'42.7213"N	80°59'21.6693"W	2318.81	150.253	0.27	0.14	0.23	
8923.00	89.820	162.300	5867.07	2376.01	-2103.36	1180.57	1643451.15	14336079.53	39°28'41.8305"N	80°59'21.2863"W	2412.03	150.695	1.55	-0.06	1.55	
9018.00	89.820	161.730	5867.37	2470.98	-2193.72	1209.91	1643480.47	14335989.21	39°28'40.9375"N	80°59'20.9124"W	2505.25	151.122	0.60	0.00	-0.60	
9112.00	89.690	161.620	5867.77	2564.96	-2282.95	1239.46	1643510.01	14335900.02	39°28'40.0555"N	80°59'20.5357"W	2597.72	151.502	0.18	-0.14	-0.12	
9206.00	89.720	160.820	5868.26	2658.95	-2371.95	1269.72	1643540.26	14335811.06	39°28'39.1759"N	80°59'20.1499"W	2690.41	151.839	0.85	0.03	-0.85	
9301.00	89.880	161.710	5868.59	2753.95	-2461.91	1300.23	1643570.76	14335721.13	39°28'38.2867"N	80°59'19.7609"W	2784.17	152.160	0.95	0.17	0.94	
9396.00	89.570	160.280	5869.04	2848.94	-2551.73	1331.17	1643601.69	14335631.35	39°28'37.3990"N	80°59'19.3665"W	2878.08	152.450	1.54	-0.33	-1.51	
9491.00	89.630	160.440	5869.71	2943.94	-2641.20	1363.10	1643633.60	14335541.91	39°28'36.5147"N	80°59'18.9595"W	2972.20	152.702	0.18	0.06	0.17	
9586.00	89.720	160.670	5870.25	3038.93	-2730.78	1394.73	1643665.21	14335452.37	39°28'35.6293"N	80°59'18.5563"W	3066.34	152.945	0.26	0.09	0.24	
9680.00	89.630	160.890	5870.78	3132.93	-2819.54	1425.67	1643696.15	14335363.65	39°28'34.7520"N	80°59'18.1619"W	3159.48	153.177	0.25	-0.10	0.23	
9775.00	89.480	160.640	5871.52	3227.93	-2909.23	1456.97	1643727.43	14335273.99	39°28'33.8655"N	80°59'17.7629"W	3253.67	153.398	0.31	-0.16	-0.26	
9870.00	89.380	160.660	5872.46	3322.92	-2998.86	1488.44	1643758.89	14335184.39	39°28'32.9796"N	80°59'17.3617"W	3347.93	153.603	0.11	-0.11	0.02	
9965.00	89.480	160.990	5873.41	3417.92	-3088.59	1519.64	1643790.08	14335094.71	39°28'32.0928"N	80°59'16.9639"W	3442.19	153.802	0.36	0.11	0.35	
10061.00	89.420	160.930	5874.33	3513.91	-3179.33	1550.96	1643821.39	14335004.00	39°28'31.1959"N	80°59'16.5647"W	3537.46	153.996	0.09	-0.06	-0.06	
10156.00	89.110	160.550	5875.55	3608.90	-3269.00	1582.29	1643852.71	14334914.36	39°28'30.3095"N	80°59'16.1653"W	3631.81	154.172	0.52	-0.33	-0.40	
10251.00	89.110	160.460	5877.02	3703.89	-3358.55	1613.99	1643884.39	14334824.85	39°28'29.4245"N	80°59'15.7612"W	3726.23	154.333	0.09	0.00	-0.09	
10346.00	89.110	160.490	5878.50	3798.88	-3448.07	1645.74	1643916.13	14334735.36	39°28'28.5396"N	80°59'15.3566"W	3820.69	154.485	0.03	0.00	0.03	
10441.00	88.920	160.210	5880.13	3893.87	-3537.53	1677.68	1643948.06	14334645.94	39°28'27.6555"N	80°59'14.9494"W	3915.19	154.627	0.36	-0.20	-0.29	
10535.00	89.200	160.870	5881.67	3987.85	-3626.15	1708.99	1643979.35	14334557.36	39°28'26.7796"N	80°59'14.5503"W	4008.69	154.766	0.76	0.30	0.70	
10630.00	89.380	160.520	5882.85	4082.85	-3715.80	1740.40	1644010.75	14334467.75	39°28'25.8935"N	80°59'14.1500"W	4103.19	154.903	0.41	0.19	-0.37	
10725.00	89.410	160.320	5883.85	4177.84	-3805.30	1772.23	1644042.57	14334378.28	39°28'25.0089"N	80°59'13.7442"W	4197.75	155.027	0.21	0.03	-0.21	

