



ANTERO RESOURCES CORPORATION



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

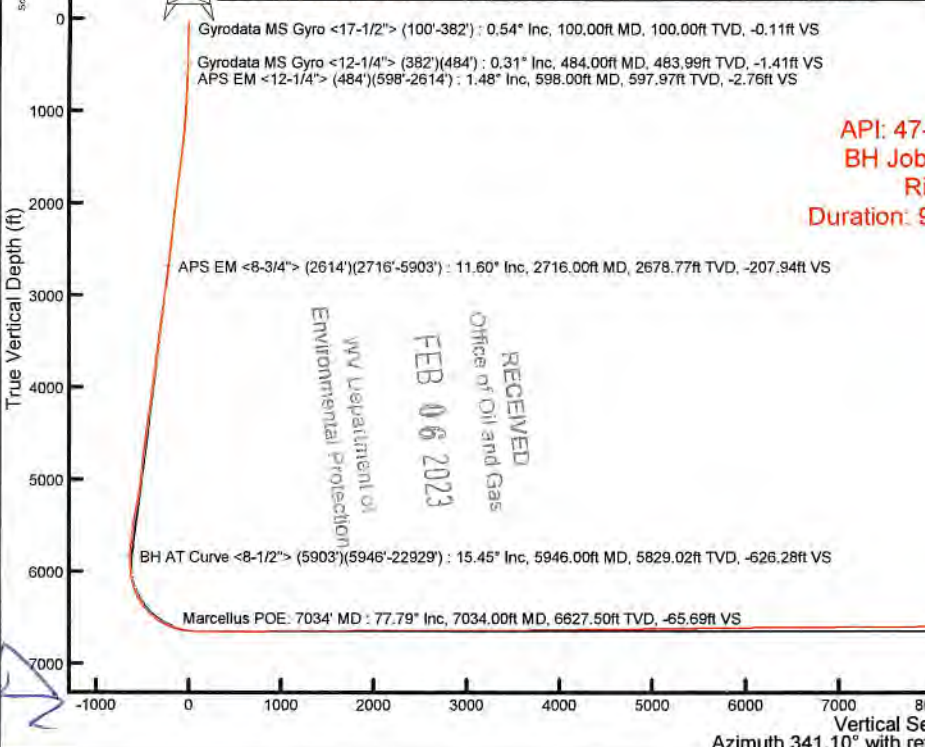
Slot: Slot #07
Well: Seagrave Unit 1H
Wellbore: Seagrave Unit 1H PWB

Plot reference wellpath is Seagrave Unit 1H PWP Rev-B.0	Grid System: NAD2011 / UTM Zone 17 North, US Feet
True vertical depths are referenced to H&P 317 (RKB)	Math 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: 1106.5 feet	Coordinates are in feet referenced to Grid
Mean Sea Level to Ground level (At Slot: Slot #07): -101 feet	Depths are in feet
Offset wellpath #IDs are referenced to each path's detail: MD datum	Created by: schuyler on 202009-21, Database: WA_MPL_EASTERRAD_C01

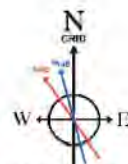
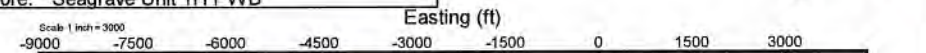
Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Pyles Pad	1686305.101	14345436.083	39°30'13.93407N	80°50'14.29407W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot #07	-44.93	-2.11	1686306.088	14345301.173
Comment: Seagrave Unit 1H				
H&P 317 (RKB) to Ground level (At Slot: Slot #07): 25.6ft				
Mean Sea Level to Ground level (At Slot: Slot #07): -106ft				
H&P 317 (RKB) to Mean Sea Level: 1106.5ft				

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)
Tie On	2614.00	12.810	105.110	2579.08	-90.02	342.98	0.94
Proj. to Bottom	2692.00	12.810	105.110	2655.14	-84.53	359.67	0.00
Drill Out	2772.00	12.810	105.110	2733.14	-89.15	376.80	0.00
Adj. Inc/Azi	2779.34	12.695	105.526	2740.30	-89.58	378.36	2.00
Curve KOP	5967.28	12.695	105.526	5850.31	-267.12	1053.40	0.00
Avoid No-Go	6409.40	30.000	0.000	6270.84	-186.37	1101.75	8.00
POE	7003.18	75.440	341.097	6623.00	258.79	1002.93	8.00
Landing Pt.	7185.18	90.000	341.097	6548.00	430.13	944.60	8.00
BHL	22996.80	90.000	341.097	6648.00	15388.99	-4177.87	0.00

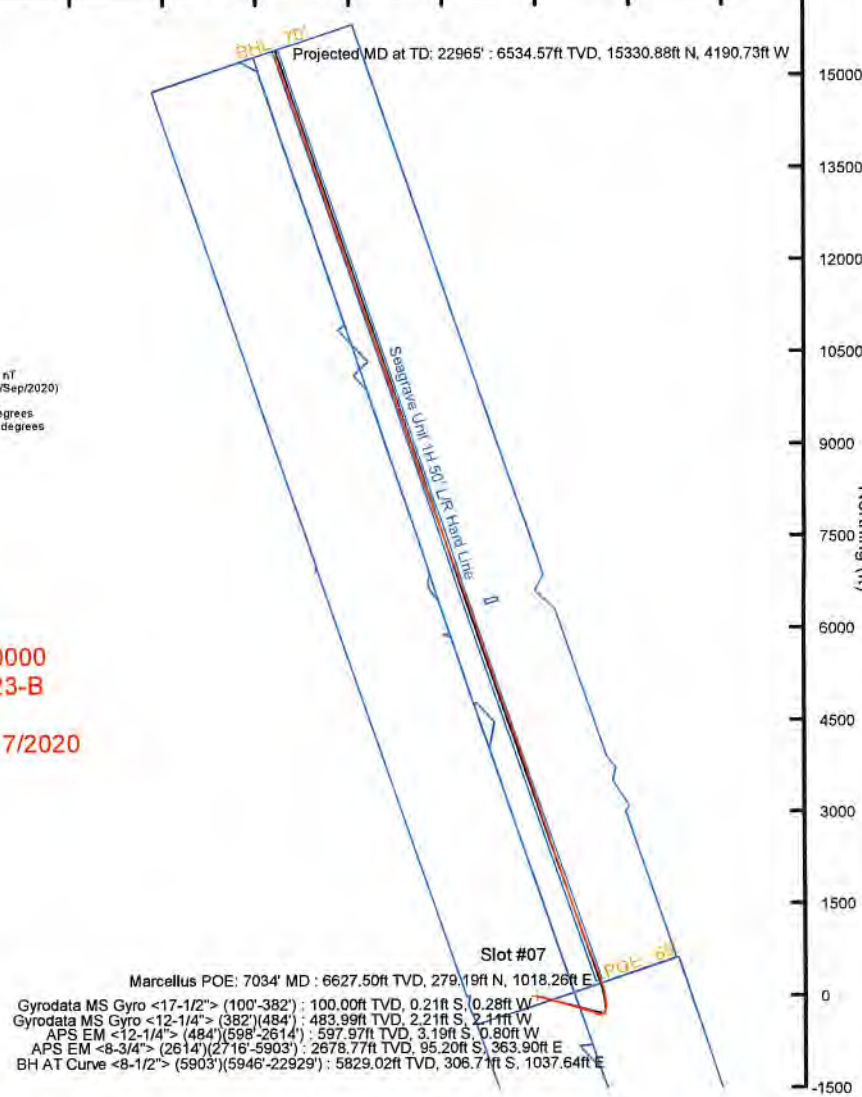
Well Data			
Slot	Well	Wellbore	Wellpath
Slot #07	Seagrave Unit 1H	Seagrave Unit 1H AWP	Seagrave Unit 1H AWP Proj: 22995'
Slot #07	Seagrave Unit 1H	Seagrave Unit 1H PWB	Seagrave Unit 1H PWP Rev-B.0



API: 47-095-02697-0000
BH Job #: 110531823-B
Rig: H&P 317
Duration: 9/12/2020-9/17/2020



User specified (HDGM) Dip: 66.47° Field: 51792 nT
Magnetic North is 7.57 degrees West of True North (at 09/Sep/2020)
Grid North is 0.10 degrees East of True North
To correct azimuth from True to Grid subtract 0.10 degrees
To correct azimuth from Magnetic to Grid subtract 7.67 degrees



Vertical Section (ft)
Azimuth 341.10° with reference 0.00 N, 0.00 E



Actual Wellpath Report

Seagrave Unit 1H AWP Proj: 22965'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

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	21/Sep/2020 at 14:11
Convergence at slot	0.10° 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	-44.93	-2.11	1686306.99	14345391.17	39°30'13.4900"N	80°50'14.3220"W
Facility Reference Pt			1686309.10	14345436.08	39°30'13.9340"N	80°50'14.2940"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	1106.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1106.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot #07)	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	341.10°

