



ANTERO RESOURCES CORPORATION



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

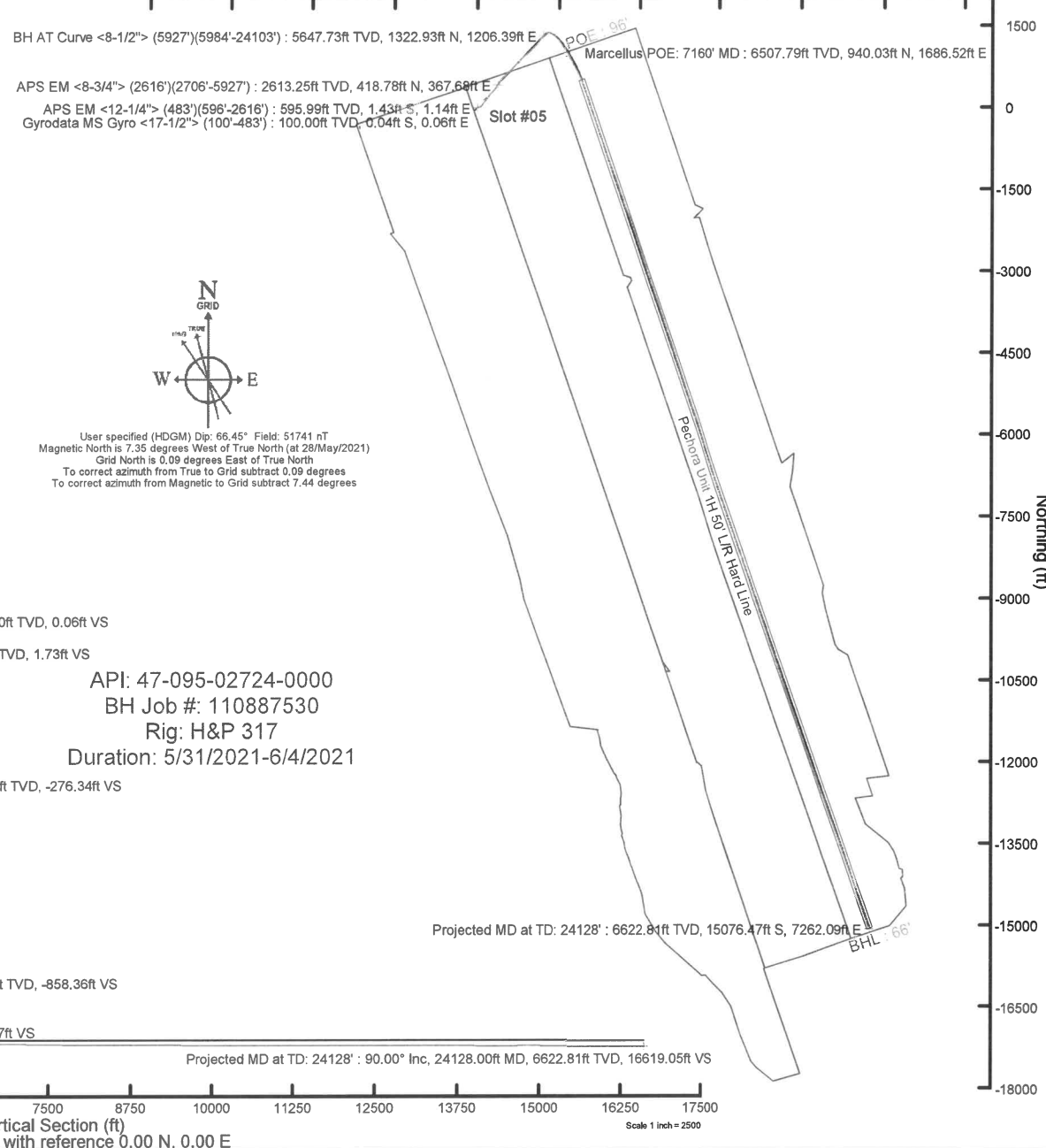
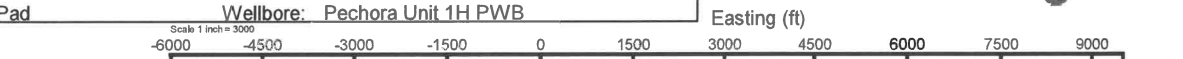
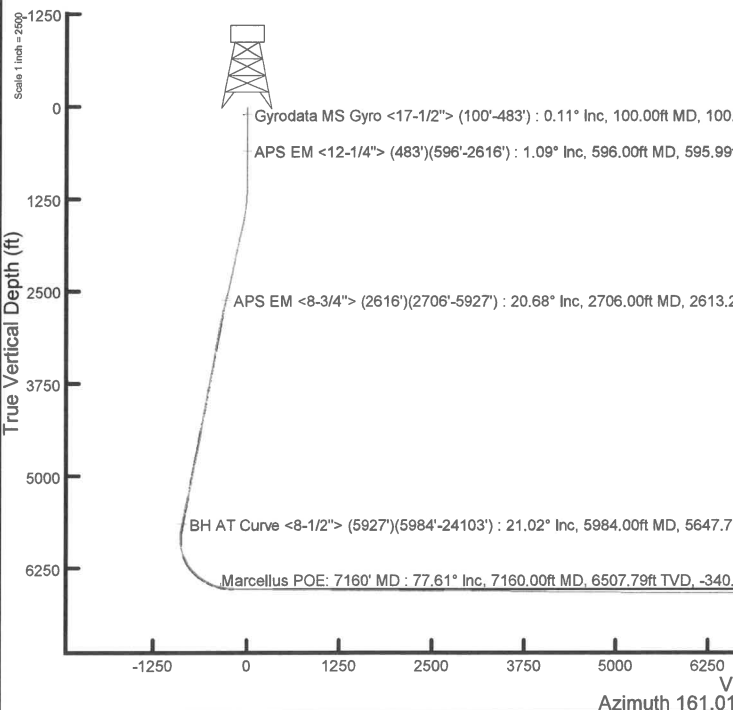
Slot: Slot #05
Well: Pechora Unit 1H
Wellbore: Pechora Unit 1H PWB

Plot reference wellpath is Pechora Unit 1H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1029.5 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot #05): -1004 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edaryar on 2021-05-09; Database: WA_MPL_EASTERNUS_Defn

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Blizzard Pad	1682398.190	14343430.420	39°29'54.1703"N	80°51'4.2494"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot #05	43.75	41.04	1682439.210	14343474.150
Comment: Pechora Unit 1H				
H&P 317 (RKB) to Ground level (At Slot: Slot #05)				25.5ft
Mean Sea Level to Ground level (At Slot: Slot #05)				-1004ft
H&P 317 (RKB) to Mean Sea Level				1029.5ft

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	2616.00	21.190	33.370	2529.19	391.50	350.67	-256.08
Proj. to Bottom	2693.00	21.190	33.370	2600.98	414.74	365.98	-273.08
Drill Out	2773.00	21.190	33.370	2675.57	438.89	381.89	-290.74
End of 3D Arc	2962.73	21.907	43.528	2852.10	493.21	425.14	-328.02
Curve KOP	6099.18	21.907	43.528	5762.07	1341.66	1231.08	-868.05
POE	7127.28	74.817	151.000	6506.00	983.00	1684.33	-381.41
Landing Pt.	7317.07	90.000	151.000	6531.00	818.94	1775.27	-196.69
On AZI	7650.76	90.000	161.010	6531.00	514.48	1910.79	135.29
BHL	24125.75	90.000	161.010	6531.00	-15063.91	7271.68	0.00

Well Data			
Slot	Well	Wellbore	Wellpath
Slot #05	Pechora Unit 1H	Pechora Unit 1H AWB	Pechora Unit 1H AWB Proj: 24128'
Slot #05	Pechora Unit 1H	Pechora Unit 1H PWB	Pechora Unit 1H PWP Rev-B.0



User specified (HDGM) Dip: 66.45° Field: 51741 nT
Magnetic North is 7.35 degrees West of True North (at 28/May/2021)
Grid North is 0.09 degrees East of True North
To correct azimuth from True to Grid subtract 0.09 degrees
To correct azimuth from Magnetic to Grid subtract 7.44 degrees

API: 47-095-02724-0000
BH Job #: 110887530
Rig: H&P 317
Duration: 5/31/2021-6/4/2021

Projected MD at TD: 24128' : 90.00° Inc, 24128.00ft MD, 6622.81ft TVD, 16619.05ft VS

Vertical Section (ft)
Azimuth 161.01° with reference 0.00 N, 0.00 E



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999602	Report Generated	09/Jun/2021 at 15:10
Convergence at slot	0.09° 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	43.75	41.04	1682439.21	14343474.15	39°29'54.6020"N	80°51'3.7250"W
Facility Reference Pt			1682398.19	14343430.42	39°29'54.1703"N	80°51'4.2494"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 317 (RKB) to Facility Vertical Datum	1029.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1029.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot #05)	25.50ft
MD Reference Pt	H&P 317 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	161.01°