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Actual Wellpath Report

Incline Unit 2H AWP Proj: 16178'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Incline Unit 2H
Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWP
Slot	Slot D		

WELLPATH DATA (179 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
10820.00	90.650	161.720	5883.80	4272.83	-3895.13	1803.13	1644073.45	14334288.49	39°28'24.1210"N	80°59'13.3503"W	4292.24	155.160	1.97	1.31	1.47	
10915.00	89.350	160.470	5883.80	4367.83	-3985.00	1833.91	1644104.22	14334198.65	39°28'23.2327"N	80°59'12.9580"W	4386.74	155.288	1.90	-1.37	-1.32	
11010.00	89.820	160.540	5884.49	4462.82	-4074.55	1865.61	1644135.91	14334109.14	39°28'22.3476"N	80°59'12.5539"W	4481.35	155.398	0.50	0.49	0.07	
11105.00	90.650	160.680	5884.10	4557.82	-4164.16	1897.15	1644167.44	14334019.56	39°28'21.4619"N	80°59'12.1519"W	4575.96	155.506	0.89	0.87	0.15	
11200.00	89.570	159.870	5883.92	4652.82	-4253.59	1929.21	1644199.48	14333930.17	39°28'20.5780"N	80°59'11.7432"W	4670.64	155.603	1.42	-1.14	-0.85	
11295.00	89.850	159.850	5884.40	4747.81	-4342.78	1961.92	1644232.18	14333841.02	39°28'19.6965"N	80°59'11.3263"W	4765.38	155.688	0.30	0.29	-0.02	
11390.00	89.570	159.750	5884.88	4842.80	-4431.93	1994.72	1644264.97	14333751.90	39°28'18.8153"N	80°59'10.9082"W	4860.14	155.768	0.31	-0.29	-0.11	
11485.00	89.570	160.330	5885.59	4937.79	-4521.22	2027.15	1644297.39	14333662.65	39°28'17.9327"N	80°59'10.4948"W	4954.88	155.850	0.61	0.00	0.61	
11580.00	88.210	159.860	5887.44	5032.76	-4610.53	2059.49	1644329.71	14333573.38	39°28'17.0500"N	80°59'10.0827"W	5049.60	155.930	1.51	-1.43	-0.49	
11675.00	89.690	160.690	5889.18	5127.74	-4699.94	2091.54	1644361.75	14333484.00	39°28'16.1663"N	80°59'9.6741"W	5144.31	156.010	1.79	1.56	0.87	
11769.00	90.310	160.440	5889.18	5221.74	-4788.58	2122.82	1644393.02	14333395.40	39°28'15.2902"N	80°59'9.2754"W	5238.02	156.092	0.71	0.66	-0.27	
11864.00	90.370	160.760	5888.61	5316.74	-4878.18	2154.38	1644424.56	14333305.83	39°28'14.4045"N	80°59'8.8732"W	5332.73	156.172	0.34	0.06	0.34	
11959.00	89.970	160.730	5888.33	5411.74	-4967.87	2185.70	1644455.88	14333216.18	39°28'13.5181"N	80°59'8.4739"W	5427.43	156.252	0.42	-0.42	-0.03	
12053.00	88.980	160.580	5889.19	5505.73	-5056.56	2216.84	1644487.00	14333127.53	39°28'12.6415"N	80°59'8.0771"W	5521.15	156.327	1.07	-1.05	-0.16	
