



ANTERO RESOURCES CORPORATION

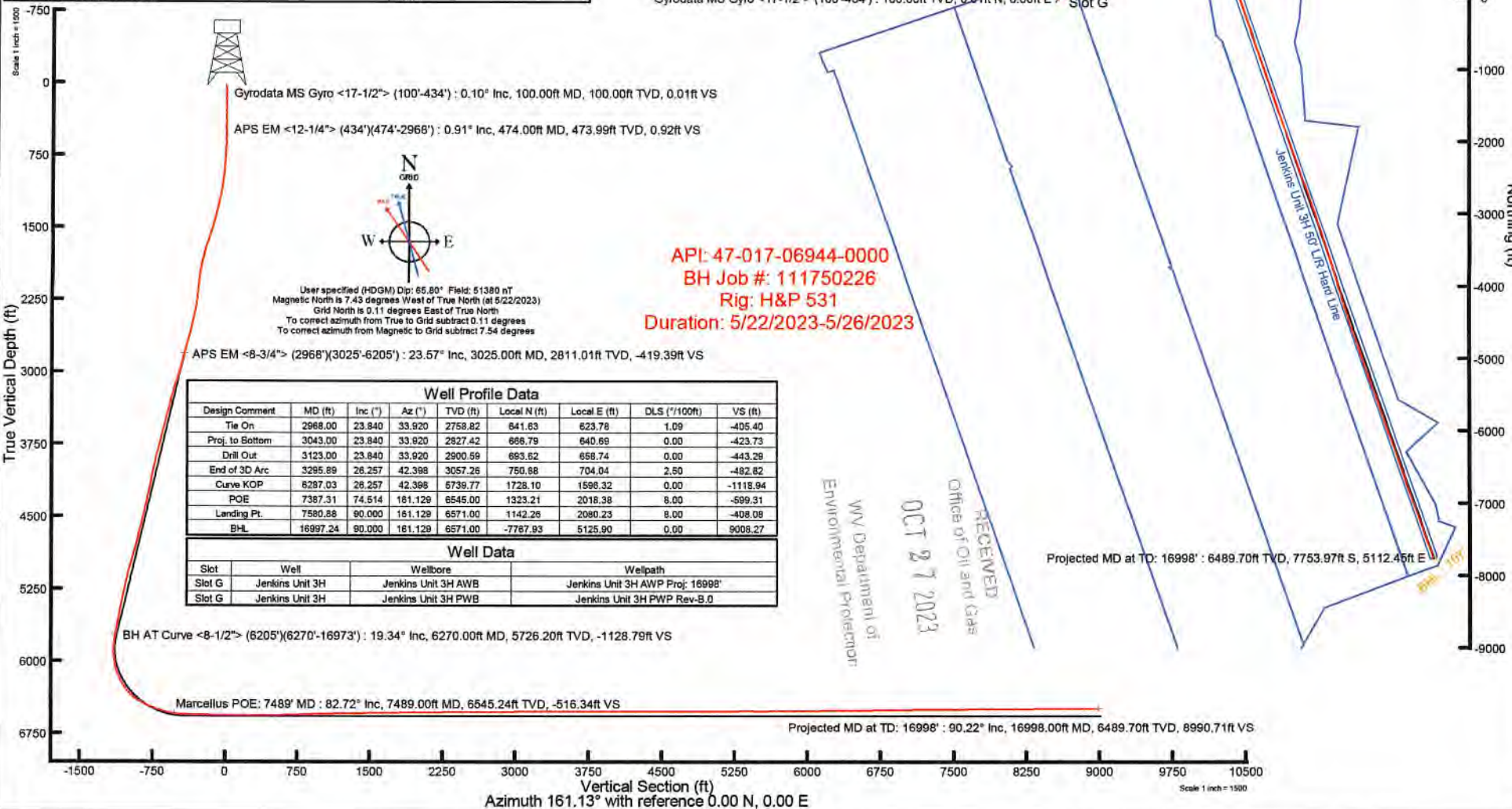
Location: Doddridge Co., WV
 Field: Doddridge
 Facility: Locke Pad