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWP
Slot	Slot #05		

WELLPATH DATA (262 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†	0.000	125.530	0.00	0.00	0.00	0.00	1682439.21	14343474.15	39°29'54.6020"N	80°51'3.7250"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	125.530	25.50	0.00	0.00	0.00	1682439.21	14343474.15	39°29'54.6020"N	80°51'3.7250"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.110	125.530	100.00	0.06	-0.04	0.06	1682439.27	14343474.11	39°29'54.6016"N	80°51'3.7243"W	0.07	125.530	0.15	0.15	0.00	Gyrodata MS Gyro <17-1/2"> (100'-483')
200.00	0.110	129.830	200.00	0.22	-0.16	0.21	1682439.42	14343473.99	39°29'54.6004"N	80°51'3.7224"W	0.26	127.096	0.01	0.00	4.30	
300.00	0.110	208.360	300.00	0.37	-0.30	0.24	1682439.45	14343473.85	39°29'54.5990"N	80°51'3.7220"W	0.39	141.996	0.14	0.00	78.53	
400.00	0.250	178.750	400.00	0.64	-0.61	0.20	1682439.41	14343473.54	39°29'54.5960"N	80°51'3.7225"W	0.64	162.002	0.16	0.14	-29.61	
483.00	0.420	191.040	483.00	1.07	-1.09	0.14	1682439.35	14343473.06	39°29'54.5912"N	80°51'3.7232"W	1.10	172.505	0.22	0.20	14.81	
596.00	1.090	86.870	595.99	1.73	-1.43	1.14	1682440.35	14343472.72	39°29'54.5878"N	80°51'3.7106"W	1.83	141.607	1.12	0.59	-92.19	APS EM <12-1/4"> (483')(596'-2616')
687.00	2.890	82.220	686.93	2.41	-1.08	4.27	1682443.48	14343473.07	39°29'54.5913"N	80°51'3.6705"W	4.41	104.142	1.98	1.98	-5.11	
777.00	4.660	73.580	776.73	3.01	0.26	10.03	1682449.24	14343474.41	39°29'54.6044"N	80°51'3.5971"W	10.03	88.494	2.06	1.97	-9.60	
868.00	5.960	67.670	867.34	2.90	3.10	17.95	1682457.15	14343477.25	39°29'54.6324"N	80°51'3.4961"W	18.21	80.188	1.55	1.43	-6.49	
959.00	7.100	64.170	957.75	1.96	7.35	27.38	1682466.58	14343481.50	39°29'54.6742"N	80°51'3.3756"W	28.35	74.974	1.33	1.25	-3.85	
1048.00	8.400	62.210	1045.94	0.31	12.78	38.08	1682477.28	14343486.92	39°29'54.7276"N	80°51'3.2390"W	40.17	71.452	1.49	1.46	-2.20	
1143.00	9.380	56.160	1139.80	-2.74	20.32	50.65	1682489.84	14343494.47	39°29'54.8020"N	80°51'3.0785"W	54.58	68.137	1.42	1.03	-6.37	
1238.00	10.910	50.700	1233.31	-7.84	30.33	64.04	1682503.22	14343504.47	39°29'54.9007"N	80°51'2.9075"W	70.86	64.657	1.90	1.61	-5.75	
1333.00	12.450	44.690	1326.34	-15.50	43.31	78.20	1682517.38	14343517.44	39°29'55.0287"N	80°51'2.7266"W	89.39	61.023	2.06	1.62	-6.33	
1428.00	14.260	38.710	1418.77	-26.30	59.72	92.72	1682531.89	14343533.84	39°29'55.1907"N	80°51'2.5410"W	110.29	57.216	2.39	1.91	-6.29	
1523.00	17.310	38.070	1510.18	-40.24	79.98	108.75	1682547.92	14343554.10	39°29'55.3907"N	80°51'2.3360"W	135.00	53.669	3.22	3.21	-0.67	
1617.00	19.800	36.270	1599.29	-56.92	103.83	126.80	1682565.96	14343577.94	39°29'55.6261"N	80°51'2.1053"W	163.89	50.688	2.72	2.65	-1.91	
1712.00	21.630	35.680	1688.14	-76.21	131.03	146.53	1682585.68	14343605.12	39°29'55.8946"N	80°51'1.8530"W	196.57	48.198	1.94	1.93	-0.62	
1807.00	20.920	33.510	1776.67	-96.66	159.39	166.11	1682605.25	14343633.48	39°29'56.1746"N	80°51'1.6027"W	230.21	46.183	1.12	-0.75	-2.28	
1902.00	20.340	35.600	1865.58	-116.55	186.96	185.08	1682624.22	14343661.03	39°29'56.4467"N	80°51'1.3601"W	263.08	44.712	0.99	-0.61	2.20	
1997.00	21.220	38.930	1954.40	-135.25	213.76	205.50	1682644.63	14343687.82	39°29'56.7113"N	80°51'1.0991"W	296.52	43.872	1.55	0.93	3.51	
2091.00	21.630	42.500	2041.91	-152.56	239.77	227.89	1682667.01	14343713.82	39°29'56.9679"N	80°51'0.8128"W	330.79	43.546	1.45	0.44	3.80	
2186.00	22.130	42.560	2130.07	-169.44	265.85	251.83	1682690.94	14343739.90	39°29'57.2254"N	80°51'0.5070"W	366.19	43.448	0.53	0.53	0.06	
2281.00	21.900	40.230	2218.14	-187.03	292.56	275.37	1682714.47	14343766.59	39°29'57.4890"N	80°51'0.2061"W	401.77	43.266	0.95	-0.24	-2.45	
2376.00	21.830	38.850	2306.31	-205.50	319.84	297.89	1682736.99	14343793.87	39°29'57.7582"N	80°50'59.9182"W	437.08	42.965	0.55	-0.07	-1.45	
2470.00	21.930	36.680	2393.54	-224.70	347.53	319.34	1682758.43	14343821.54	39°29'58.0315"N	80°50'59.6440"W	471.97	42.580	0.87	0.11	-2.31	
2565.00	21.740	35.400	2481.72	-244.95	376.10	340.13	1682779.21	14343850.10	39°29'58.3135"N	80°50'59.3782"W	507.09	42.125	0.54	-0.20	-1.35	
2616.00	21.190	33.370	2529.19	-256.08	391.50	350.67	1682789.74	14343865.49	39°29'58.4655"N	80°50'59.2434"W	525.59	41.852	1.81	-1.08	-3.98	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Pechora Unit 1H
Field	Tyler		API	47-095-02724-0000
Facility	Blizzard Pad		Wellbore	Pechora Unit 1H AWB
Slot	Slot #05			