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Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH DATA (269 stations) † = interpolated, ‡ = extrapolated station																
MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate	Comments
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]			[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]	
0.00	0.00	233.590	0.00	0.00	0.00	0.00	1686306.99	14345391.17	39°30'13.4900"N	80°50'14.3220"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	233.590	25.50	0.00	0.00	0.00	1686306.99	14345391.17	39°30'13.4900"N	80°50'14.3220"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.540	233.590	100.00	-0.11	-0.21	-0.28	1686306.71	14345390.96	39°30'13.4879"N	80°50'14.3256"W	0.35	233.590	0.72	0.72	0.00	Gyrodata MS Gyro <17-1/2"> (100'-382')
200.00	0.600	234.940	199.99	-0.39	-0.79	-1.09	1686305.90	14345390.38	39°30'13.4822"N	80°50'14.3359"W	1.35	234.115	0.06	0.06	1.35	
300.00	0.420	224.440	299.99	-0.70	-1.35	-1.78	1686305.21	14345389.82	39°30'13.4767"N	80°50'14.3447"W	2.23	232.727	0.20	-0.18	-10.50	
382.00	0.240	197.260	381.99	-0.98	-1.73	-2.04	1686304.95	14345389.44	39°30'13.4729"N	80°50'14.3480"W	2.67	229.660	0.29	-0.22	-33.15	
484.00	0.310	181.320	483.99	-1.41	-2.21	-2.11	1686304.88	14345388.96	39°30'13.4682"N	80°50'14.3489"W	3.05	223.632	0.10	0.07	-15.63	Gyrodata MS Gyro <12-1/4"> (382')(484')
598.00	1.480	117.050	597.97	-2.76	-3.19	-0.80	1686306.19	14345387.99	39°30'13.4585"N	80°50'14.3323"W	3.29	194.132	1.21	1.03	-56.38	APS EM <12-1/4"> (484')(598'-2614')
690.00	3.420	112.260	689.88	-5.42	-4.77	2.80	1686309.78	14345386.41	39°30'13.4428"N	80°50'14.2864"W	5.53	149.615	2.12	2.11	-5.21	
781.00	3.290	109.850	780.73	-8.84	-6.68	7.76	1686314.75	14345384.49	39°30'13.4238"N	80°50'14.2231"W	10.24	130.720	0.21	-0.14	-2.65	
872.00	4.590	109.930	871.51	-12.75	-8.81	13.64	1686320.63	14345382.37	39°30'13.4027"N	80°50'14.1482"W	16.24	122.854	1.43	1.43	0.09	
963.00	6.190	103.730	962.11	-17.68	-11.22	21.83	1686328.81	14345379.96	39°30'13.3788"N	80°50'14.0437"W	24.55	117.191	1.87	1.76	-6.81	
1055.00	8.490	97.040	1053.35	-23.33	-13.23	33.39	1686340.37	14345377.95	39°30'13.3587"N	80°50'13.8963"W	35.92	111.607	2.66	2.50	-7.27	
1150.00	11.310	93.630	1146.93	-29.97	-14.68	49.65	1686356.62	14345376.50	39°30'13.3441"N	80°50'13.6889"W	51.78	106.466	3.03	2.97	-3.59	
1244.00	11.620	97.170	1239.05	-37.66	-16.44	68.24	1686375.21	14345374.74	39°30'13.3263"N	80°50'13.4518"W	70.20	103.545	0.82	0.33	3.77	
1339.00	11.040	107.070	1332.21	-47.21	-20.31	86.43	1686393.39	14345370.88	39°30'13.2878"N	80°50'13.2198"W	88.79	103.220	2.13	-0.61	10.42	
1434.00	11.090	108.440	1425.44	-58.09	-25.87	103.80	1686410.74	14345365.32	39°30'13.2325"N	80°50'12.9984"W	108.97	103.993	0.28	0.05	1.44	
1529.00	11.990	108.480	1518.52	-69.63	-31.88	121.82	1686428.76	14345359.30	39°30'13.1727"N	80°50'12.7686"W	125.93	104.666	0.95	0.95	0.04	
1624.00	12.730	108.980	1611.32	-82.04	-38.42	141.08	1686448.01	14345352.77	39°30'13.1078"N	80°50'12.5231"W	146.22	105.232	0.79	0.78	0.53	
1719.00	12.410	108.260	1704.04	-94.64	-45.02	160.67	1686467.60	14345346.17	39°30'13.0422"N	80°50'12.2733"W	166.86	105.652	0.38	-0.34	-0.76	
1814.00	11.860	108.010	1796.92	-106.67	-51.24	179.65	1686486.57	14345339.96	39°30'12.9804"N	80°50'12.0313"W	186.81	105.918	0.58	-0.58	-0.26	
1909.00	12.170	105.090	1889.84	-118.13	-56.86	198.60	1686505.51	14345334.33	39°30'12.9245"N	80°50'11.7896"W	206.58	105.976	0.72	0.33	-3.07	
2004.00	12.200	103.220	1982.70	-129.06	-61.76	218.04	1686524.94	14345329.43	39°30'12.8757"N	80°50'11.5418"W	226.62	105.815	0.42	0.03	-1.97	
2099.00	12.360	101.330	2075.52	-139.52	-66.06	237.79	1686544.68	14345325.14	39°30'12.8329"N	80°50'11.2900"W	246.79	105.525	0.46	0.17	-1.99	
2193.00	12.160	100.630	2167.38	-149.46	-69.86	257.38	1686564.27	14345321.34	39°30'12.7950"N	80°50'11.0401"W	266.69	105.186	0.27	-0.21	-0.74	
2288.00	11.930	99.580	2260.29	-159.08	-73.34	276.90	1686583.77	14345317.86	39°30'12.7602"N	80°50'10.7912"W	286.44	104.835	0.33	-0.24	-1.11	
2383.00	12.090	104.230	2353.21	-169.20	-77.42	296.22	1686603.09	14345313.79	39°30'12.7195"N	80°50'10.5448"W	306.17	104.647	1.03	0.17	4.89	
2478.00	11.710	105.110	2446.17	-180.03	-82.38	315.17	1686622.04	14345308.83	39°30'12.6702"N	80°50'10.3031"W	325.76	104.648	0.44	-0.40	0.93	
2573.00	12.440	105.630	2539.07	-191.22	-87.65	334.33	1686641.19	14345303.56	39°30'12.6178"N	80°50'10.0588"W	345.63	104.690	0.78	0.77	0.55	
2614.00	12.810	105.110	2579.08	-196.26	-90.02	342.98	1686649.83	14345301.19	39°30'12.5941"N	80°50'9.9486"W	354.59	104.707	0.94	0.90	-1.27	

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Seagrave Unit 1H AWP Proj: 22965'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Seagrave Unit 1H
Field	Tyler		API	47-095-02697-0000
Facility	Pyles Pad		Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07			