12148.00	91.630	160.780	5888.69	5600.73	-5146.20	2248.27	1644518.41	14333037.92	39°28'11.7555"N	80°59'7.6765"W	5615.88	156.400	2.80	2.79	0.21	
12242.00	91.140	160.400	5886.41	5694.70	-5234.83	2279.50	1644549.63	14332949.33	39°28'10.8795"N	80°59'7.2785"W	5709.60	156.469	0.66	-0.52	-0.40	
12337.00	89.970	160.610	5885.49	5789.69	-5324.38	2311.20	1644581.32	14332859.81	39°28'9.9944"N	80°59'6.8745"W	5804.36	156.535	1.25	-1.23	0.22	
12432.00	90.000	160.870	5885.52	5884.69	-5414.06	2342.54	1644612.64	14332770.17	39°28'9.1080"N	80°59'6.4751"W	5899.11	156.603	0.28	0.03	0.27	
12526.00	90.030	158.990	5885.49	5978.68	-5502.35	2374.79	1644644.89	14332681.92	39°28'8.2353"N	80°59'6.0640"W	5992.95	156.655	2.00	0.03	-2.00	
12621.00	89.940	160.150	5885.52	6073.66	-5591.37	2407.95	1644678.03	14332592.93	39°28'7.3554"N	80°59'5.6413"W	6087.83	156.701	1.22	-0.09	1.22	
12716.00	89.780	159.660	5885.75	6168.65	-5680.59	2440.59	1644710.66	14332503.75	39°28'6.4736"N	80°59'5.2253"W	6182.68	156.750	0.54	-0.17	-0.52	
12810.00	89.940	159.080	5885.98	6262.63	-5768.56	2473.71	1644743.77	14332415.81	39°28'5.6041"N	80°59'4.8032"W	6276.58	156.789	0.64	0.17	-0.62	
12905.00	89.690	158.950	5886.29	6357.59	-5857.26	2507.73	1644777.77	14332327.15	39°28'4.7274"N	80°59'4.3696"W	6371.51	156.822	0.30	-0.26	-0.14	
13000.00	90.120	160.790	5886.45	6452.58	-5946.45	2540.42	1644810.45	14332237.99	39°28'3.8458"N	80°59'3.9529"W	6466.38	156.867	1.99	0.45	1.94	
13094.00	89.970	160.940	5886.37	6546.58	-6035.26	2571.24	1644841.25	14332149.22	39°28'2.9680"N	80°59'3.5602"W	6560.15	156.924	0.23	-0.16	0.16	
13189.00	89.940	160.440	5886.45	6641.58	-6124.91	2602.65	1644872.66	14332059.60	39°28'2.0819"N	80°59'3.1599"W	6654.95	156.978	0.53	-0.03	-0.53	
13284.00	89.910	160.500	5886.57	6736.58	-6214.44	2634.41	1644904.40	14331970.10	39°28'1.1969"N	80°59'2.7551"W	6749.77	157.027	0.07	-0.03	0.06	
13378.00	89.880	160.520	5886.74	6830.58	-6303.06	2665.77	1644935.75	14331881.53	39°28'0.3211"N	80°59'2.3554"W	6843.60	157.075	0.04	-0.03	0.02	
13473.00	89.850	160.430	5886.97	6925.58	-6392.60	2697.52	1644967.49	14331792.02	39°27'59.4361"N	80°59'1.9508"W	6938.44	157.121	0.10	-0.03	-0.09	
13568.00	89.910	160.290	5887.17	7020.58	-6482.07	2729.45	1644999.41	14331702.59	39°27'58.5517"N	80°59'1.5439"W	7033.29	157.165	0.16	0.06	-0.15	