WELLPATH DATA (262 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
2706.00	20.680	30.470	2613.25	-276.34	418.78	367.68	1682806.74	14343892.76	39°29'58.7349"N	80°50'59.0258"W	557.28	41.282	1.28	-0.57	-3.22	APS EM <8-3/4"> (2616')(2706'-5927')
2800.00	21.640	30.280	2700.91	-298.44	448.05	384.84	1682823.89	14343922.02	39°29'59.0239"N	80°50'58.8064"W	590.64	40.659	1.02	1.02	-0.20	
2895.00	21.590	34.320	2789.23	-320.32	477.62	403.52	1682842.57	14343951.58	39°29'59.3158"N	80°50'58.5673"W	625.26	40.193	1.57	-0.05	4.25	
2990.00	20.990	37.620	2877.75	-340.12	505.53	423.77	1682862.81	14343979.48	39°29'59.5914"N	80°50'58.3085"W	659.65	39.972	1.41	-0.63	3.47	
3089.00	21.830	40.970	2969.92	-359.10	533.48	446.66	1682885.69	14344007.41	39°29'59.8672"N	80°50'58.0159"W	695.77	39.938	1.50	0.85	3.38	
3184.00	22.000	44.210	3058.06	-375.96	559.57	470.65	1682909.67	14344033.49	39°30'0.1246"N	80°50'57.7093"W	731.18	40.067	1.29	0.18	3.41	
3278.00	22.280	47.060	3145.13	-391.13	584.33	495.97	1682934.98	14344058.24	39°30'0.3689"N	80°50'57.3857"W	766.44	40.324	1.18	0.30	3.03	
3373.00	22.090	45.630	3233.10	-406.10	609.09	521.92	1682960.93	14344082.99	39°30'0.6132"N	80°50'57.0541"W	802.12	40.593	0.60	-0.20	-1.51	
3468.00	21.560	46.800	3321.29	-420.92	633.53	547.42	1682986.41	14344107.42	39°30'0.8544"N	80°50'56.7284"W	837.27	40.830	0.72	-0.56	1.23	
3562.00	22.710	46.750	3408.36	-435.46	657.78	573.23	1683012.21	14344131.67	39°30'1.0937"N	80°50'56.3987"W	872.51	41.070	1.22	1.22	-0.05	
3657.00	22.610	45.900	3496.03	-450.74	683.06	599.70	1683038.67	14344156.93	39°30'1.3430"N	80°50'56.0604"W	908.96	41.282	0.36	-0.11	-0.89	
3751.00	22.380	46.720	3582.88	-465.77	707.90	625.70	1683064.66	14344181.77	39°30'1.5881"N	80°50'55.7282"W	944.79	41.473	0.41	-0.24	0.87	
3846.00	22.710	44.700	3670.62	-481.34	733.33	651.77	1683090.72	14344207.19	39°30'1.8391"N	80°50'55.3951"W	981.11	41.630	0.89	0.35	-2.13	
3940.00	22.710	43.840	3757.33	-497.66	759.32	677.10	1683116.04	14344233.17	39°30'2.0955"N	80°50'55.0714"W	1017.36	41.724	0.35	0.00	-0.91	
4035.00	22.690	42.760	3844.97	-514.71	786.00	702.24	1683141.17	14344259.84	39°30'2.3587"N	80°50'54.7501"W	1054.01	41.779	0.44	-0.02	-1.14	
4129.00	22.400	43.060	3931.79	-531.69	812.40	726.78	1683165.70	14344286.22	39°30'2.6192"N	80°50'54.4365"W	1090.04	41.816	0.33	-0.31	0.32	
4223.00	21.880	44.150	4018.86	-548.00	838.05	751.21	1683190.12	14344311.87	39°30'2.8723"N	80°50'54.1243"W	1125.45	41.872	0.70	-0.55	1.16	
4318.00	21.320	43.680	4107.19	-563.92	863.24	775.46	1683214.36	14344337.05	39°30'3.1209"N	80°50'53.8143"W	1160.40	41.934	0.62	-0.59	-0.49	
4412.00	20.550	43.620	4194.98	-579.36	887.54	798.65	1683237.54	14344361.34	39°30'3.3607"N	80°50'53.5181"W	1193.97	41.982	0.82	-0.82	-0.06	
4507.00	20.260	47.950	4284.02	-593.47	910.63	822.36	1683261.25	14344384.42	39°30'3.5885"N	80°50'53.2150"W	1227.00	42.084	1.62	-0.31	4.56	
4601.00	21.780	50.380	4371.77	-605.99	932.66	847.89	1683286.76	14344406.43	39°30'3.8058"N	80°50'52.8890"W	1260.46	42.274	1.86	1.62	2.59	
4694.00	23.360	50.990	4457.64	-618.38	955.27	875.50	1683314.36	14344429.03	39°30'4.0287"N	80°50'52.5361"W	1295.78	42.505	1.72	1.70	0.66	
4788.00	24.160	48.300	4543.68	-632.19	979.79	904.35	1683343.20	14344453.55	39°30'4.2707"N	80°50'52.1676"W	1333.36	42.707	1.43	0.85	-2.86	
4882.00	24.260	44.640	4629.41	-648.20	1006.33	932.28	1683371.12	14344480.08	39°30'4.5325"N	80°50'51.8107"W	1371.81	42.812	1.60	0.11	-3.89	
4977.00	24.130	43.970	4716.07	-665.69	1034.20	959.48	1683398.30	14344507.93	39°30'4.8074"N	80°50'51.4632"W	1410.73	42.854	0.32	-0.14	-0.71	
5071.00	23.830	43.690	4801.96	-683.14	1061.75	985.93	1683424.75	14344535.48	39°30'5.0794"N	80°50'51.1251"W	1448.93	42.879	0.34	-0.32	-0.30	
5170.00	22.980	43.750	4892.81	-701.17	1090.18	1013.11	1683451.92	14344563.89	39°30'5.3598"N	80°50'50.7778"W	1488.25	42.902	0.86	-0.86	0.06	
5265.00	23.010	46.160	4980.26	-717.47	1116.43	1039.33	1683478.12	14344590.14	39°30'5.6189"N	80°50'50.4428"W	1525.33	42.952	0.99	0.03	2.54	
5360.00	23.390	46.980	5067.58	-732.95	1142.16	1066.51	1683505.29	14344615.85	39°30'5.8727"N	80°50'50.0955"W	1562.68	43.038	0.52	0.40	0.86	
5454.00	23.150	42.460	5153.94	-749.38	1168.52	1092.63	1683531.40	14344642.21	39°30'6.1328"N	80°50'49.7617"W	1599.77	43.078	1.92	-0.26	-4.81	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
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Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

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[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]	
5549.00	23.560	34.400	5241.18	-769.64	1197.97	1115.97	1683554.73	14344671.64	39°30'6.4235"N	80°50'49.4633"W	1637.23	42.970	3.39	0.43	-8.48	
5644.00	22.260	33.440	5328.68	-791.93	1228.66	1136.61	1683575.36	14344702.31	39°30'6.7264"N	80°50'49.1993"W	1673.76	42.771	1.42	-1.37	-1.01	
5738.00	20.010	36.060	5416.36	-812.00	1256.52	1155.89	1683594.64	14344730.16	39°30'7.0014"N	80°50'48.9528"W	1707.31	42.611	2.60	-2.39	2.79	
5832.00	19.110	41.300	5504.94	-828.84	1281.08	1175.51	1683614.25	14344754.72	39°30'7.2439"N	80°50'48.7019"W	1738.68	42.539	2.10	-0.96	5.57	
5927.00	20.280	35.870	5594.39	-846.03	1306.11	1195.43	1683634.16	14344779.74	39°30'7.4909"N	80°50'48.4473"W	1770.58	42.467	2.29	1.23	-5.72	
5984.00	21.020	30.440	5647.73	-858.36	1322.93	1206.39	1683645.12	14344796.55	39°30'7.6569"N	80°50'48.3070"W	1790.40	42.362	3.60	1.30	-9.53	BH AT Curve <8-1/2"> (5927')(5984'-24103')
6079.00	20.250	46.650	5736.71	-876.24	1348.93	1227.00	1683665.72	14344822.54	39°30'7.9135"N	80°50'48.0436"W	1823.49	42.290	6.05	-0.81	17.06	
6173.00	20.480	65.860	5824.93	-884.44	1366.84	1253.86	1683692.57	14344840.44	39°30'8.0901"N	80°50'47.7005"W	1854.84	42.532	7.09	0.24	20.44	
6267.00	21.580	85.100	5912.77	-881.70	1375.05	1286.13	1683724.83	14344848.65	39°30'8.1707"N	80°50'47.2886"W	1882.79	43.086	7.41	1.17	20.47	
6362.00	24.070	105.720	6000.47	-866.39	1371.29	1322.25	1683760.93	14344844.89	39°30'8.1329"N	80°50'46.8279"W	1904.94	43.957	8.77	2.62	21.71	
6456.00	28.000	118.630	6084.98	-839.14	1355.50	1360.12	1683798.78	14344829.11	39°30'7.9763"N	80°50'46.3452"W	1920.24	45.097	7.31	4.18	13.73	
6551.00	33.340	126.450	6166.70	-801.13	1329.28	1400.74	1683839.39	14344802.89	39°30'7.7164"N	80°50'45.8276"W	1931.07	46.499	7.01	5.62	8.23	
6621.00†	37.762	133.806	6223.66	-766.19	1302.99	1431.71	1683870.34	14344776.61	39°30'7.4560"N	80°50'45.4331"W	1935.86	47.695	8.78	6.32	10.51	Sycamore: 6621' MD
6645.00	39.370	135.990	6242.43	-752.75	1292.42	1442.30	1683880.93	14344766.06	39°30'7.3515"N	80°50'45.2982"W	1936.64	48.137	8.78	6.70	9.10	
6740.00	46.100	140.180	6312.18	-693.38	1244.40	1485.21	1683923.83	14344718.05	39°30'6.8761"N	80°50'44.7519"W	1937.62	50.042	7.69	7.08	4.41	
6776.00†	48.789	141.229	6336.52	-668.51	1223.88	1502.00	1683940.61	14344697.54	39°30'6.6730"N	80°50'44.5381"W	1937.49	50.826	7.77	7.47	2.91	Middlesex: 6776' MD
6834.00	53.140	142.750	6373.04	-625.93	1188.38	1529.72	1683968.32	14344662.05	39°30'6.3217"N	80°50'44.1853"W	1937.08	52.158	7.77	7.50	2.62	
6928.00	60.070	145.750	6424.76	-550.82	1124.69	1575.47	1684014.05	14344598.39	39°30'5.6914"N	80°50'43.6030"W	1935.72	54.478	7.84	7.37	3.19	
6936.00†	60.657	145.992	6428.72	-544.10	1118.93	1579.37	1684017.95	14344592.64	39°30'5.6345"N	80°50'43.5534"W	1935.57	54.684	7.79	7.34	3.03	Burkett: 6936' MD
6992.00†	64.776	147.616	6454.38	-495.87	1077.29	1606.60	1684045.17	14344551.01	39°30'5.2225"N	80°50'43.2069"W	1934.35	56.157	7.79	7.36	2.90	Tully: 6992' MD
7022.00	66.990	148.440	6466.64	-469.19	1054.06	1621.10	1684059.66	14344527.79	39°30'4.9926"N	80°50'43.0225"W	1933.65	56.967	7.79	7.38	2.75	
7067.00	70.390	149.790	6482.99	-428.17	1018.09	1642.61	1684081.16	14344491.83	39°30'4.6367"N	80°50'42.7489"W	1932.53	58.209	8.06	7.56	3.00	
7117.00	75.320	150.840	6497.73	-381.23	976.59	1666.26	1684104.80	14344450.35	39°30'4.2262"N	80°50'42.4481"W	1931.36	59.625	10.06	9.86	2.10	
7160.00†	77.615	151.165	6507.79	-340.07	940.03	1686.52	1684125.06	14344413.80	39°30'3.8645"N	80°50'42.1904"W	1930.80	60.866	5.39	5.34	0.76	Marcellus POE: 7160' MD
7212.00	80.390	151.550	6517.71	-289.75	895.23	1710.99	1684149.51	14344369.03	39°30'3.4213"N	80°50'41.8793"W	1931.04	62.380	5.39	5.34	0.74	
7306.00	85.990	151.040	6528.85	-197.79	813.40	1755.80	1684194.31	14344287.23	39°30'2.6118"N	80°50'41.3094"W	1935.06	65.143	5.98	5.96	-0.54	
7401.00	89.140	151.940	6532.88	-104.19	730.01	1801.10	1684239.59	14344203.87	39°30'1.7868"N	80°50'40.7334"W	1943.41	67.937	3.45	3.32	0.95	
7495.00	89.350	154.200	6534.12	-11.11	646.21	1843.66	1684282.14	14344120.11	39°30'0.9579"N	80°50'40.1922"W	1953.63	70.684	2.41	0.22	2.40	
7590.00	88.830	156.040	6535.63	83.37	560.05	1883.62	1684322.08	14344033.97	39°30'0.1056"N	80°50'39.6843"W	1965.12	73.442	2.01	-0.55	1.94	
7685.00	89.570	159.920	6536.96	178.21	472.00	1919.23	1684357.67	14343945.96	39°29'59.2349"N	80°50'39.2320"W	1976.42	76.183	4.16	0.78	4.08	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWP
Slot	Slot #05		