WELLPATH DATA (269 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
2716.00	11.600	102.550	2678.77	-207.94	-95.20	363.90	1686670.75	14345296.01	39°30'12.5426"N	80°50'9.6818"W	376.15	104.660	1.30	-1.19	-2.51	APS EM <8-3/4"> (2614')(2716'-5903')
2805.00	10.710	96.160	2766.09	-216.11	-98.03	380.86	1686687.70	14345293.18	39°30'12.5143"N	80°50'9.4655"W	393.27	104.434	1.71	-1.00	-7.18	
2893.00	14.060	115.410	2852.07	-227.05	-103.50	398.66	1686705.49	14345287.72	39°30'12.4600"N	80°50'9.2386"W	411.87	104.554	5.99	3.81	21.88	
2982.00	13.540	111.430	2938.50	-241.34	-111.94	418.12	1686724.94	14345279.27	39°30'12.3761"N	80°50'8.9905"W	432.85	104.988	1.22	-0.58	-4.47	
3071.00	12.130	104.760	3025.28	-253.27	-118.13	436.86	1686743.68	14345273.09	39°30'12.3146"N	80°50'8.7515"W	452.55	105.132	2.30	-1.58	-7.49	
3159.00	12.220	107.940	3111.30	-263.98	-123.36	454.67	1686761.47	14345267.86	39°30'12.2627"N	80°50'8.5245"W	471.10	105.180	0.77	0.10	3.61	
3248.00	13.750	111.670	3198.02	-276.51	-130.16	473.46	1686780.26	14345261.06	39°30'12.1950"N	80°50'8.2849"W	491.02	105.372	1.96	1.72	4.19	
3336.00	12.050	105.160	3283.80	-288.46	-136.43	492.04	1686798.84	14345254.80	39°30'12.1328"N	80°50'8.0480"W	510.61	105.497	2.54	-1.93	-7.40	
3425.00	12.470	104.930	3370.77	-299.01	-141.33	510.30	1686817.08	14345249.89	39°30'12.0840"N	80°50'7.8152"W	529.51	105.481	0.48	0.47	-0.26	
3513.00	13.360	102.810	3456.55	-309.64	-146.04	529.39	1686836.17	14345245.19	39°30'12.0372"N	80°50'7.5718"W	549.16	105.422	1.15	1.01	-2.41	
3602.00	13.260	108.860	3543.16	-321.30	-151.62	549.08	1686855.85	14345239.62	39°30'11.9817"N	80°50'7.3207"W	569.63	105.436	1.57	-0.11	6.80	
3690.00	13.750	111.110	3628.73	-334.20	-158.65	568.38	1686875.15	14345232.59	39°30'11.9118"N	80°50'7.0746"W	590.11	105.595	0.82	0.56	2.56	
3779.00	12.110	104.230	3715.47	-346.11	-164.75	587.30	1686894.06	14345226.49	39°30'11.8512"N	80°50'6.8334"W	609.97	105.670	2.52	-1.84	-7.73	
3867.00	11.870	104.220	3801.55	-356.10	-169.24	605.02	1686911.77	14345222.00	39°30'11.8064"N	80°50'6.6074"W	628.25	105.628	0.27	-0.27	-0.01	
3956.00	12.610	104.840	3888.53	-366.49	-173.98	623.29	1686930.03	14345217.26	39°30'11.7593"N	80°50'6.3745"W	647.11	105.596	0.84	0.83	0.70	
4044.00	12.370	108.220	3974.45	-377.52	-179.39	641.53	1686948.26	14345211.86	39°30'11.7055"N	80°50'6.1420"W	666.14	105.622	0.87	-0.27	3.84	
4133.00	12.790	108.420	4061.31	-389.24	-185.48	659.93	1686966.65	14345205.77	39°30'11.6450"N	80°50'5.9074"W	685.50	105.699	0.47	0.47	0.22	
4221.00	12.990	107.720	4147.09	-401.05	-191.57	678.59	1686985.31	14345199.68	39°30'11.5845"N	80°50'5.6694"W	705.11	105.765	0.29	0.23	-0.80	
4310.00	12.470	111.780	4233.91	-413.28	-198.18	697.04	1687003.75	14345193.07	39°30'11.5188"N	80°50'5.4342"W	724.67	105.871	1.16	-0.58	4.56	
4398.00	12.760	113.750	4319.78	-426.06	-205.62	714.76	1687021.46	14345185.64	39°30'11.4450"N	80°50'5.2083"W	743.75	106.049	0.59	0.33	2.24	
4487.00	13.510	110.660	4406.46	-439.34	-213.24	733.48	1687040.18	14345178.01	39°30'11.3692"N	80°50'4.9696"W	763.85	106.211	1.15	0.84	-3.47	
4575.00	11.590	103.410	4492.35	-450.61	-218.92	751.70	1687058.39	14345172.34	39°30'11.3128"N	80°50'4.7373"W	782.93	106.237	2.82	-2.18	-8.24	
4664.00	12.200	103.520	4579.44	-460.43	-223.19	769.54	1687076.22	14345168.07	39°30'11.2702"N	80°50'4.5098"W	801.26	106.174	0.69	0.69	0.12	
4752.00	13.950	104.800	4665.16	-471.30	-228.08	788.84	1687095.51	14345163.19	39°30'11.2216"N	80°50'4.2638"W	821.15	106.126	2.02	1.99	1.45	
4841.00	14.170	104.570	4751.49	-483.26	-233.56	809.78	1687116.42	14345157.71	39°30'11.1671"N	80°50'3.9971"W	842.77	106.089	0.26	0.25	-0.26	
4929.00	13.450	103.590	4836.95	-494.70	-238.67	830.13	1687136.79	14345152.60	39°30'11.1162"N	80°50'3.7373"W	863.76	106.041	0.86	-0.82	-1.11	
5018.00	10.810	100.180	4923.95	-504.32	-242.58	848.41	1687155.06	14345148.69	39°30'11.0772"N	80°50'3.5042"W	882.41	105.957	3.07	-2.97	-3.83	
5107.00	10.950	106.650	5011.36	-513.29	-246.48	864.72	1687171.37	14345144.79	39°30'11.0384"N	80°50'3.2962"W	899.16	105.910	1.38	0.16	7.27	
5195.00	10.530	117.290	5097.82	-523.95	-252.56	879.88	1687186.51	14345138.71	39°30'10.9780"N	80°50'3.1030"W	915.41	106.016	2.30	-0.48	12.09	
5284.00	11.850	124.120	5185.13	-537.12	-261.42	894.67	1687201.30	14345129.86	39°30'10.8902"N	80°50'2.9144"W	932.08	106.288	2.10	1.48	7.67	

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Field	Tyler		API	47-095-02697-0000
Facility	Pyles Pad		Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07			

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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)	
5372.00	13.180	122.300	5271.04	-552.16	-271.84	910.63	1687217.26	14345119.44	39°30'10.7868"N	80°50'2.7111"W	950.34	106.622	1.58	1.51	-2.07	
5461.00	14.520	118.950	5357.45	-568.34	-282.67	928.97	1687235.59	14345108.62	39°30'10.6795"N	80°50'2.4774"W	971.03	106.924	1.75	1.51	-3.76	
5549.00	13.010	113.690	5442.93	-583.22	-291.99	947.70	1687254.31	14345099.30	39°30'10.5871"N	80°50'2.2387"W	991.66	107.124	2.23	-1.72	-5.98	
5638.00	13.760	107.270	5529.51	-596.25	-299.16	966.98	1687273.58	14345092.14	39°30'10.5159"N	80°50'1.9929"W	1012.20	107.191	1.87	0.84	-7.21	
5726.00	12.050	101.380	5615.29	-607.06	-304.08	985.98	1687292.58	14345087.22	39°30'10.4669"N	80°50'1.7506"W	1031.81	107.140	2.45	-1.94	-6.89	
5815.00	13.390	97.720	5702.11	-616.36	-307.29	1005.30	1687311.89	14345084.00	39°30'10.4348"N	80°50'1.5042"W	1051.22	106.997	1.76	1.51	-4.11	
5903.00	14.690	86.420	5787.49	-623.88	-307.97	1026.54	1687333.12	14345083.33	39°30'10.4277"N	80°50'1.2333"W	1071.74	106.699	3.44	1.48	-12.84	
5946.00	15.450	80.800	5829.02	-626.28	-306.71	1037.64	1687344.21	14345084.59	39°30'10.4399"N	80°50'1.0917"W	1082.02	106.467	3.83	1.77	-13.07	BH AT Curve <8-1/2"> (5903')(5946'-22929')
6035.00	13.390	62.150	5915.25	-626.68	-300.00	1058.46	1687365.03	14345091.30	39°30'10.5059"N	80°50'0.8258"W	1100.16	105.824	5.68	-2.31	-20.96	
6121.00	14.710	44.490	5998.72	-620.23	-287.55	1074.93	1687381.49	14345103.74	39°30'10.6286"N	80°50'0.6155"W	1112.72	104.976	5.19	1.53	-20.53	
6210.00	17.720	29.280	6084.21	-606.13	-267.66	1089.48	1687396.03	14345123.62	39°30'10.8249"N	80°50'0.4294"W	1121.88	103.803	5.82	3.38	-17.09	
6298.00	21.060	14.010	6167.26	-583.91	-240.61	1099.87	1687406.42	14345150.66	39°30'11.0921"N	80°50'0.2962"W	1125.88	102.340	6.87	3.80	-17.35	
6387.00	26.920	3.280	6248.57	-551.78	-204.94	1104.90	1687411.45	14345186.32	39°30'11.4446"N	80°50'0.2312"W	1123.74	100.508	8.18	6.58	-12.06	
6475.00	33.530	0.370	6324.57	-510.35	-160.69	1106.20	1687412.74	14345230.54	39°30'11.8818"N	80°50'0.2136"W	1117.81	98.265	7.69	7.51	-3.31	
6492.00†	34.609	359.736	6338.65	-501.34	-151.17	1106.21	1687412.75	14345240.06	39°30'11.9760"N	80°50'0.2132"W	1116.49	97.782	6.68	6.35	-3.73	Sycamore: 6492' MD
6564.00	39.210	357.390	6396.21	-460.09	-107.96	1105.07	1687411.62	14345283.25	39°30'12.4030"N	80°50'0.2267"W	1110.34	95.580	6.68	6.39	-3.26	
6641.00†	46.613	353.443	6452.58	-409.32	-55.77	1100.76	1687407.31	14345335.42	39°30'12.9189"N	80°50'0.2804"W	1102.18	92.900	10.22	9.61	-5.13	Middlesex: 6641' MD
6652.00	47.680	352.960	6460.06	-401.44	-47.76	1099.81	1687406.36	14345343.43	39°30'12.9981"N	80°50'0.2924"W	1100.85	92.487	10.22	9.70	-4.39	
6741.00	55.200	350.680	6515.50	-333.10	21.05	1089.84	1687396.40	14345412.22	39°30'13.6784"N	80°50'0.4179"W	1090.05	88.893	8.68	8.45	-2.56	
6785.00	59.190	349.660	6539.33	-296.59	57.48	1083.52	1687390.08	14345448.63	39°30'14.0386"N	80°50'0.4977"W	1085.05	86.963	9.27	9.07	-2.32	
6808.00†	60.903	348.954	6550.82	-276.86	77.07	1079.83	1687386.38	14345468.21	39°30'14.2322"N	80°50'0.5444"W	1082.57	85.918	7.91	7.45	-3.07	Burkett: 6808' MD
6829.00	62.470	348.330	6560.78	-258.54	95.19	1076.18	1687382.74	14345486.32	39°30'14.4114"N	80°50'0.5904"W	1080.39	84.945	7.91	7.46	-2.97	
6862.00†	65.271	346.342	6575.31	-229.09	124.09	1069.68	1687376.24	14345515.21	39°30'14.6971"N	80°50'0.6727"W	1076.86	83.383	10.06	8.49	-6.02	Tully: 6862' MD
6873.00	66.210	345.700	6579.83	-219.10	133.82	1067.26	1687373.82	14345524.94	39°30'14.7933"N	80°50'0.7034"W	1075.62	82.853	10.06	8.54	-5.84	
6918.00	70.060	342.200	6596.59	-177.40	173.94	1055.70	1687362.27	14345565.04	39°30'15.1900"N	80°50'0.8499"W	1069.94	80.644	11.19	8.56	-7.78	
6962.00	74.420	340.470	6610.01	-135.51	213.62	1042.29	1687348.86	14345604.71	39°30'15.5825"N	80°50'1.0201"W	1063.96	78.417	10.59	9.91	-3.93	
7006.00	76.150	339.640	6621.19	-92.96	253.62	1027.77	1687334.35	14345644.70	39°30'15.9781"N	80°50'1.2043"W	1058.60	76.138	4.33	3.93	-1.89	
7034.00†	77.795	339.547	6627.50	-65.69	279.19	1018.26	1687324.84	14345670.25	39°30'16.2310"N	80°50'1.3251"W	1055.84	74.667	5.88	5.87	-0.33	Marcellus POE: 7034' MD
7094.00	81.320	339.350	6638.37	-6.72	334.43	997.55	1687304.14	14345725.47	39°30'16.7773"N	80°50'1.5880"W	1052.12	71.466	5.88	5.88	-0.33	
7183.00	87.630	340.230	6646.93	81.80	417.52	966.96	1687273.57	14345808.53	39°30'17.5991"N	80°50'1.9762"W	1053.25	66.646	7.16	7.09	0.99	