Slot: Slot G
 Well: Jenkins Unit 3H
 Wellbore: Jenkins Unit 3H PWB



Plot reference wellpath is Jenkins Unit 3H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 531 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 531 (RKB)	Scale: True distance
H&P 531 (RKB) to Mean Sea Level: 1130 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot G): -1100 feet	Depths are in feet
Other wellpath MDs are referenced to each path's default MD datum	Created by: arbitrary on 2023-05-30; Database: WA MPL, EASTERNUS, Deth

Location Information				
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Locke Pad	1687522.330	14226577.530	39°10'38.8900"N	80°50'1.5999"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Slot G	70.92	54.99	1687577.300	14226648.420
			39°10'39.3900"N	80°50'0.9000"W
Comment: Jenkins Unit 3H				
H&P 531 (RKB) to Ground level (At Slot: Slot G)	30ft			
Mean Sea Level to Ground level (At Slot: Slot G)	-1100ft			
H&P 531 (RKB) to Mean Sea Level	1130ft			



API: 47-017-06944-0000
 BH Job #: 111750226
 Rig: H&P 531
 Duration: 5/22/2023-5/26/2023

Well Profile Data								
Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	2968.00	23.840	33.920	2758.82	841.63	623.78	1.09	-405.40
Proj. to Bottom	3043.00	23.840	33.920	2827.42	698.79	640.69	0.00	-423.73
Drill Out	3123.00	23.840	33.920	2900.59	683.62	658.74	0.00	-443.29
End of 3D Arc	3295.89	26.257	42.398	3057.26	750.88	704.04	2.50	-482.82
Curve KOP	6287.03	26.257	42.398	5739.77	1728.10	1598.32	0.00	-1118.94
POE	7387.31	74.514	161.129	6545.00	1323.21	2018.38	8.00	-599.31
Landing Pt.	7580.88	90.000	161.129	6571.00	1142.26	2080.23	8.00	-408.08
BHL	16997.24	90.000	161.129	-7767.93	5125.90	0.00	0.00	9008.27

Well Data			
Slot	Well	Wellbore	Wellpath
Slot G	Jenkins Unit 3H	Jenkins Unit 3H AWB	Jenkins Unit 3H AWP Proj: 16998'
Slot G	Jenkins Unit 3H	Jenkins Unit 3H PWB	Jenkins Unit 3H PWP Rev-B.0

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Vertical Section (ft)
 Azimuth 161.13° with reference 0.00 N, 0.00 E



Actual Wellpath Report

Jenkins Unit 3H AWP Proj: 16998'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 3H
Field	Doddridge	API	47-017-06944-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 3H AWB
Slot	Slot G		

REPORT SETUP INFORMATION			
Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999603	Report Generated	5/30/2023 at 5:11:15 PM
Convergence at slot	0.11° 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	70.92	54.99	1687577.30	14226648.42	39°10'39.3900"N	80°50'0.9000"W
Facility Reference Pt			1687522.33	14226577.53	39°10'38.6900"N	80°50'1.5999"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

WELLPATH DATUM			
Calculation method	Minimum curvature	H&P 531 (RKB) to Facility Vertical Datum	1130.00ft
Horizontal Reference Pt	Slot	H&P 531 (RKB) to Mean Sea Level	1130.00ft
Vertical Reference Pt	H&P 531 (RKB)	H&P 531 (RKB) to Ground Level at Slot (Slot G)	30.00ft
MD Reference Pt	H&P 531 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	161.13°

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REFERENCE WELLPATH IDENTIFICATION				
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Field	Doddridge		API	47-017-06944-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 3H AWP
Slot	Slot G			