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Actual Wellpath Report

Incline Unit 2H AWP Proj: 16178'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Incline Unit 2H
Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWB
Slot	Slot D		

WELLPATH DATA (179 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
13662.00	87.350	159.540	5889.41	7114.54	-6570.32	2761.72	1645031.66	14331614.37	39°27'57.6794"N	80°59'1.1326"W	7127.14	157.201	2.84	-2.72	-0.80	
13757.00	90.830	160.670	5890.92	7209.50	-6659.62	2794.04	1645063.97	14331525.10	39°27'56.7968"N	80°59'0.7208"W	7222.00	157.240	3.85	3.66	1.19	
13851.00	90.770	160.460	5889.61	7303.49	-6748.26	2825.31	1645095.23	14331436.51	39°27'55.9207"N	80°59'0.3222"W	7315.83	157.282	0.23	-0.06	-0.22	
13946.00	90.860	160.330	5888.26	7398.48	-6837.74	2857.19	1645127.09	14331347.06	39°27'55.0362"N	80°58'59.9160"W	7410.68	157.322	0.17	0.09	-0.14	
14041.00	90.710	159.960	5886.96	7493.47	-6927.09	2889.45	1645159.34	14331257.75	39°27'54.1531"N	80°58'59.5049"W	7505.56	157.358	0.42	-0.16	-0.39	
14136.00	90.680	160.440	5885.80	7588.46	-7016.46	2921.63	1645191.50	14331168.41	39°27'53.2697"N	80°58'59.0948"W	7600.44	157.393	0.51	-0.03	0.51	
14230.00	89.780	160.080	5885.43	7682.46	-7104.94	2953.38	1645223.24	14331079.97	39°27'52.3952"N	80°58'58.6902"W	7694.32	157.428	1.03	-0.96	-0.38	
14325.00	91.020	160.410	5884.76	7777.45	-7194.34	2985.48	1645255.33	14330990.60	39°27'51.5116"N	80°58'58.2811"W	7789.20	157.463	1.35	1.31	0.35	
14420.00	89.750	161.030	5884.12	7872.45	-7284.01	3016.85	1645286.69	14330900.97	39°27'50.6253"N	80°58'57.8814"W	7884.05	157.502	1.49	-1.34	0.65	
14515.00	90.000	161.880	5884.33	7967.44	-7374.07	3047.06	1645316.89	14330810.94	39°27'49.7351"N	80°58'57.4963"W	7978.82	157.549	0.93	0.26	0.89	
14610.00	89.110	161.590	5885.07	8062.41	-7464.28	3076.84	1645346.65	14330720.77	39°27'48.8434"N	80°58'57.1170"W	8073.57	157.598	0.99	-0.94	-0.31	
14705.00	89.140	161.520	5886.52	8157.39	-7554.39	3106.89	1645376.69	14330630.69	39°27'47.9528"N	80°58'56.7340"W	8168.33	157.644	0.08	0.03	-0.07	
14800.00	89.110	161.530	5887.97	8252.37	-7644.49	3136.99	1645406.78	14330540.64	39°27'47.0623"N	80°58'56.3504"W	8263.11	157.689	0.03	-0.03	0.01	
14894.00	89.050	161.460	5889.48	8346.34	-7733.62	3166.82	1645436.60	14330451.54	39°27'46.1813"N	80°58'55.9703"W	8356.89	157.731	0.10	-0.06	-0.07	
14989.00	89.110	161.240	5891.01	8441.32	-7823.62	3197.20	1645466.96	14330361.58	39°27'45.2918"N	80°58'55.5833"W	8451.69	157.772	0.24	0.06	-0.23	
15084.00	88.980	161.480	5892.59	8536.30	-7913.62	3227.56	1645497.31	14330271.61	39°27'44.4022"N	80°58'55.1964"W	8546.49	157.812	0.29	-0.14	0.25	
15179.00	89.510	161.800	5893.84	8631.28	-8003.78	3257.48	1645527.22	14330181.49	39°27'43.5110"N	80°58'54.8151"W	8641.27	157.854	0.65	0.56	0.34	
15273.00	89.570	161.720	5894.60	8725.26	-8093.05	3286.90	1645556.63	14330092.25	39°27'42.6287"N	80°58'54.4403"W	8735.05	157.896	0.11	0.06	-0.09	
15368.00	89.350	161.200	5895.49	8820.24	-8183.11	3317.11	1645586.82	14330002.22	39°27'41.7384"N	80°58'54.0554"W	8829.87	157.934	0.59	-0.23	-0.55	
15463.00	89.450	161.410	5896.49	8915.23	-8273.10	3347.55	1645617.26	14329912.28	39°27'40.8490"N	80°58'53.6674"W	8924.70	157.970	0.24	0.11	0.22	
15558.00	89.420	161.440	5897.42	9010.21	-8363.14	3377.81	1645647.51	14329822.27	39°27'39.9590"N	80°58'53.2818"W	9019.52	158.007	0.04	-0.03	0.03	
15653.00	89.410	161.600	5898.39	9105.20	-8453.24	3407.93	1645677.61	14329732.21	39°27'39.0685"N	80°58'52.8982"W	9114.34	158.043	0.17	-0.01	0.17	
15748.00	89.450	161.540	5899.34	9200.18	-8543.36	3437.96	1645707.63	14329642.12	39°27'38.1777"N	80°58'52.5155"W	9209.16	158.080	0.08	0.04	-0.06	
15842.00	89.320	161.570	5900.35	9294.16	-8632.53	3467.70	1645737.35	14329552.99	39°27'37.2964"N	80°58'52.1366"W	9302.98	158.115	0.14	-0.14	0.03	
15937.00	89.420	161.470	5901.39	9389.14	-8722.63	3497.81	1645767.45	14329462.93	39°27'36.4059"N	80°58'51.7529"W	9397.81	158.149	0.15	0.11	-0.11	
16032.00	89.290	161.460	5902.46	9484.13	-8812.69	3528.01	1645797.64	14329372.90	39°27'35.5156"N	80°58'51.3682"W	9492.65	158.182	0.14	-0.14	-0.01	
16126.00	89.320	161.490	5903.60	9578.11	-8901.81	3557.87	1645827.49	14329283.81	39°27'34.6347"N	80°58'50.9877"W	9586.49	158.214	0.05	0.03	0.03	
16153.00	89.380	161.500	5903.91	9605.10	-8927.42	3566.44	1645836.05	14329258.22	39°27'34.3817"N	80°58'50.8785"W	9613.44	158.224	0.23	0.22	0.04	
16178.00	89.380	161.500	5904.18	9630.10	-8951.12	3574.37	1645843.98	14329234.52	39°27'34.1473"N	80°58'50.7774"W	9638.40	158.232	0.00	0.00	0.00	Projected MD at TD: 16178'