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Actual Wellpath Report

Seagrave Unit 1H AWP Proj: 22965'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH DATA (269 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
7271.00	90.250	338.790	6648.56	169.74	499.93	936.17	1687242.78	14345890.90	39°30'18.4141"N	80°50'2.3672"W	1061.29	61.897	3.40	2.98	-1.64	
7360.00	90.340	339.580	6648.10	258.69	583.12	904.54	1687211.17	14345974.06	39°30'19.2369"N	80°50'2.7687"W	1076.21	57.192	0.89	0.10	0.89	
7448.00	89.200	339.950	6648.46	346.66	665.69	874.11	1687180.75	14346056.59	39°30'20.0535"N	80°50'3.1550"W	1098.73	52.708	1.36	-1.30	0.42	
7535.00	90.000	339.590	6649.06	433.63	747.32	844.02	1687150.68	14346138.19	39°30'20.8608"N	80°50'3.5369"W	1127.33	48.478	1.01	0.92	-0.41	
7624.00	89.880	340.160	6649.16	522.61	830.88	813.40	1687120.07	14346221.72	39°30'21.6873"N	80°50'3.9256"W	1162.75	44.391	0.65	-0.13	0.64	
7712.00	90.830	340.740	6648.61	610.60	913.81	783.96	1687090.63	14346304.62	39°30'22.5074"N	80°50'4.2993"W	1204.01	40.626	1.26	1.08	0.66	
7801.00	90.550	340.090	6647.54	699.59	997.65	754.13	1687060.81	14346388.43	39°30'23.3366"N	80°50'4.6779"W	1250.61	37.086	0.80	-0.31	-0.73	
7889.00	91.110	341.450	6646.27	787.58	1080.73	725.15	1687031.84	14346471.47	39°30'24.1582"N	80°50'5.0457"W	1301.47	33.861	1.67	0.64	1.55	
7977.00	91.540	339.760	6644.23	875.55	1163.71	695.93	1687002.64	14346554.42	39°30'24.9788"N	80°50'5.4165"W	1355.93	30.881	1.98	0.49	-1.92	
8066.00	90.030	340.010	6643.01	964.52	1247.27	665.33	1686972.05	14346637.95	39°30'25.8053"N	80°50'5.8050"W	1413.63	28.077	1.72	-1.70	0.28	
8154.00	91.170	340.890	6642.09	1052.50	1330.19	635.88	1686942.62	14346720.83	39°30'26.6253"N	80°50'6.1787"W	1474.37	25.550	1.64	1.30	1.00	
8243.00	89.910	341.680	6641.25	1141.50	1414.48	607.33	1686914.07	14346805.09	39°30'27.4589"N	80°50'6.5410"W	1539.35	23.237	1.67	-1.42	0.89	
8331.00	90.060	341.560	6641.27	1229.49	1497.99	579.58	1686886.34	14346888.57	39°30'28.2847"N	80°50'6.8931"W	1606.20	21.152	0.22	0.17	-0.14	
8419.00	89.510	340.320	6641.60	1317.49	1581.16	550.84	1686857.61	14346971.71	39°30'29.1073"N	80°50'7.2578"W	1674.37	19.207	1.54	-0.63	-1.41	
8508.00	90.060	341.510	6641.94	1406.49	1665.27	521.74	1686828.52	14347055.78	39°30'29.9391"N	80°50'7.6271"W	1745.09	17.396	1.47	0.62	1.34	
8596.00	90.800	342.340	6641.28	1494.47	1748.92	494.44	1686801.23	14347139.40	39°30'30.7663"N	80°50'7.9735"W	1817.47	15.786	1.26	0.84	0.94	
8685.00	91.320	341.550	6639.63	1583.45	1833.53	466.86	1686773.67	14347223.97	39°30'31.6030"N	80°50'8.3233"W	1892.03	14.285	1.06	0.58	-0.89	
8774.00	90.250	341.490	6638.41	1672.44	1917.93	438.66	1686745.47	14347308.33	39°30'32.4377"N	80°50'8.6813"W	1967.45	12.883	1.20	-1.20	-0.07	
8862.00	90.180	341.740	6638.08	1760.43	2001.44	410.90	1686717.73	14347391.81	39°30'33.2635"N	80°50'9.0334"W	2043.18	11.602	0.30	-0.08	0.28	
8951.00	90.310	341.960	6637.70	1849.42	2086.01	383.18	1686690.01	14347476.35	39°30'34.0998"N	80°50'9.3852"W	2120.91	10.409	0.29	0.15	0.25	
9039.00	90.740	342.130	6636.90	1937.41	2169.72	356.05	1686662.90	14347560.02	39°30'34.9277"N	80°50'9.7293"W	2198.74	9.319	0.53	0.49	0.19	
9127.00	90.280	340.560	6636.11	2025.40	2253.09	327.90	1686634.76	14347643.36	39°30'35.7521"N	80°50'10.0865"W	2276.82	8.280	1.86	-0.52	-1.78	
9216.00	90.460	341.150	6635.54	2114.40	2337.16	298.72	1686605.59	14347727.40	39°30'36.5836"N	80°50'10.4569"W	2356.18	7.284	0.69	0.20	0.66	
9308.00	90.550	342.180	6634.73	2206.39	2424.49	269.78	1686576.66	14347814.69	39°30'37.4472"N	80°50'10.8241"W	2439.45	6.349	1.12	0.10	1.12	
9393.00	90.860	342.240	6633.68	2291.36	2505.42	243.81	1686550.70	14347895.59	39°30'38.2475"N	80°50'11.1536"W	2517.25	5.558	0.37	0.36	0.07	
9481.00	90.090	342.040	6632.95	2379.35	2589.17	216.82	1686523.72	14347979.31	39°30'39.0758"N	80°50'11.4960"W	2598.24	4.787	0.90	-0.87	-0.23	
9570.00	90.310	342.580	6632.64	2468.33	2673.96	189.78	1686496.69	14348064.07	39°30'39.9143"N	80°50'11.8390"W	2680.69	4.060	0.66	0.25	0.61	
9658.00	90.030	342.380	6632.38	2556.30	2757.88	163.29	1686470.21	14348147.95	39°30'40.7441"N	80°50'12.1751"W	2762.71	3.388	0.39	-0.32	-0.23	
9747.00	90.250	342.080	6632.16	2645.28	2842.63	136.12	1686443.06	14348232.67	39°30'41.5823"N	80°50'12.5197"W	2845.89	2.742	0.42	0.25	-0.34	
9835.00	90.060	341.700	6631.92	2733.27	2926.27	108.77	1686415.71	14348316.28	39°30'42.4094"N	80°50'12.8668"W	2928.30	2.129	0.48	-0.22	-0.43	