WELLPATH DATA (262 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]	
7780.00	89.420	159.750	6537.80	273.19	382.83	1951.98	1684390.41	14343856.82	39°29'58.3530"N	80°50'38.8163"W	1989.17	78.904	0.24	-0.16	-0.18	
7874.00	89.450	160.530	6538.72	367.17	294.42	1983.91	1684422.33	14343768.46	39°29'57.4787"N	80°50'38.4109"W	2005.64	81.559	0.83	0.03	0.83	
7968.00	89.200	160.340	6539.83	461.16	205.86	2015.39	1684453.79	14343679.92	39°29'56.6028"N	80°50'38.0113"W	2025.87	84.168	0.33	-0.27	-0.20	
8062.00	89.350	160.950	6541.02	555.15	117.18	2046.54	1684484.93	14343591.28	39°29'55.7258"N	80°50'37.6159"W	2049.89	86.723	0.67	0.16	0.65	
8157.00	89.140	160.930	6542.27	650.14	27.39	2077.56	1684515.94	14343501.53	39°29'54.8379"N	80°50'37.2222"W	2077.74	89.245	0.22	-0.22	-0.02	
8251.00	89.200	160.810	6543.63	744.13	-61.41	2108.36	1684546.73	14343412.77	39°29'53.9598"N	80°50'36.8312"W	2109.26	91.668	0.14	0.06	-0.13	
8345.00	89.880	160.680	6544.39	838.13	-150.14	2139.36	1684577.71	14343324.07	39°29'53.0822"N	80°50'36.4378"W	2144.62	94.015	0.74	0.72	-0.14	
8440.00	89.510	161.190	6544.89	933.13	-239.93	2170.39	1684608.73	14343234.31	39°29'52.1943"N	80°50'36.0439"W	2183.61	96.308	0.66	-0.39	0.54	
8535.00	89.600	161.220	6545.63	1028.12	-329.86	2201.00	1684639.32	14343144.42	39°29'51.3049"N	80°50'35.6555"W	2225.58	98.523	0.10	0.09	0.03	
8629.00	89.260	160.380	6546.57	1122.12	-418.63	2231.91	1684670.22	14343055.69	39°29'50.4271"N	80°50'35.2631"W	2270.83	100.623	0.96	-0.36	-0.89	
8723.00	89.290	160.480	6547.76	1216.10	-507.19	2263.39	1684701.70	14342967.16	39°29'49.5512"N	80°50'34.8635"W	2319.52	102.630	0.11	0.03	0.11	
8818.00	89.600	160.960	6548.68	1311.10	-596.86	2294.76	1684733.05	14342877.53	39°29'48.6645"N	80°50'34.4654"W	2371.11	104.579	0.60	0.33	0.51	
8912.00	89.480	160.460	6549.43	1405.09	-685.58	2325.81	1684764.09	14342788.84	39°29'47.7871"N	80°50'34.0712"W	2424.75	106.424	0.55	-0.13	-0.53	
9006.00	89.420	160.560	6550.33	1499.08	-774.19	2357.17	1684795.44	14342700.27	39°29'46.9108"N	80°50'33.6732"W	2481.05	108.182	0.12	-0.06	0.11	
9100.00	89.230	160.410	6551.44	1593.07	-862.78	2388.57	1684826.82	14342611.71	39°29'46.0347"N	80°50'33.2746"W	2539.62	109.860	0.26	-0.20	-0.16	
9195.00	89.510	160.150	6552.49	1688.06	-952.21	2420.62	1684858.86	14342522.32	39°29'45.1503"N	80°50'32.8678"W	2601.17	111.473	0.40	0.29	-0.27	
9290.00	89.750	160.930	6553.10	1783.05	-1041.78	2452.27	1684890.50	14342432.79	39°29'44.2645"N	80°50'32.4660"W	2664.38	113.017	0.86	0.25	0.82	
9384.00	89.690	159.810	6553.56	1877.05	-1130.31	2483.85	1684922.06	14342344.29	39°29'43.3889"N	80°50'32.0652"W	2728.94	114.469	1.19	-0.06	-1.19	
9478.00	89.350	159.820	6554.35	1971.02	-1218.53	2516.28	1684954.48	14342256.10	39°29'42.5164"N	80°50'31.6535"W	2795.80	115.839	0.36	-0.36	0.01	
9573.00	89.510	160.170	6555.29	2066.00	-1307.80	2548.78	1684986.97	14342166.88	39°29'41.6336"N	80°50'31.2409"W	2864.72	117.163	0.41	0.17	0.37	
9761.00	89.260	160.430	6557.31	2253.98	-1484.78	2612.15	1685050.31	14341989.96	39°29'39.8833"N	80°50'30.4366"W	3004.65	119.615	0.19	-0.13	0.14	
9855.00	89.450	160.470	6558.37	2347.97	-1573.36	2643.60	1685081.75	14341901.42	39°29'39.0074"N	80°50'30.0373"W	3076.38	120.759	0.21	0.20	0.04	
9950.00	89.290	162.180	6559.41	2442.96	-1663.35	2674.02	1685112.16	14341811.47	39°29'38.1174"N	80°50'29.6514"W	3149.14	121.883	1.81	-0.17	1.80	
10044.00	90.400	161.570	6559.67	2536.94	-1752.68	2703.26	1685141.39	14341722.17	39°29'37.2340"N	80°50'29.2804"W	3221.72	122.958	1.35	1.18	-0.65	
10139.00	91.940	157.930	6557.73	2631.88	-1841.77	2736.13	1685174.24	14341633.11	39°29'36.3529"N	80°50'28.8631"W	3298.26	123.946	4.16	1.62	-3.83	
10234.00	93.050	155.610	6553.59	2726.52	-1928.98	2773.56	1685211.66	14341545.94	39°29'35.4903"N	80°50'28.3877"W	3378.40	124.818	2.71	1.17	-2.44	
10329.00	89.320	157.530	6551.62	2821.20	-2016.11	2811.32	1685249.40	14341458.84	39°29'34.6286"N	80°50'27.9080"W	3459.51	125.646	4.42	-3.93	2.02	
10423.00	89.140	161.030	6552.89	2915.13	-2104.01	2844.56	1685282.64	14341370.98	39°29'33.7592"N	80°50'27.4859"W	3538.14	126.489	3.73	-0.19	3.72	
10517.00	88.860	160.850	6554.53	3009.12	-2192.84	2875.26	1685313.32	14341282.18	39°29'32.8807"N	80°50'27.0964"W	3616.03	127.331	0.35	-0.30	-0.19	
10611.00	89.290	162.230	6556.05	3103.10	-2281.99	2905.02	1685343.06	14341193.07	39°29'31.9991"N	80°50'26.7188"W	3694.13	128.151	1.54	0.46	1.47	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELL PATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWP
Slot	Slot #05		