DIRECTIONAL DIFFICULTY INDEX

Directional Difficulty Index @ TD = 6.87		Reference: IADC/SPE 59196	
Values	Wellpath characterized as:	Values	Wellpath characterized as:
< 6.0	Relatively short or simple profiles with low tortuosity	6.4-6.8	Longer with relatively tortuous well paths
< 6.0-6.4	Shorter with high tortuosity or longer with lower tortuosity	> 6.8	Long tortuous profiles, high degree of difficulty

HOLE & CASING SECTIONS - Ref Wellbore: Incline Unit 2H AWB Ref Wellpath: Incline Unit 2H AWP Proj: 16178'

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	-0.29	-0.35
17.5in Open Hole	130.00	423.00	293.00	130.00	422.99	-0.29	-0.35	-1.29	-1.97
13.375in Casing Surface	30.00	403.00	373.00	30.00	402.99	0.00	0.00	-1.26	-1.88

HOLE & CASING SECTIONS - Ref Wellbore: Incline Unit 2H AWB Ref Wellpath: Incline Unit 2H AWP Proj: 16178'									
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]
12.25in Open Hole	423.00	2891.00	2468.00	422.99	2840.16	-1.29	-1.97	461.66	17.87
9.625in Casing Intermediate	30.00	2861.00	2831.00	30.00	2810.82	0.00	0.00	455.41	18.25
8.75in Open Hole	2891.00	5050.00	2159.00	2840.16	4943.10	461.66	17.87	945.80	66.12
8.5in Open Hole	5050.00	16178.00	11128.00	4943.10	5904.18	945.80	66.12	-8951.12	3574.37
5.5in Casing Production	30.00	16158.00	16128.00	30.00	5903.96	0.00	0.00	-8932.16	3568.02

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Actual Wellpath Report

Incline Unit 2H AWP Proj: 16178'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Incline Unit 2H
Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWB
Slot	Slot D		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Incline Unit 2H POE Rev-3	5813.00	550.78	239.29	1642510.24	14338732.61	39°29'8.0634"N	80°59'33.2876"W	point
Incline Unit 2H BHL Rev-3	5863.00	-8968.19	3588.74	1645858.35	14329217.47	39°27'33.9787"N	80°58'50.5942"W	point
Incline Unit 2H LP Rev-3	5863.00	302.78	326.55	1642597.47	14338484.71	39°29'5.6123"N	80°59'32.1749"W	point
Incline Unit 2H 50' L/R Hard Line	6000.00	-4208.70	1914.02	1644184.30	14333975.04	39°28'21.0217"N	80°59'11.9369"W	rectangle
2D Rectangle 10091.1 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Incline Unit 2H AWB Ref Wellpath: Incline Unit 2H AWP Proj: 16178'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	466.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-466')	Incline Unit 2H AWB	6/28/2025
466.00	2811.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (466')(502'-2811')	Incline Unit 2H AWB	6/28/2025
2811.00	4971.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2811')(2941'-4971')	Incline Unit 2H AWB	7/15/2025
4971.00	16178.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH Lucida <8-1/2"> (4971')(5042'-16153')	Incline Unit 2H AWB	7/15/2025

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Actual Wellpath Report

Incline Unit 2H AWP Proj: 16178'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Incline Unit 2H
Field	Tyler	API	47-095-02928-0000
Facility	Mary Patterson Pad	Wellbore	Incline Unit 2H AWB
Slot	Slot D		

COMMENTS

Wellpath general comments

API: 47-095-02928-0000

BH Job #: 112723675

Rig: H&P 519

Duration: 7/16/2025-7/19/2025

Gyrodata MS Gyro <17-1/2"> (100'-466')

APS EM <12-1/4"> (466')(502'-2811')

APS EM <8-3/4"> (2811')(2941'-4971')

BH Lucida <8-1/2"> (4971')(5042'-16153')

Sycamore: 5767' MD

Middlesex: 5906' MD

Burkett: 6046' MD

Marcellus POE: 6104' MD

Projected MD at TD: 16178'

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