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Seagrave Unit 1H AWP Proj: 22965'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH DATA (269 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
9924.00	89.510	342.000	6632.26	2822.26	3010.84	81.05	1686388.00	14348400.81	39°30'43.2457"N	80°50'13.2185"W	3011.94	1.542	0.70	-0.62	0.34	
10012.00	89.880	341.890	6632.73	2910.25	3094.51	53.77	1686360.74	14348484.45	39°30'44.0731"N	80°50'13.5646"W	3094.98	0.996	0.44	0.42	-0.13	
10101.00	89.600	342.190	6633.13	2999.24	3179.17	26.33	1686333.31	14348569.07	39°30'44.9103"N	80°50'13.9128"W	3179.28	0.475	0.46	-0.31	0.34	
10189.00	89.540	341.610	6633.79	3087.23	3262.82	-1.01	1686305.98	14348652.68	39°30'45.7375"N	80°50'14.2597"W	3262.82	359.982	0.66	-0.07	-0.66	
10278.00	90.000	342.480	6634.15	3176.21	3347.48	-28.44	1686278.56	14348737.31	39°30'46.5748"N	80°50'14.6078"W	3347.60	359.513	1.11	0.52	0.98	
10366.00	90.060	341.760	6634.10	3264.20	3431.23	-55.46	1686251.55	14348821.03	39°30'47.4030"N	80°50'14.9506"W	3431.68	359.074	0.82	0.07	-0.82	
10455.00	89.780	341.600	6634.23	3353.20	3515.72	-83.44	1686223.58	14348905.49	39°30'48.2385"N	80°50'15.3055"W	3516.71	358.640	0.36	-0.31	-0.18	
10543.00	89.970	342.400	6634.42	3441.18	3599.41	-110.63	1686196.40	14348989.14	39°30'49.0661"N	80°50'15.6506"W	3601.11	358.240	0.93	0.22	0.91	
10632.00	90.920	342.680	6633.73	3530.15	3684.31	-137.33	1686169.71	14349074.01	39°30'49.9057"N	80°50'15.9893"W	3686.86	357.865	1.11	1.07	0.31	
10720.00	90.680	342.080	6632.50	3618.12	3768.17	-163.97	1686143.09	14349157.84	39°30'50.7350"N	80°50'16.3273"W	3771.73	357.508	0.73	-0.27	-0.68	
10809.00	90.950	342.400	6631.23	3707.09	3852.92	-191.11	1686115.95	14349242.55	39°30'51.5731"N	80°50'16.6717"W	3857.65	357.160	0.47	0.30	0.36	
10897.00	90.650	341.090	6630.00	3795.08	3936.48	-218.67	1686088.40	14349326.08	39°30'52.3994"N	80°50'17.0214"W	3942.55	356.820	1.53	-0.34	-1.49	
10985.00	90.770	341.230	6628.91	3883.07	4019.76	-247.09	1686060.00	14349409.32	39°30'53.2230"N	80°50'17.3821"W	4027.34	356.483	0.21	0.14	0.16	
11074.00	90.710	340.630	6627.76	3972.06	4103.87	-276.17	1686030.93	14349493.40	39°30'54.0548"N	80°50'17.7511"W	4113.15	356.150	0.68	-0.07	-0.67	
11162.00	90.680	340.720	6626.70	4060.05	4186.90	-305.29	1686001.82	14349576.40	39°30'54.8760"N	80°50'18.1208"W	4198.02	355.830	0.11	-0.03	0.10	
11251.00	90.650	341.380	6625.66	4149.05	4271.07	-334.19	1685972.94	14349660.54	39°30'55.7084"N	80°50'18.4876"W	4284.13	355.526	0.74	-0.03	0.74	
11339.00	90.890	340.450	6624.48	4237.04	4354.23	-362.96	1685944.18	14349743.66	39°30'56.5307"N	80°50'18.8528"W	4369.33	355.235	1.09	0.27	-1.06	
11428.00	90.250	339.290	6623.60	4326.01	4437.78	-393.58	1685913.56	14349827.18	39°30'57.3571"N	80°50'19.2417"W	4455.20	354.932	1.49	-0.72	-1.30	
11517.00	90.520	340.150	6623.00	4414.98	4521.26	-424.43	1685882.73	14349910.63	39°30'58.1827"N	80°50'19.6334"W	4541.14	354.637	1.01	0.30	0.97	
11605.00	90.370	340.550	6622.31	4502.97	4604.14	-454.02	1685853.15	14349993.47	39°30'59.0023"N	80°50'20.0091"W	4626.47	354.368	0.49	-0.17	0.45	
11693.00	90.830	340.790	6621.39	4590.96	4687.17	-483.15	1685824.03	14350076.47	39°30'59.8234"N	80°50'20.3788"W	4712.01	354.115	0.59	0.52	0.27	
11782.00	90.490	341.420	6620.37	4679.96	4771.37	-511.97	1685795.23	14350160.64	39°31'0.6561"N	80°50'20.7446"W	4798.76	353.876	0.80	-0.38	0.71	
11870.00	90.220	340.480	6619.82	4767.95	4854.55	-540.69	1685766.52	14350243.78	39°31'1.4787"N	80°50'21.1092"W	4884.56	353.645	1.11	-0.31	-1.07	
11959.00	90.830	341.230	6619.01	4856.95	4938.62	-569.88	1685737.34	14350327.82	39°31'2.3101"N	80°50'21.4797"W	4971.39	353.418	1.09	0.69	0.84	
12047.00	90.920	340.960	6617.66	4944.94	5021.86	-598.38	1685708.84	14350411.03	39°31'3.1333"N	80°50'21.8416"W	5057.39	353.205	0.32	0.10	-0.31	
12136.00	90.920	340.730	6616.23	5033.93	5105.92	-627.58	1685679.65	14350495.06	39°31'3.9647"N	80°50'22.2123"W	5144.35	352.993	0.26	0.00	-0.26	
12224.00	90.370	341.280	6615.24	5121.92	5189.13	-656.22	1685651.03	14350578.23	39°31'4.7875"N	80°50'22.5758"W	5230.46	352.793	0.88	-0.62	0.62	
12313.00	90.460	341.280	6614.60	5210.92	5273.42	-684.79	1685622.47	14350662.48	39°31'5.6210"N	80°50'22.9384"W	5317.69	352.601	0.10	0.10	0.00	
12401.00	90.340	341.320	6613.98	5298.91	5356.77	-713.00	1685594.27	14350745.80	39°31'6.4453"N	80°50'23.2965"W	5404.01	352.418	0.14	-0.14	0.05	
12490.00	90.890	341.460	6613.03	5387.91	5441.11	-741.40	1685565.88	14350830.11	39°31'7.2794"N	80°50'23.6570"W	5491.39	352.241	0.64	0.62	0.16	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH DATA (269 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
12578.00	90.830	341.540	6611.71	5475.90	5524.55	-769.32	1685537.97	14350913.52	39°31'8.1046"N	80°50'24.0113"W	5577.86	352.072	0.11	-0.07	0.09	
12667.00	90.770	341.200	6610.46	5564.89	5608.88	-797.75	1685509.56	14350997.81	39°31'8.9385"N	80°50'24.3722"W	5665.33	351.905	0.39	-0.07	-0.38	
12755.00	90.710	341.160	6609.33	5652.88	5692.17	-826.14	1685481.18	14351081.07	39°31'9.7622"N	80°50'24.7325"W	5751.81	351.742	0.08	-0.07	-0.05	
12843.00	90.580	341.430	6608.34	5740.87	5775.52	-854.36	1685452.97	14351164.38	39°31'10.5864"N	80°50'25.0907"W	5838.37	351.585	0.34	-0.15	0.31	
12932.00	90.740	340.990	6607.31	5829.87	5859.77	-883.02	1685424.32	14351248.60	39°31'11.4196"N	80°50'25.4546"W	5925.93	351.430	0.53	0.18	-0.49	
13020.00	90.520	341.440	6606.34	5917.86	5943.07	-911.36	1685396.00	14351331.87	39°31'12.2434"N	80°50'25.8143"W	6012.55	351.282	0.57	-0.25	0.51	
13109.00	90.680	341.490	6605.41	6006.85	6027.45	-939.65	1685367.72	14351416.22	39°31'13.0779"N	80°50'26.1733"W	6100.26	351.139	0.19	0.18	0.06	
13197.00	90.430	341.270	6604.56	6094.85	6110.84	-967.74	1685339.63	14351499.57	39°31'13.9025"N	80°50'26.5300"W	6187.00	351.001	0.38	-0.28	-0.25	
13286.00	90.520	340.790	6603.82	6183.84	6195.01	-996.67	1685310.71	14351583.70	39°31'14.7349"N	80°50'26.8973"W	6274.67	350.860	0.55	0.10	-0.54	
13374.00	90.580	340.290	6602.98	6271.84	6277.98	-1025.99	1685281.41	14351666.64	39°31'15.5554"N	80°50'27.2695"W	6361.26	350.718	0.57	0.07	-0.57	
13463.00	90.370	339.830	6602.24	6360.82	6361.64	-1056.34	1685251.07	14351750.27	39°31'16.3828"N	80°50'27.6549"W	6448.74	350.572	0.57	-0.24	-0.52	
13551.00	90.120	339.040	6601.86	6448.78	6444.03	-1087.25	1685220.17	14351832.62	39°31'17.1976"N	80°50'28.0475"W	6535.11	350.423	0.94	-0.28	-0.90	
13639.00	90.830	340.180	6601.13	6536.74	6526.51	-1117.91	1685189.53	14351915.07	39°31'18.0133"N	80°50'28.4368"W	6621.56	350.280	1.53	0.81	1.30	
13728.00	90.490	340.090	6600.11	6625.73	6610.21	-1148.15	1685159.30	14351998.74	39°31'18.8411"N	80°50'28.8208"W	6709.18	350.146	0.40	-0.38	-0.10	
13816.00	90.400	339.740	6599.43	6713.70	6692.85	-1178.37	1685129.09	14352081.35	39°31'19.6584"N	80°50'29.2046"W	6795.80	350.015	0.41	-0.10	-0.40	