WELLPATH DATA (262 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	
10706.00	89.320	161.300	6557.20	3198.08	-2372.21	2934.74	1685372.78	14341102.88	39°29'31.1069"N	80°50'26.3417"W	3773.61	128.949	0.98	0.03	-0.98		
10800.00	89.450	161.880	6558.21	3292.07	-2461.40	2964.42	1685402.45	14341013.74	39°29'30.2250"N	80°50'25.9651"W	3853.09	129.703	0.63	0.14	0.62		
10894.00	88.180	161.870	6560.15	3386.04	-2550.71	2993.66	1685431.67	14340924.46	39°29'29.3417"N	80°50'25.5942"W	3932.96	130.432	1.35	-1.35	-0.01		
10988.00	89.080	161.320	6562.40	3480.00	-2639.88	3023.33	1685461.33	14340835.33	39°29'28.4600"N	80°50'25.2178"W	4013.66	131.126	1.12	0.96	-0.59		
11082.00	89.080	161.690	6563.91	3573.99	-2729.01	3053.15	1685491.13	14340746.23	39°29'27.5785"N	80°50'24.8395"W	4095.02	131.791	0.39	0.00	0.39		
11177.00	89.170	161.660	6565.36	3668.97	-2819.18	3083.01	1685520.99	14340656.09	39°29'26.6868"N	80°50'24.4606"W	4177.65	132.441	0.10	0.09	-0.03		
11272.00	88.920	161.320	6566.94	3763.95	-2909.26	3113.17	1685551.13	14340566.06	39°29'25.7960"N	80°50'24.0780"W	4260.94	133.061	0.44	-0.26	-0.36		
11366.00	89.260	161.700	6568.44	3857.94	-2998.39	3142.97	1685580.93	14340476.96	39°29'24.9145"N	80°50'23.6998"W	4343.80	133.651	0.54	0.36	0.40		
11461.00	88.770	160.830	6570.07	3952.92	-3088.34	3173.48	1685611.42	14340387.04	39°29'24.0250"N	80°50'23.3127"W	4428.19	134.221	1.05	-0.52	-0.92		
11555.00	89.110	161.580	6571.81	4046.91	-3177.32	3203.76	1685641.69	14340298.11	39°29'23.1451"N	80°50'22.9285"W	4512.14	134.763	0.88	0.36	0.80		
11744.00	89.230	161.240	6574.55	4235.88	-3356.44	3264.01	1685701.91	14340119.06	39°29'21.3737"N	80°50'22.1642"W	4681.82	135.800	0.19	0.06	-0.18		
11839.00	89.350	161.630	6575.72	4330.87	-3446.48	3294.25	1685732.14	14340029.04	39°29'20.4832"N	80°50'21.7805"W	4767.63	136.294	0.43	0.13	0.41		
11933.00	89.140	161.080	6576.96	4424.86	-3535.54	3324.30	1685762.18	14339940.02	39°29'19.6025"N	80°50'21.3992"W	4852.94	136.764	0.63	-0.22	-0.59		
12028.00	89.230	160.930	6578.31	4519.85	-3625.36	3355.22	1685793.09	14339850.24	39°29'18.7142"N	80°50'21.0069"W	4939.71	137.216	0.18	0.09	-0.16		
12122.00	89.570	160.950	6579.30	4613.85	-3714.20	3385.91	1685823.77	14339761.43	39°29'17.8356"N	80°50'20.6175"W	5025.90	137.647	0.36	0.36	0.02		
12217.00	90.090	161.410	6579.58	4708.84	-3804.12	3416.56	1685854.40	14339671.55	39°29'16.9464"N	80°50'20.2286"W	5113.14	138.072	0.73	0.55	0.48		
12312.00	89.850	161.880	6579.63	4803.84	-3894.29	3446.47	1685884.31	14339581.42	39°29'16.0547"N	80°50'19.8491"W	5200.35	138.491	0.56	-0.25	0.49		
12406.00	90.280	162.030	6579.52	4897.82	-3983.67	3475.59	1685913.41	14339492.08	39°29'15.1709"N	80°50'19.4798"W	5286.71	138.897	0.48	0.46	0.16		
12501.00	89.600	161.410	6579.62	4992.82	-4073.87	3505.39	1685943.20	14339401.91	39°29'14.2788"N	80°50'19.1018"W	5374.40	139.289	0.97	-0.72	-0.65		
12596.00	89.480	160.960	6580.38	5087.81	-4163.79	3536.03	1685973.82	14339312.02	39°29'13.3895"N	80°50'18.7131"W	5462.66	139.661	0.49	-0.13	-0.47		
12691.00	89.780	161.320	6581.00	5182.81	-4253.69	3566.74	1686004.52	14339222.16	39°29'12.5005"N	80°50'18.3235"W	5551.17	140.020	0.49	0.32	0.38		
12786.00	89.750	161.260	6581.39	5277.81	-4343.67	3597.21	1686034.98	14339132.22	39°29'11.6107"N	80°50'17.9369"W	5639.80	140.370	0.07	-0.03	-0.06		
12879.00	89.690	161.230	6581.84	5370.81	-4431.73	3627.11	1686064.87	14339044.19	39°29'10.7398"N	80°50'17.5575"W	5726.79	140.702	0.07	-0.06	-0.03		
12973.00	89.720	161.380	6582.33	5464.80	-4520.77	3657.24	1686094.99	14338955.19	39°29'9.8593"N	80°50'17.1753"W	5814.87	141.028	0.16	0.03	0.16		
13068.00	89.690	162.540	6582.81	5559.79	-4611.09	3686.66	1686124.39	14338864.90	39°29'8.9660"N	80°50'16.8021"W	5903.70	141.357	1.22	-0.03	1.22		
13162.00	89.480	160.560	6583.50	5653.78	-4700.26	3716.41	1686154.13	14338775.77	39°29'8.0843"N	80°50'16.4248"W	5992.00	141.667	2.12	-0.22	-2.11		
13257.00	90.770	161.850	6583.29	5748.77	-4790.19	3747.01	1686184.72	14338685.88	39°29'7.1949"N	80°50'16.0365"W	6081.61	141.967	1.92	1.36	1.36		
13352.00	90.000	161.340	6582.65	5843.76	-4880.32	3777.01	1686214.70	14338595.78	39°29'6.3035"N	80°50'15.6560"W	6171.17	142.263	0.97	-0.81	-0.54		
13447.00	89.420	160.820	6583.13	5938.76	-4970.19	3807.81	1686245.50	14338505.95	39°29'5.4148"N	80°50'15.2652"W	6261.16	142.543	0.82	-0.61	-0.55		
13541.00	89.970	162.350	6583.63	6032.75	-5059.37	3837.50	1686275.18	14338416.80	39°29'4.5328"N	80°50'14.8886"W	6350.09	142.820	1.73	0.59	1.63		