13905.00	90.280	339.830	6598.90	6802.68	6776.37	-1209.12	1685098.35	14352164.83	39°31'20.4844"N	80°50'29.5952"W	6883.40	349.883	0.17	-0.13	0.10	
13993.00	90.180	339.580	6598.54	6890.65	6858.91	-1239.64	1685067.84	14352247.34	39°31'21.3006"N	80°50'29.9828"W	6970.03	349.755	0.31	-0.11	-0.28	
14082.00	90.490	339.090	6598.02	6979.61	6942.18	-1271.05	1685036.44	14352330.58	39°31'22.1242"N	80°50'30.3817"W	7057.58	349.625	0.65	0.35	-0.55	
14170.00	90.180	339.640	6597.51	7067.57	7024.53	-1302.06	1685005.44	14352412.90	39°31'22.9386"N	80°50'30.7756"W	7144.19	349.499	0.72	-0.35	0.62	
14259.00	90.370	338.920	6597.08	7156.52	7107.77	-1333.55	1684973.97	14352496.10	39°31'23.7619"N	80°50'31.1756"W	7231.79	349.374	0.84	0.21	-0.81	
14347.00	90.740	340.170	6596.23	7244.48	7190.22	-1364.30	1684943.23	14352578.52	39°31'24.5772"N	80°50'31.5661"W	7318.51	349.256	1.48	0.42	1.42	
14436.00	90.000	340.210	6595.66	7333.47	7273.95	-1394.46	1684913.08	14352662.21	39°31'25.4053"N	80°50'31.9492"W	7406.41	349.148	0.83	-0.83	0.04	
14524.00	90.520	340.340	6595.26	7421.46	7356.78	-1424.16	1684883.39	14352745.02	39°31'26.2245"N	80°50'32.3263"W	7493.36	349.044	0.61	0.59	0.15	
14613.00	90.430	339.960	6594.52	7510.44	7440.49	-1454.38	1684853.18	14352828.69	39°31'27.0523"N	80°50'32.7101"W	7581.30	348.940	0.44	-0.10	-0.43	
14701.00	90.580	340.480	6593.74	7598.43	7523.30	-1484.16	1684823.42	14352911.46	39°31'27.8712"N	80°50'33.0882"W	7668.29	348.840	0.61	0.17	0.59	
14790.00	90.580	339.910	6592.84	7687.41	7607.03	-1514.32	1684793.28	14352995.16	39°31'28.6993"N	80°50'33.4712"W	7756.29	348.741	0.64	0.00	-0.64	
14878.00	90.490	339.730	6592.02	7775.39	7689.62	-1544.67	1684762.93	14353077.72	39°31'29.5161"N	80°50'33.8567"W	7843.23	348.642	0.23	-0.10	-0.20	
14966.00	90.550	340.180	6591.22	7863.36	7772.29	-1574.83	1684732.78	14353160.35	39°31'30.3337"N	80°50'34.2398"W	7930.23	348.546	0.52	0.07	0.51	
15055.00	90.830	340.370	6590.15	7952.35	7856.06	-1604.87	1684702.76	14353244.09	39°31'31.1621"N	80°50'34.6212"W	8018.31	348.454	0.38	0.31	0.21	
15143.00	90.250	339.940	6589.32	8040.33	7938.83	-1634.74	1684672.90	14353326.83	39°31'31.9807"N	80°50'35.0006"W	8105.39	348.364	0.82	-0.66	-0.49	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH DATA (269 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
15232.00	90.580	339.390	6588.68	8129.30	8022.28	-1665.67	1684641.98	14353410.25	39°31'32.8060"N	80°50'35.3934"W	8193.38	348.270	0.72	0.37	-0.62	
15320.00	90.650	340.540	6587.73	8217.28	8104.95	-1695.82	1684611.85	14353492.88	39°31'33.6235"N	80°50'35.7763"W	8280.46	348.182	1.31	0.08	1.31	
15409.00	90.680	340.550	6586.70	8306.27	8188.86	-1725.46	1684582.22	14353576.76	39°31'34.4534"N	80°50'36.1527"W	8368.67	348.101	0.04	0.03	0.01	
15497.00	90.460	339.710	6585.82	8394.25	8271.62	-1755.36	1684552.32	14353659.48	39°31'35.2718"N	80°50'36.5325"W	8455.82	348.019	0.99	-0.25	-0.95	
15585.00	90.400	340.020	6585.16	8482.23	8354.24	-1785.66	1684522.05	14353742.07	39°31'36.0889"N	80°50'36.9172"W	8542.94	347.935	0.36	-0.07	0.35	
15674.00	90.490	340.220	6584.47	8571.21	8437.93	-1815.92	1684491.79	14353825.73	39°31'36.9166"N	80°50'37.3016"W	8631.12	347.855	0.25	0.10	0.22	
15762.00	90.150	340.880	6583.98	8659.20	8520.91	-1845.22	1684462.50	14353908.67	39°31'37.7371"N	80°50'37.6737"W	8718.41	347.781	0.84	-0.39	0.75	
15851.00	90.150	341.270	6583.75	8748.20	8605.09	-1874.09	1684433.65	14353992.83	39°31'38.5697"N	80°50'38.0402"W	8806.81	347.714	0.44	0.00	0.44	
15939.00	90.090	340.870	6583.56	8836.20	8688.34	-1902.64	1684405.11	14354076.04	39°31'39.3929"N	80°50'38.4027"W	8894.22	347.648	0.46	-0.07	-0.45	
16028.00	90.220	341.230	6583.32	8925.20	8772.51	-1931.54	1684376.22	14354160.18	39°31'40.2253"N	80°50'38.7697"W	8982.64	347.583	0.43	0.15	0.40	
16116.00	90.120	341.060	6583.06	9013.20	8855.79	-1959.98	1684347.79	14354243.42	39°31'41.0488"N	80°50'39.1308"W	9070.09	347.520	0.22	-0.11	-0.19	
16204.00	90.120	341.240	6582.88	9101.20	8939.07	-1988.41	1684319.37	14354326.67	39°31'41.8724"N	80°50'39.4918"W	9157.55	347.459	0.20	0.00	0.20	
16293.00	90.370	341.760	6582.50	9190.20	9023.47	-2016.65	1684291.15	14354411.04	39°31'42.7070"N	80°50'39.8503"W	9246.07	347.402	0.65	0.28	0.58	
16381.00	89.910	340.980	6582.28	9278.20	9106.86	-2044.76	1684263.05	14354494.39	39°31'43.5317"N	80°50'40.2072"W	9333.59	347.345	1.03	-0.52	-0.89	
16470.00	90.250	341.270	6582.16	9367.20	9191.07	-2073.55	1684234.26	14354578.57	39°31'44.3645"N	80°50'40.5728"W	9422.07	347.287	0.50	0.38	0.33	
16558.00	89.750	341.130	6582.16	9455.20	9274.37	-2101.91	1684205.92	14354661.84	39°31'45.1883"N	80°50'40.9329"W	9509.58	347.230	0.59	-0.57	-0.16	
16647.00	90.650	341.060	6581.85	9544.19	9358.57	-2130.75	1684177.09	14354746.01	39°31'46.0209"N	80°50'41.2990"W	9598.07	347.174	1.01	1.01	-0.08	
16735.00	90.550	341.140	6580.92	9632.19	9441.82	-2159.25	1684148.60	14354829.22	39°31'46.8442"N	80°50'41.6610"W	9685.58	347.119	0.15	-0.11	0.09	
16824.00	90.370	341.220	6580.21	9721.19	9526.06	-2187.96	1684119.90	14354913.43	39°31'47.6772"N	80°50'42.0255"W	9774.10	347.065	0.22	-0.20	0.09	
16912.00	90.400	340.970	6579.62	9809.18	9609.31	-2216.47	1684091.40	14354996.65	39°31'48.5005"N	80°50'42.3876"W	9861.63	347.011	0.29	0.03	-0.28	
17000.00	90.220	340.640	6579.14	9897.18	9692.42	-2245.40	1684062.48	14355079.72	39°31'49.3224"N	80°50'42.7550"W	9949.11	346.957	0.43	-0.20	-0.38	
17089.00	90.460	340.980	6578.61	9986.18	9776.47	-2274.66	1684033.24	14355163.74	39°31'50.1536"N	80°50'43.1265"W	10037.60	346.902	0.47	0.27	0.38	
17177.00	90.650	340.960	6577.76	10074.17	9859.66	-2303.35	1684004.56	14355246.89	39°31'50.9762"N	80°50'43.4908"W	10125.13	346.851	0.22	0.22	-0.02	
17266.00	90.280	340.360	6577.04	10163.17	9943.63	-2332.82	1683975.10	14355330.83	39°31'51.8067"N	80°50'43.8652"W	10213.61	346.797	0.79	-0.42	-0.67	
17354.00	90.620	340.800	6576.35	10251.16	10026.62	-2362.08	1683945.85	14355413.79	39°31'52.6274"N	80°50'44.2367"W	10301.10	346.744	0.63	0.39	0.50	
17443.00	90.550	340.820	6575.44	10340.16	10110.67	-2391.33	1683916.61	14355497.81	39°31'53.4586"N	80°50'44.6082"W	10389.62	346.693	0.08	-0.08	0.02	
17531.00	90.490	340.970	6574.64	10428.15	10193.82	-2420.14	1683887.82	14355580.92	39°31'54.2809"N	80°50'44.9740"W	10477.17	346.645	0.18	-0.07	0.17	
17620.00	90.550	341.160	6573.83	10517.15	10278.00	-2449.01	1683858.95	14355665.07	39°31'55.1133"N	80°50'45.3407"W	10565.75	346.598	0.22	0.07	0.21	
17708.00	90.580	341.140	6572.96	10605.14	10361.28	-2477.44	1683830.53	14355748.31	39°31'55.9369"N	80°50'45.7018"W	10653.35	346.553	0.04	0.03	-0.02	
17797.00	90.310	340.660	6572.27	10694.14	10445.38	-2506.57	1683801.42	14355832.38	39°31'56.7685"N	80°50'46.0716"W	10741.92	346.506	0.62	-0.30	-0.54	

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Seagrave Unit 1H
Field	Tyler		API	47-095-02697-0000
Facility	Pyles Pad		Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07			

WELLPATH DATA (269 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
17885.00	90.520	341.180	6571.64	10782.14	10528.54	-2535.33	1683772.67	14355915.51	39°31'57.5909"N	80°50'46.4369"W	10829.50	346.461	0.64	0.24	0.59	
17974.00	90.370	339.950	6570.94	10871.13	10612.47	-2564.94	1683743.07	14355999.40	39°31'58.4209"N	80°50'46.8130"W	10918.03	346.413	1.39	-0.17	-1.38	
18062.00	90.680	340.580	6570.14	10959.12	10695.29	-2594.66	1683713.37	14356082.19	39°31'59.2400"N	80°50'47.1904"W	11005.52	346.364	0.80	0.35	0.72	
18151.00	90.800	340.910	6568.99	11048.11	10779.31	-2624.00	1683684.03	14356166.17	39°32'0.0708"N	80°50'47.5632"W	11094.09	346.319	0.39	0.13	0.37	
18239.00	90.520	340.730	6567.98	11136.10	10862.42	-2652.91	1683655.13	14356249.25	39°32'0.8927"N	80°50'47.9303"W	11181.68	346.275	0.38	-0.32	-0.20	
18328.00	90.250	340.810	6567.38	11225.10	10946.45	-2682.23	1683625.83	14356333.25	39°32'1.7237"N	80°50'48.3026"W	11270.27	346.232	0.32	-0.30	0.09	
18416.00	90.650	341.070	6566.69	11313.09	11029.62	-2710.96	1683597.11	14356416.39	39°32'2.5462"N	80°50'48.6675"W	11357.90	346.191	0.54	0.45	0.30	
18505.00	90.120	340.520	6566.09	11402.09	11113.67	-2740.24	1683567.84	14356500.40	39°32'3.3773"N	80°50'49.0394"W	11446.51	346.149	0.86	-0.60	-0.62	
18593.00	90.370	340.960	6565.71	11490.09	11196.74	-2769.27	1683538.83	14356583.44	39°32'4.1989"N	80°50'49.4080"W	11534.12	346.108	0.58	0.28	0.50	
18682.00	90.710	340.780	6564.87	11579.08	11280.82	-2798.43	1683509.68	14356667.49	39°32'5.0304"N	80°50'49.7785"W	11622.74	346.068	0.43	0.38	-0.20	
18770.00	90.650	341.150	6563.83	11667.07	11364.00	-2827.13	1683480.99	14356750.64	39°32'5.8530"N	80°50'50.1429"W	11710.39	346.030	0.43	-0.07	0.42	
18859.00	90.550	341.450	6562.90	11756.07	11448.30	-2855.66	1683452.47	14356834.90	39°32'6.6866"N	80°50'50.5053"W	11799.08	345.994	0.36	-0.11	0.34	
18947.00	90.830	341.230	6561.84	11844.06	11531.67	-2883.82	1683424.32	14356918.23	39°32'7.5110"N	80°50'50.8628"W	11886.79	345.960	0.40	0.32	-0.25	
19035.00	90.830	341.350	6560.56	11932.05	11615.01	-2912.04	1683396.11	14357001.54	39°32'8.3351"N	80°50'51.2213"W	11974.49	345.925	0.14	0.00	0.14	
19124.00	90.800	341.280	6559.30	12021.04	11699.31	-2940.55	1683367.61	14357085.81	39°32'9.1688"N	80°50'51.5833"W	12063.20	345.891	0.09	-0.03	-0.08	
19212.00	90.550	341.230	6558.26	12109.04	11782.64	-2968.83	1683339.35	14357169.10	39°32'9.9928"N	80°50'51.9424"W	12150.90	345.858	0.29	-0.28	-0.06	
19301.00	90.830	341.190	6557.19	12198.03	11866.89	-2997.49	1683310.69	14357253.32	39°32'10.8260"N	80°50'52.3065"W	12239.61	345.824	0.32	0.31	-0.04	
19389.00	90.400	340.550	6556.24	12286.02	11950.02	-3026.33	1683281.87	14357336.42	39°32'11.6481"N	80°50'52.6727"W	12327.27	345.789	0.88	-0.49	-0.73	
19478.00	91.200	339.820	6555.00	12375.00	12033.74	-3056.50	1683251.71	14357420.11	39°32'12.4760"N	80°50'53.0559"W	12415.84	345.749	1.22	0.90	-0.82	
19566.00	91.480	341.340	6552.94	12462.97	12116.71	-3085.75	1683222.47	14357503.04	39°32'13.2965"N	80°50'53.4275"W	12503.46	345.712	1.76	0.32	1.73	
19655.00	91.140	341.190	6550.91	12551.95	12200.97	-3114.32	1683193.91	14357587.27	39°32'14.1298"N	80°50'53.7904"W	12592.17	345.681	0.42	-0.38	-0.17	
19744.00	90.340	340.700	6549.76	12640.94	12285.09	-3143.38	1683164.87	14357671.35	39°32'14.9616"N	80°50'54.1595"W	12680.86	345.648	1.05	-0.90	-0.55	
19832.00	90.620	341.240	6549.02	12728.93	12368.28	-3172.07	1683136.18	14357754.51	39°32'15.7842"N	80°50'54.5239"W	12768.57	345.615	0.69	0.32	0.61	
19921.00	90.710	341.460	6547.99	12817.93	12452.60	-3200.53	1683107.74	14357838.79	39°32'16.6181"N	80°50'54.8853"W	12857.32	345.586	0.27	0.10	0.25	
20009.00	90.400	341.040	6547.14	12905.92	12535.92	-3228.82	1683079.46	14357922.09	39°32'17.4421"N	80°50'55.2446"W	12945.06	345.557	0.59	-0.35	-0.48	
20098.00	90.250	340.810	6546.63	12994.92	12620.03	-3257.90	1683050.39	14358006.16	39°32'18.2739"N	80°50'55.6140"W	13033.77	345.525	0.31	-0.17	-0.26	
20186.00	90.280	340.770	6546.22	13082.92	12703.13	-3286.85	1683021.45	14358089.23	39°32'19.0956"N	80°50'55.9818"W	13121.47	345.493	0.06	0.03	-0.05	
20275.00	90.280	341.340	6545.79	13171.92	12787.31	-3315.75	1682992.56	14358173.37	39°32'19.9281"N	80°50'56.3488"W	13210.21	345.463	0.64	0.00	0.64	
20363.00	90.310	341.590	6545.34	13259.91	12870.75	-3343.72	1682964.60	14358256.78	39°32'20.7531"N	80°50'56.7040"W	13297.99	345.437	0.29	0.03	0.28	
20452.00	90.280	341.360	6544.88	13348.91	12955.13	-3372.00	1682936.34	14358341.13	39°32'21.5876"N	80°50'57.0632"W	13386.78	345.411	0.26	-0.03	-0.26	