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWP
Slot	Slot #05		

WELLPATH DATA (262 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
13635.00	89.720	161.110	6583.89	6126.74	-5148.63	3866.97	1686304.63	14338327.58	39°29'3.6501"N	80°50'14.5148"W	6439.09	143.091	1.35	-0.27	-1.32	
13730.00	89.720	160.820	6584.35	6221.74	-5238.43	3897.95	1686335.60	14338237.81	39°29'2.7620"N	80°50'14.1217"W	6529.57	143.347	0.31	0.00	-0.31	
13825.00	89.720	159.930	6584.81	6316.73	-5327.91	3929.86	1686367.50	14338148.37	39°29'1.8771"N	80°50'13.7169"W	6620.46	143.588	0.94	0.00	-0.94	
13918.00	90.340	161.350	6584.77	6409.73	-5415.65	3960.69	1686398.31	14338060.66	39°29'1.0094"N	80°50'13.3257"W	6709.42	143.820	1.67	0.67	1.53	
14013.00	88.770	160.980	6585.50	6504.72	-5505.56	3991.36	1686428.97	14337970.79	39°29'0.1202"N	80°50'12.9366"W	6800.16	144.059	1.70	-1.65	-0.39	
14202.00	88.920	160.690	6589.31	6693.68	-5684.05	4053.39	1686490.98	14337792.37	39°28'58.3551"N	80°50'12.1496"W	6981.29	144.507	0.17	0.08	-0.15	
14296.00	89.290	161.860	6590.78	6787.67	-5773.06	4083.56	1686521.14	14337703.40	39°28'57.4748"N	80°50'11.7669"W	7071.33	144.726	1.31	0.39	1.24	
14390.00	88.770	161.100	6592.37	6881.65	-5862.18	4113.42	1686550.98	14337614.32	39°28'56.5935"N	80°50'11.3882"W	7161.38	144.943	0.98	-0.55	-0.81	
14485.00	89.020	161.140	6594.20	6976.63	-5952.05	4144.15	1686581.70	14337524.48	39°28'55.7047"N	80°50'10.9983"W	7252.65	145.152	0.27	0.26	0.04	
14579.00	89.170	161.350	6595.69	7070.62	-6041.05	4174.37	1686611.91	14337435.52	39°28'54.8245"N	80°50'10.6149"W	7343.00	145.355	0.27	0.16	0.22	
14674.00	89.170	161.410	6597.07	7165.61	-6131.07	4204.70	1686642.23	14337345.54	39°28'53.9343"N	80°50'10.2302"W	7434.34	145.558	0.06	0.00	0.06	
14769.00	88.860	160.920	6598.70	7260.59	-6220.97	4235.36	1686672.88	14337255.67	39°28'53.0452"N	80°50'9.8412"W	7525.87	145.752	0.61	-0.33	-0.52	
14863.00	89.110	161.030	6600.36	7354.58	-6309.82	4266.00	1686703.51	14337166.86	39°28'52.1665"N	80°50'9.4526"W	7616.60	145.938	0.29	0.27	0.12	
14958.00	88.770	161.500	6602.12	7449.56	-6399.77	4296.51	1686734.00	14337076.94	39°28'51.2770"N	80°50'9.0656"W	7708.24	146.124	0.61	-0.36	0.49	
15053.00	89.450	161.180	6603.60	7544.55	-6489.76	4326.90	1686764.38	14336986.98	39°28'50.3870"N	80°50'8.6801"W	7799.94	146.308	0.79	0.72	-0.34	
15147.00	89.320	161.360	6604.61	7638.54	-6578.78	4357.08	1686794.55	14336898.00	39°28'49.5066"N	80°50'8.2972"W	7890.79	146.484	0.24	-0.14	0.19	
15242.00	89.450	161.280	6605.63	7733.53	-6668.77	4387.51	1686824.96	14336808.05	39°28'48.6167"N	80°50'7.9113"W	7982.65	146.658	0.16	0.14	-0.08	
15337.00	89.480	161.010	6606.51	7828.53	-6758.67	4418.21	1686855.65	14336718.19	39°28'47.7276"N	80°50'7.5219"W	8074.66	146.827	0.29	0.03	-0.28	
15432.00	89.350	161.130	6607.48	7923.52	-6848.53	4449.03	1686886.46	14336628.36	39°28'46.8390"N	80°50'7.1310"W	8166.77	146.991	0.19	-0.14	0.13	
15526.00	89.380	161.000	6608.52	8017.52	-6937.43	4479.53	1686916.95	14336539.49	39°28'45.9597"N	80°50'6.7440"W	8257.97	147.150	0.14	0.03	-0.14	
15621.00	89.420	161.050	6609.52	8112.51	-7027.27	4510.42	1686947.82	14336449.69	39°28'45.0713"N	80°50'6.3522"W	8350.23	147.306	0.07	0.04	0.05	
15715.00	89.450	160.570	6610.45	8206.51	-7116.04	4541.31	1686978.71	14336360.96	39°28'44.1934"N	80°50'5.9603"W	8441.65	147.455	0.51	0.03	-0.51	
15810.00	89.320	160.870	6611.47	8301.50	-7205.71	4572.68	1687010.06	14336271.33	39°28'43.3066"N	80°50'5.5624"W	8534.14	147.601	0.34	-0.14	0.32	
15904.00	89.540	161.860	6612.40	8395.49	-7294.77	4602.71	1687040.08	14336182.30	39°28'42.4258"N	80°50'5.1814"W	8625.47	147.750	1.08	0.23	1.05	
15999.00	89.720	161.430	6613.01	8490.49	-7384.94	4632.63	1687069.98	14336092.17	39°28'41.5341"N	80°50'4.8020"W	8717.71	147.900	0.49	0.19	-0.45	
16094.00	90.060	161.420	6613.20	8585.48	-7474.99	4662.89	1687100.23	14336002.15	39°28'40.6436"N	80°50'4.4182"W	8810.11	148.044	0.36	0.36	-0.01	
16188.00	90.000	161.170	6613.15	8679.48	-7564.02	4693.03	1687130.37	14335913.15	39°28'39.7630"N	80°50'4.0359"W	8901.63	148.183	0.27	-0.06	-0.27	
16282.00	90.120	161.350	6613.05	8773.48	-7653.04	4723.23	1687160.55	14335824.17	39°28'38.8827"N	80°50'3.6528"W	8993.22	148.318	0.23	0.13	0.19	
16377.00	89.910	161.050	6613.02	8868.48	-7742.97	4753.85	1687191.16	14335734.28	39°28'37.9933"N	80°50'3.2645"W	9085.85	148.452	0.39	-0.22	-0.32	
16472.00	89.750	160.460	6613.31	8963.48	-7832.66	4785.16	1687222.46	14335644.62	39°28'37.1063"N	80°50'2.8673"W	9178.69	148.578	0.64	-0.17	-0.62	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

WELLPATH DATA (262 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	
16565.00	90.340	161.650	6613.23	9056.48	-7920.62	4815.35	1687252.64	14335556.70	39°28'36.2364"N	80°50'2.4843"W	9269.51	148.702	1.43	0.63	1.28		
16660.00	89.970	161.030	6612.98	9151.47	-8010.63	4845.75	1687283.02	14335466.73	39°28'35.3463"N	80°50'2.0989"W	9362.23	148.830	0.76	-0.39	-0.65		
16754.00	90.180	161.850	6612.85	9245.47	-8099.74	4875.67	1687312.93	14335377.65	39°28'34.4651"N	80°50'1.7194"W	9453.99	148.954	0.90	0.22	0.87		
16848.00	90.090	161.750	6612.63	9339.46	-8189.03	4905.03	1687342.28	14335288.39	39°28'33.5820"N	80°50'1.3471"W	9545.66	149.079	0.14	-0.10	-0.11		
16942.00	89.420	161.350	6613.03	9433.45	-8278.20	4934.78	1687372.01	14335199.26	39°28'32.7002"N	80°50'0.9698"W	9637.46	149.200	0.83	-0.71	-0.43		
17036.00	89.820	161.490	6613.66	9527.45	-8367.30	4964.73	1687401.95	14335110.20	39°28'31.8190"N	80°50'0.5900"W	9729.35	149.317	0.45	0.43	0.15		
17131.00	89.570	161.420	6614.16	9622.45	-8457.36	4994.94	1687432.15	14335020.17	39°28'30.9283"N	80°50'0.2068"W	9822.24	149.434	0.27	-0.26	-0.07		
17225.00	89.600	161.350	6614.84	9716.44	-8546.44	5024.95	1687462.15	14334931.12	39°28'30.0473"N	80°49'59.8263"W	9914.22	149.546	0.08	0.03	-0.07		
17320.00	89.540	161.200	6615.56	9811.44	-8636.41	5055.44	1687492.63	14334841.19	39°28'29.1576"N	80°49'59.4395"W	10007.25	149.657	0.17	-0.06	-0.16		
17415.00	89.850	161.900	6616.06	9906.43	-8726.53	5085.51	1687522.68	14334751.11	39°28'28.2664"N	80°49'59.0583"W	10100.23	149.768	0.81	0.33	0.74		
17509.00	89.720	161.680	6616.41	10000.42	-8815.82	5114.88	1687552.05	14334661.86	39°28'27.3834"N	80°49'58.6858"W	10192.19	149.878	0.27	-0.14	-0.23		
17604.00	89.570	161.600	6617.00	10095.41	-8905.98	5144.81	1687581.96	14334571.73	39°28'26.4917"N	80°49'58.3063"W	10285.21	149.986	0.18	-0.16	-0.08		
17698.00	89.820	161.460	6617.50	10189.41	-8995.14	5174.59	1687611.73	14334482.61	39°28'25.6100"N	80°49'57.9287"W	10377.32	150.090	0.30	0.27	-0.15		
17792.00	89.420	161.120	6618.13	10283.40	-9084.17	5204.74	1687641.87	14334393.61	39°28'24.7295"N	80°49'57.5463"W	10469.55	150.190	0.56	-0.43	-0.36		
17886.00	89.600	161.290	6618.93	10377.40	-9173.15	5235.02	1687672.14	14334304.67	39°28'23.8495"N	80°49'57.1622"W	10561.83	150.287	0.26	0.19	0.18		
17980.00	89.600	160.880	6619.59	10471.40	-9262.08	5265.49	1687702.60	14334215.78	39°28'22.9701"N	80°49'56.7758"W	10654.18	150.382	0.44	0.00	-0.44		
18075.00	89.380	161.490	6620.43	10566.39	-9352.00	5296.13	1687733.22	14334125.90	39°28'22.0808"N	80°49'56.3872"W	10747.50	150.477	0.68	-0.23	0.64		
18169.00	89.660	161.650	6621.22	10660.39	-9441.17	5325.85	1687762.93	14334036.76	39°28'21.1989"N	80°49'56.0104"W	10839.76	150.572	0.34	0.30	0.17		
18263.00	89.660	161.360	6621.78	10754.38	-9530.31	5355.66	1687792.73	14333947.65	39°28'20.3173"N	80°49'55.6323"W	10932.06	150.666	0.31	0.00	-0.31		
18357.00	90.180	162.010	6621.91	10848.37	-9619.55	5385.20	1687822.26	14333858.45	39°28'19.4348"N	80°49'55.2578"W	11024.34	150.759	0.89	0.55	0.69		
18451.00	90.030	160.960	6621.74	10942.37	-9708.68	5415.05	1687852.10	14333769.35	39°28'18.5533"N	80°49'54.8792"W	11116.71	150.849	1.13	-0.16	-1.12		
18546.00	90.120	161.550	6621.61	11037.37	-9798.65	5445.58	1687882.61	14333679.42	39°28'17.6636"N	80°49'54.4921"W	11210.17	150.937	0.63	0.09	0.62		
18640.00	90.120	161.340	6621.42	11131.36	-9887.76	5475.49	1687912.51	14333590.35	39°28'16.7823"N	80°49'54.1128"W	11302.60	151.024	0.22	0.00	-0.22		
18735.00	89.970	161.350	6621.34	11226.36	-9977.77	5505.88	1687942.89	14333500.37	39°28'15.8922"N	80°49'53.7275"W	11396.08	151.109	0.16	-0.16	0.01		
18829.00	90.030	161.540	6621.34	11320.36	-10066.88	5535.79	1687972.79	14333411.30	39°28'15.0109"N	80°49'53.3482"W	11488.56	151.194	0.21	0.06	0.20		
18924.00	90.060	161.850	6621.27	11415.35	-10157.07	5565.63	1688002.61	14333321.14	39°28'14.1189"N	80°49'52.9698"W	11581.99	151.279	0.33	0.03	0.33		
19019.00	90.060	161.800	6621.17	11510.34	-10247.33	5595.26	1688032.23	14333230.91	39°28'13.2263"N	80°49'52.5941"W	11675.39	151.365	0.05	0.00	-0.05		
19113.00	90.060	161.550	6621.07	11604.34	-10336.57	5624.82	1688061.78	14333141.72	39°28'12.3438"N	80°49'52.2194"W	11767.89	151.446	0.27	0.00	-0.27		
19207.00	90.220	161.580	6620.84	11698.33	-10425.74	5654.54	1688091.49	14333052.58	39°28'11.4619"N	80°49'51.8425"W	11860.44	151.526	0.17	0.17	0.03		
19302.00	90.250	161.660	6620.45	11793.33	-10515.90	5684.50	1688121.43	14332962.46	39°28'10.5704"N	80°49'51.4627"W	11953.98	151.606	0.09	0.03	0.08		



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

WELLPATH DATA (262 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]	
19396.00	90.060	161.620	6620.20	11887.32	-10605.11	5714.11	1688151.03	14332873.28	39°28'9.6881"N	80°49'51.0873"W	12046.55	151.684	0.21	-0.20	-0.04	
19490.00	90.250	161.900	6619.94	11981.31	-10694.39	5743.53	1688180.44	14332784.04	39°28'8.8052"N	80°49'50.7143"W	12139.11	151.762	0.36	0.20	0.30	
19585.00	90.060	161.700	6619.68	12076.30	-10784.63	5773.20	1688210.10	14332693.83	39°28'7.9127"N	80°49'50.3381"W	12232.67	151.839	0.29	-0.20	-0.21	
19679.00	90.000	161.560	6619.63	12170.30	-10873.84	5802.82	1688239.71	14332604.66	39°28'7.0304"N	80°49'49.9625"W	12325.31	151.913	0.16	-0.06	-0.15	
19773.00	90.120	161.580	6619.54	12264.29	-10963.02	5832.54	1688269.42	14332515.51	39°28'6.1485"N	80°49'49.5857"W	12417.99	151.986	0.13	0.13	0.02	
19868.00	89.940	161.420	6619.49	12359.29	-11053.11	5862.68	1688299.55	14332425.46	39°28'5.2575"N	80°49'49.2035"W	12511.69	152.058	0.25	-0.19	-0.17	
19962.00	90.000	161.560	6619.54	12453.28	-11142.25	5892.53	1688329.38	14332336.36	39°28'4.3760"N	80°49'48.8251"W	12604.43	152.128	0.16	0.06	0.15	
20057.00	90.220	161.540	6619.35	12548.28	-11232.37	5922.59	1688359.43	14332246.28	39°28'3.4848"N	80°49'48.4439"W	12698.16	152.198	0.23	0.23	-0.02	
20151.00	90.250	161.580	6618.97	12642.27	-11321.54	5952.33	1688389.15	14332157.14	39°28'2.6029"N	80°49'48.0670"W	12790.91	152.267	0.05	0.03	0.04	
20246.00	89.970	160.250	6618.79	12737.27	-11411.32	5983.39	1688420.20	14332067.40	39°28'1.7150"N	80°49'47.6731"W	12884.84	152.330	1.43	-0.29	-1.40	
20340.00	90.250	160.980	6618.60	12831.27	-11499.99	6014.59	1688451.39	14331978.76	39°28'0.8381"N	80°49'47.2774"W	12977.86	152.390	0.83	0.30	0.78	
20434.00	89.910	160.290	6618.47	12925.27	-11588.67	6045.76	1688482.55	14331890.12	39°27'59.9610"N	80°49'46.8821"W	13070.90	152.449	0.82	-0.36	-0.73	
20529.00	89.970	160.460	6618.57	13020.26	-11678.15	6077.66	1688514.44	14331800.67	39°27'59.0760"N	80°49'46.4774"W	13165.00	152.506	0.19	0.06	0.18	
20624.00	90.180	160.530	6618.45	13115.26	-11767.70	6109.38	1688546.15	14331711.16	39°27'58.1904"N	80°49'46.0751"W	13259.08	152.563	0.23	0.22	0.07	
20718.00	90.030	160.080	6618.28	13209.25	-11856.20	6141.06	1688577.81	14331622.69	39°27'57.3151"N	80°49'45.6733"W	13352.23	152.618	0.50	-0.16	-0.48	
20813.00	89.660	160.530	6618.53	13304.24	-11945.64	6173.08	1688609.82	14331533.29	39°27'56.4305"N	80°49'45.2673"W	13446.38	152.672	0.61	-0.39	0.47	
20908.00	89.690	160.290	6619.07	13399.23	-12035.14	6204.93	1688641.66	14331443.82	39°27'55.5454"N	80°49'44.8633"W	13540.52	152.726	0.25	0.03	-0.25	
21002.00	89.660	160.050	6619.61	13493.22	-12123.56	6236.82	1688673.53	14331355.44	39°27'54.6708"N	80°49'44.4589"W	13633.73	152.777	0.26	-0.03	-0.26	
21097.00	89.780	160.400	6620.07	13588.21	-12212.96	6268.96	1688705.66	14331266.07	39°27'53.7867"N	80°49'44.0513"W	13727.94	152.828	0.39	0.13	0.37	
21191.00	89.690	160.120	6620.50	13682.20	-12301.44	6300.70	1688737.39	14331177.64	39°27'52.9117"N	80°49'43.6486"W	13821.15	152.879	0.31	-0.10	-0.30	
21286.00	89.820	160.310	6620.91	13777.19	-12390.83	6332.86	1688769.54	14331088.28	39°27'52.0276"N	80°49'43.2408"W	13915.38	152.929	0.24	0.14	0.20	
21381.00	89.630	160.660	6621.37	13872.19	-12480.37	6364.60	1688801.26	14330998.77	39°27'51.1420"N	80°49'42.8383"W	14009.56	152.980	0.42	-0.20	0.37	
21475.00	89.820	160.220	6621.82	13966.18	-12568.94	6396.07	1688832.72	14330910.24	39°27'50.2660"N	80°49'42.4392"W	14102.76	153.029	0.51	0.20	-0.47	
21569.00	89.820	160.500	6622.11	14060.18	-12657.47	6427.66	1688864.30	14330821.74	39°27'49.3904"N	80°49'42.0385"W	14196.00	153.078	0.30	0.00	0.30	
21663.00	89.970	160.540	6622.29	14154.17	-12746.09	6459.01	1688895.63	14330733.16	39°27'48.5140"N	80°49'41.6410"W	14289.21	153.127	0.17	0.16	0.04	
21758.00	89.940	160.650	6622.36	14249.17	-12835.70	6490.57	1688927.18	14330643.59	39°27'47.6278"N	80°49'41.2407"W	14383.41	153.176	0.12	-0.03	0.12	
21852.00	89.940	160.950	6622.46	14343.17	-12924.47	6521.48	1688958.08	14330554.85	39°27'46.7499"N	80°49'40.8488"W	14476.59	153.225	0.32	0.00	0.32	
21947.00	90.000	160.760	6622.51	14438.17	-13014.21	6552.64	1688989.23	14330465.14	39°27'45.8623"N	80°49'40.4537"W	14570.75	153.275	0.21	0.06	-0.20	
22041.00	90.120	160.440	6622.41	14532.17	-13102.87	6583.86	1689020.44	14330376.52	39°27'44.9854"N	80°49'40.0578"W	14663.99	153.322	0.36	0.13	-0.34	
22136.00	90.220	160.770	6622.13	14627.16	-13192.48	6615.41	1689051.97	14330286.94	39°27'44.0992"N	80°49'39.6577"W	14758.23	153.368	0.36	0.11	0.35	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWP
Slot	Slot #05		