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Actual Wellpath Report

Seagrave Unit 1H AWP Proj: 22965'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH DATA (269 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
20540.00	90.280	341.440	6544.45	13436.91	13038.54	-3400.07	1682908.28	14358424.50	39°32'22.4124"N	80°50'57.4196"W	13474.56	345.384	0.09	0.00	0.09	
20629.00	90.220	340.760	6544.06	13525.91	13122.74	-3428.90	1682879.46	14358508.66	39°32'23.2450"N	80°50'57.7858"W	13563.32	345.356	0.77	-0.07	-0.76	
20717.00	90.370	341.270	6543.61	13613.91	13205.95	-3457.52	1682850.85	14358591.84	39°32'24.0679"N	80°50'58.1494"W	13651.06	345.328	0.60	0.17	0.58	
20806.00	90.250	341.210	6543.12	13702.90	13290.22	-3486.15	1682822.24	14358676.08	39°32'24.9012"N	80°50'58.5130"W	13739.84	345.302	0.15	-0.13	-0.07	
20894.00	89.940	340.850	6542.98	13790.90	13373.44	-3514.75	1682793.64	14358759.27	39°32'25.7242"N	80°50'58.8763"W	13827.59	345.275	0.54	-0.35	-0.41	
20983.00	90.030	341.190	6543.00	13879.90	13457.60	-3543.70	1682764.71	14358843.39	39°32'26.5565"N	80°50'59.2440"W	13916.35	345.248	0.40	0.10	0.38	
21071.00	89.910	341.020	6543.05	13967.90	13540.86	-3572.20	1682736.22	14358926.62	39°32'27.3798"N	80°50'59.6060"W	14004.12	345.222	0.24	-0.14	-0.19	
21160.00	90.090	342.130	6543.05	14056.90	13625.29	-3600.32	1682708.10	14359011.02	39°32'28.2148"N	80°50'59.9632"W	14092.94	345.199	1.26	0.20	1.25	
21248.00	90.000	341.210	6542.98	14144.89	13708.83	-3628.00	1682680.44	14359094.52	39°32'29.0408"N	80°51'0.3147"W	14180.77	345.177	1.05	-0.10	-1.05	
21336.00	89.970	341.460	6543.00	14232.89	13792.20	-3656.16	1682652.29	14359177.86	39°32'29.8653"N	80°51'0.6724"W	14268.58	345.153	0.29	-0.03	0.28	
21425.00	90.180	341.150	6542.89	14321.89	13876.50	-3684.69	1682623.77	14359262.13	39°32'30.6989"N	80°51'1.0347"W	14357.38	345.129	0.42	0.24	-0.35	
21513.00	89.820	340.750	6542.89	14409.89	13959.68	-3713.41	1682595.06	14359345.28	39°32'31.5215"N	80°51'1.3996"W	14445.14	345.104	0.61	-0.41	-0.45	
21602.00	89.780	340.810	6543.20	14498.89	14043.72	-3742.71	1682565.77	14359429.28	39°32'32.3526"N	80°51'1.7718"W	14533.89	345.077	0.08	-0.04	0.07	
21690.00	90.060	341.300	6543.32	14586.89	14126.96	-3771.28	1682537.21	14359512.48	39°32'33.1756"N	80°51'2.1347"W	14621.68	345.053	0.64	0.32	0.56	
21779.00	90.550	342.080	6542.85	14675.88	14211.45	-3799.24	1682509.27	14359596.94	39°32'34.0112"N	80°51'2.4898"W	14710.52	345.033	1.03	0.55	0.88	
21867.00	90.830	341.580	6541.79	14763.87	14295.05	-3826.68	1682481.84	14359680.51	39°32'34.8379"N	80°51'2.8383"W	14798.38	345.014	0.65	0.32	-0.57	
21956.00	90.620	341.380	6540.66	14852.86	14379.44	-3854.95	1682453.58	14359764.86	39°32'35.6724"N	80°51'3.1973"W	14887.20	344.993	0.33	-0.24	-0.22	
22044.00	90.680	340.410	6539.66	14940.85	14462.58	-3883.75	1682424.79	14359847.98	39°32'36.4946"N	80°51'3.5632"W	14974.97	344.969	1.10	0.07	-1.10	
22133.00	90.580	340.800	6538.68	15029.84	14546.53	-3913.30	1682395.25	14359931.89	39°32'37.3247"N	80°51'3.9387"W	15063.71	344.943	0.45	-0.11	0.44	
22221.00	90.520	340.720	6537.84	15117.84	14629.61	-3942.30	1682366.27	14360014.94	39°32'38.1463"N	80°51'4.3071"W	15151.47	344.919	0.11	-0.07	-0.09	
22309.00	90.310	340.300	6537.20	15205.83	14712.56	-3971.66	1682336.92	14360097.86	39°32'38.9667"N	80°51'4.6801"W	15239.21	344.893	0.53	-0.24	-0.48	
22398.00	89.690	339.660	6537.20	15294.81	14796.18	-4002.13	1682306.46	14360181.45	39°32'39.7936"N	80°51'5.0672"W	15327.89	344.865	1.00	-0.70	-0.72	
22486.00	90.650	340.510	6536.94	15382.80	14878.92	-4032.10	1682276.50	14360264.15	39°32'40.6118"N	80°51'5.4481"W	15415.58	344.837	1.46	1.09	0.97	
22575.00	90.430	340.250	6536.10	15471.78	14962.75	-4061.98	1682246.63	14360347.94	39°32'41.4408"N	80°51'5.8278"W	15504.31	344.812	0.38	-0.25	-0.29	
22663.00	90.400	340.520	6535.46	15559.78	15045.64	-4091.52	1682217.10	14360430.80	39°32'42.2605"N	80°51'6.2031"W	15592.04	344.787	0.31	-0.03	0.31	
22752.00	90.120	340.670	6535.06	15648.77	15129.58	-4121.09	1682187.54	14360514.71	39°32'43.0906"N	80°51'6.5788"W	15680.81	344.763	0.36	-0.31	0.17	
22840.00	90.120	340.900	6534.88	15736.77	15212.68	-4150.05	1682158.59	14360597.77	39°32'43.9124"N	80°51'6.9468"W	15768.60	344.741	0.26	0.00	0.26	
22929.00	90.150	341.070	6534.67	15825.77	15296.82	-4179.05	1682129.61	14360681.88	39°32'44.7444"N	80°51'7.3152"W	15857.41	344.720	0.19	0.03	0.19	
22965.00†	90.150	341.070	6534.57	15861.77	15330.88	-4190.73	1682117.93	14360715.92	39°32'45.0812"N	80°51'7.4635"W	15893.33	344.712	0.00	0.00	0.00	Projected MD at TD: 22965'

HOLE & CASING SECTIONS - Ref Wellbore: Seagrave Unit 1H AWB Ref Wellpath: Seagrave Unit 1H AWP Proj: 22965'

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	105.50	80.00	25.50	105.50	0.00	0.00	-0.24	-0.32
17.5in Open Hole	105.50	391.00	285.50	105.50	390.99	-0.24	-0.32	-1.77	-2.05
13.375in Casing Surface	25.50	371.70	346.20	25.50	371.69	0.00	0.00	-1.69	-2.02
12.25in Open Hole	391.00	2692.00	2301.00	390.99	2655.27	-1.77	-2.05	-94.11	359.14
9.625in Casing Intermediate	25.50	2671.50	2646.00	25.50	2635.22	0.00	0.00	-93.12	355.00
8.75in Open Hole	2692.00	5969.00	3277.00	2655.27	5851.22	-94.11	359.14	-305.53	1043.51
8.5in Open Hole	5969.00	22965.00	16996.00	5851.22	6534.57	-305.53	1043.51	15330.88	-4190.73
5.5in Casing Production	25.50	22965.00	22939.50	25.50	6534.57	0.00	0.00	15330.88	-4190.73

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TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Seagrave Unit 1H POE Rev-2	6623.00	259.79	1002.93	1687309.52	14345650.86	39°30'16.0395"N	80°50'1.5211"W	point
Seagrave Unit 1H BHL Rev-2	6646.00	15388.99	-4177.87	1682130.79	14360774.01	39°32'45.6553"N	80°51'7.2981"W	point
Seagrave Unit 1H LP Rev-2	6646.00	430.13	944.60	1687251.22	14345821.13	39°30'17.7240"N	80°50'2.2612"W	point
Seagrave Unit 1H 50' L/R Hard Line	7000.00	7824.39	-1587.47	1684720.16	14353212.44	39°31'30.8488"N	80°50'34.3998"W	rectangle
	2D Rectangle 15991.7 x 100.							

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Actual Wellpath Report

Seagrave Unit 1H AWP Proj: 22965'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

WELLPATH COMPOSITION - Ref Wellbore: Seagrave Unit 1H AWB Ref Wellpath: Seagrave Unit 1H AWP Proj: 22965'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	382.00	Gyrodata 2015 - GC+WIR+DPIPE	01_Gyrodata MS Gyro <17-1/2"> (100'-382')	Seagrave Unit 1H AWB	16/Aug/2020
382.00	484.00	Gyrodata 2015 - GC+WIR+DPIPE	02_Gyrodata MS Gyro <12-1/4"> (382')(484')	Seagrave Unit 1H AWB	18/Aug/2020
484.00	2614.00	BH NaviTrak (2019) (Axial)	03_APS EM <12-1/4"> (484')(598'-2614')	Seagrave Unit 1H AWB	16/Aug/2020
2614.00	5903.00	BH NaviTrak (2019) (Axial)	04_APS EM <8-3/4"> (2614')(2716'-5903')	Seagrave Unit 1H AWB	09/Sep/2020
5903.00	22965.00	BH AutoTrak Curve (2019) (Short spacing)	05_BH AT Curve <8-1/2"> (5903')(5946'-22929')	Seagrave Unit 1H AWB	09/Sep/2020

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Seagrave Unit 1H
Field	Tyler	API	47-095-02697-0000
Facility	Pyles Pad	Wellbore	Seagrave Unit 1H AWB
Slot	Slot #07		

COMMENTS
<p>Wellpath general comments API: 47-095-02697-0000 BH Job #: 110531823-B Rig: H&P 317 Duration: 9/12/2020-9/17/2020 Gyrodatta MS Gyro <17-1/2"> (100'-382') Gyrodatta MS Gyro <12-1/4"> (382')(484') APS EM <12-1/4"> (484')(598'-2614') APS EM <8-3/4"> (2614')(2716'-5903') BH AT Curve <8-1/2"> (5903')(5946'-22929') Sycamore: 6492' MD Middlesex: 6641' MD Burkett: 6808' MD Tully: 6862' MD Marcellus POE: 7034' MD Projected MD at TD: 22965'</p>

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