WELLPATH DATA (262 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
22230.00	90.030	160.720	6621.92	14721.16	-13281.22	6646.41	1689082.96	14330198.24	39°27'43.2215"N	80°49'39.2647"W	14851.45	153.415	0.21	-0.20	-0.05	
22325.00	89.970	160.410	6621.92	14816.16	-13370.81	6678.02	1689114.56	14330108.69	39°27'42.3355"N	80°49'38.8638"W	14945.72	153.460	0.33	-0.06	-0.33	
22420.00	90.030	160.140	6621.92	14911.15	-13460.24	6710.08	1689146.61	14330019.30	39°27'41.4511"N	80°49'38.4572"W	15040.05	153.503	0.29	0.06	-0.28	
22514.00	89.910	160.610	6621.97	15005.14	-13548.78	6741.65	1689178.17	14329930.79	39°27'40.5754"N	80°49'38.0569"W	15133.38	153.546	0.52	-0.13	0.50	
22609.00	89.970	160.720	6622.07	15100.14	-13638.42	6773.11	1689209.61	14329841.19	39°27'39.6888"N	80°49'37.6580"W	15227.65	153.590	0.13	0.06	0.12	
22703.00	89.880	160.490	6622.19	15194.14	-13727.08	6804.32	1689240.81	14329752.56	39°27'38.8119"N	80°49'37.2622"W	15320.95	153.633	0.26	-0.10	-0.24	
22797.00	89.910	160.380	6622.37	15288.13	-13815.66	6835.80	1689272.28	14329664.02	39°27'37.9359"N	80°49'36.8631"W	15414.30	153.674	0.12	0.03	-0.12	
22892.00	90.030	160.480	6622.42	15383.13	-13905.17	6867.62	1689304.08	14329574.54	39°27'37.0506"N	80°49'36.4595"W	15508.64	153.716	0.16	0.13	0.11	
22986.00	90.000	160.670	6622.39	15477.13	-13993.82	6898.88	1689335.33	14329485.93	39°27'36.1739"N	80°49'36.0631"W	15601.97	153.757	0.20	-0.03	0.20	
23081.00	89.780	160.330	6622.57	15572.12	-14083.37	6930.59	1689367.03	14329396.41	39°27'35.2882"N	80°49'35.6610"W	15696.32	153.798	0.43	-0.23	-0.36	
23175.00	89.880	160.520	6622.85	15666.12	-14171.93	6962.09	1689398.51	14329307.88	39°27'34.4123"N	80°49'35.2617"W	15789.69	153.837	0.23	0.11	0.20	
23270.00	90.150	161.600	6622.83	15761.12	-14261.79	6992.92	1689429.33	14329218.06	39°27'33.5236"N	80°49'34.8708"W	15883.94	153.880	1.17	0.28	1.14	
23364.00	89.910	161.410	6622.78	15855.11	-14350.93	7022.74	1689459.14	14329128.96	39°27'32.6420"N	80°49'34.4928"W	15977.12	153.925	0.33	-0.26	-0.20	
23459.00	90.180	161.440	6622.70	15950.11	-14440.99	7053.00	1689489.39	14329038.94	39°27'31.7514"N	80°49'34.1092"W	16071.31	153.969	0.29	0.28	0.03	
23553.00	89.910	161.960	6622.63	16044.10	-14530.23	7082.52	1689518.89	14328949.73	39°27'30.8688"N	80°49'33.7351"W	16164.46	154.014	0.62	-0.29	0.55	
23647.00	90.030	161.870	6622.68	16138.09	-14619.59	7111.70	1689548.06	14328860.41	39°27'29.9851"N	80°49'33.3653"W	16257.57	154.059	0.16	0.13	-0.10	
23742.00	90.000	161.640	6622.66	16233.08	-14709.81	7141.44	1689577.79	14328770.22	39°27'29.0928"N	80°49'32.9883"W	16351.72	154.104	0.24	-0.03	-0.24	
23836.00	89.940	161.810	6622.70	16327.08	-14799.07	7170.92	1689607.26	14328681.00	39°27'28.2101"N	80°49'32.6147"W	16444.89	154.147	0.19	-0.06	0.18	
23931.00	89.910	161.810	6622.83	16422.07	-14889.32	7200.57	1689636.90	14328590.78	39°27'27.3175"N	80°49'32.2389"W	16539.05	154.191	0.03	-0.03	0.00	
24025.00	90.060	161.850	6622.85	16516.06	-14978.64	7229.89	1689666.20	14328501.51	39°27'26.4342"N	80°49'31.8673"W	16632.22	154.234	0.17	0.16	0.04	
24103.00	90.000	161.740	6622.81	16594.05	-15052.73	7254.25	1689690.56	14328427.44	39°27'25.7014"N	80°49'31.5585"W	16709.55	154.270	0.16	-0.08	-0.14	
24128.00‡	90.000	161.740	6622.81	16619.05	-15076.47	7262.09	1689698.39	14328403.71	39°27'25.4666"N	80°49'31.4592"W	16734.33	154.281	0.00	0.00	0.00	Projected MD at TD: 24128'



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

HOLE & CASING SECTIONS - Ref Wellbore: Pechora Unit 1H AWB Ref Wellpath: Pechora Unit 1H AWP Proj: 24128'										
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	25.50	106.00	80.50	25.50	106.00	0.00	0.00	-0.05	0.07	
17.5in Open Hole	106.00	402.00	296.00	106.00	402.00	-0.05	0.07	-0.62	0.20	
13.375in Casing Surface	25.50	382.00	356.50	25.50	382.00	0.00	0.00	-0.53	0.20	
12.25in Open Hole	402.00	2692.00	2290.00	402.00	2600.15	-0.62	0.20	414.52	365.15	
9.625in Casing Intermediate	25.50	2672.00	2646.50	25.50	2581.46	0.00	0.00	408.45	361.46	
8.75in Open Hole	2692.00	5987.00	3295.00	2600.15	5650.53	414.52	365.15	1323.85	1206.94	
8.5in Open Hole	5987.00	24128.00	18141.00	5650.53	6622.81	1323.85	1206.94	-15076.47	7262.09	
5.5in Casing Production	25.50	24128.00	24102.50	25.50	6622.81	0.00	0.00	-15076.47	7262.09	



Actual Wellpath Report
Pechora Unit 1H AWP Proj: 24128'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Pechora Unit 1H POE Rev-2	6505.00	983.00	1684.33	1684122.87	14344456.76	39°30'4.2892"N	80°50'42.2174"W	point
Pechora Unit 1H POE Rev-3	6506.00	983.00	1684.33	1684122.87	14344456.76	39°30'4.2892"N	80°50'42.2174"W	point
Pechora Unit 1H AZI Rev-2	6531.00	514.48	1910.79	1684349.24	14343988.43	39°29'59.6549"N	80°50'39.3388"W	point
Pechora Unit 1H BHL Rev-2	6531.00	-15063.91	7271.68	1689707.98	14328416.27	39°27'25.5906"N	80°49'31.3366"W	point
Pechora Unit 1H LP Rev-2	6531.00	818.94	1775.27	1684213.77	14344292.76	39°30'2.6662"N	80°50'41.0609"W	point
Pechora Unit 1H 50' L/R Hard Line	7000.00	-7275.34	4591.45	1687028.82	14336201.71	39°28'42.6180"N	80°50'5.3246"W	rectangle
2D Rectangle 16473.7 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Pechora Unit 1H AWB Ref Wellpath: Pechora Unit 1H AWP Proj: 24128'						
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date	
25.50	483.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <17-1/2"> (100'-483')	Pechora Unit 1H AWB	15/May/2021	
483.00	2616.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-1/4"> (483')(596'-2616')	Pechora Unit 1H AWB	15/May/2021	
2616.00	5927.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (2616')(2706'-5927')	Pechora Unit 1H AWB	29/May/2021	
5927.00	24128.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH AT Curve <8-1/2"> (5927')(5984'-24103')	Pechora Unit 1H AWB	29/May/2021	



Actual Wellpath Report

Pechora Unit 1H AWP Proj: 24128'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Pechora Unit 1H
Field	Tyler	API	47-095-02724-0000
Facility	Blizzard Pad	Wellbore	Pechora Unit 1H AWB
Slot	Slot #05		

COMMENTS

Wellpath general comments

API: 47-095-02724-0000

BH Job #: 110887530

Rig: H&P 317

Duration: 5/31/2021-6/4/2021

Gyrodatta MS Gyro <17-1/2"> (100'-483')

APS EM <12-1/4"> (483')(596'-2616')

APS EM <8-3/4"> (2616')(2706'-5927')

Sycamore: 6621' MD

Middlesex: 6776' MD

Burkett: 6936' MD

Tully: 6992' MD

Marcellus POE: 7160' MD

BH AT Curve <8-1/2"> (5927')(5984'-24103')

Projected MD at TD: 24128'