WELLPATH DATA (192 stations) † = interpolated, ‡ = extrapolated station																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
0.00	0.00	78.810	0.00	0.00	0.00	0.00	1687577.30	14226648.42	39°10'39.3900"N	80°50'0.9000"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.00	78.810	30.00	0.00	0.00	0.00	1687577.30	14226648.42	39°10'39.3900"N	80°50'0.9000"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.10	78.810	100.00	0.01	0.01	0.06	1687577.36	14226648.43	39°10'39.3901"N	80°50'0.8992"W	0.06	78.810	0.14	0.14	0.00	Gyrodata MS Gyro <17-1/2"> (100'-434')
200.00	0.19	63.330	200.00	0.00	0.10	0.29	1687577.59	14226648.52	39°10'39.3910"N	80°50'0.8963"W	0.31	70.637	0.10	0.09	-15.48	
300.00	0.35	164.890	300.00	0.28	-0.12	0.52	1687577.82	14226648.30	39°10'39.3888"N	80°50'0.8934"W	0.53	102.670	0.43	0.16	101.56	
400.00	0.45	224.550	400.00	0.76	-0.69	0.33	1687577.63	14226647.73	39°10'39.3831"N	80°50'0.8959"W	0.76	154.800	0.41	0.10	59.66	
434.00	0.59	238.810	434.00	0.86	-0.88	0.08	1687577.38	14226647.54	39°10'39.3813"N	80°50'0.8990"W	0.88	174.650	0.56	0.41	41.94	
474.00	0.91	246.930	473.99	0.92	-1.11	-0.39	1687576.91	14226647.31	39°10'39.3790"N	80°50'0.9049"W	1.17	199.203	0.84	0.80	20.30	APS EM <12-1/4"> (434')(474'-2968')
563.00	0.33	34.700	562.99	0.82	-1.18	-0.89	1687576.41	14226647.25	39°10'39.3784"N	80°50'0.9113"W	1.47	217.156	1.35	-0.65	166.03	
653.00	3.10	39.790	652.94	-0.60	0.91	0.81	1687578.11	14226649.33	39°10'39.3989"N	80°50'0.8896"W	1.22	41.892	3.08	3.08	5.66	
744.00	5.43	34.050	743.68	-4.47	6.37	4.80	1687582.10	14226654.78	39°10'39.4528"N	80°50'0.8389"W	7.97	37.016	2.60	2.56	-6.31	
835.00	8.25	40.670	834.03	-10.38	14.89	11.47	1687588.76	14226663.30	39°10'39.5369"N	80°50'0.7540"W	18.79	37.605	3.21	3.10	7.27	
926.00	11.20	39.590	923.71	-18.31	26.65	21.36	1687598.65	14226675.06	39°10'39.6530"N	80°50'0.6282"W	34.15	38.705	3.25	3.24	-1.19	
1017.00	13.19	39.770	1012.65	-28.34	41.45	33.63	1687610.92	14226689.85	39°10'39.7990"N	80°50'0.4719"W	53.37	39.059	2.19	2.19	0.20	
1111.00	16.79	39.490	1103.44	-41.05	60.17	49.13	1687626.41	14226708.57	39°10'39.9838"N	80°50'0.2747"W	77.68	39.232	3.83	3.83	-0.30	
1206.00	20.00	36.830	1193.57	-57.41	83.77	67.60	1687644.87	14226732.16	39°10'40.2167"N	80°50'0.0396"W	107.65	38.903	3.49	3.38	-2.80	
1301.00	22.63	36.470	1282.07	-76.96	111.48	88.21	1687665.47	14226759.85	39°10'40.4902"N	80°49'59.7773"W	142.15	38.353	2.77	2.77	-0.38	
1395.00	24.85	35.450	1368.11	-98.77	142.11	110.42	1687687.67	14226790.48	39°10'40.7926"N	80°49'59.4946"W	179.97	37.845	2.40	2.36	-1.09	
1490.00	27.68	34.820	1453.29	-123.48	176.50	134.60	1687711.84	14226824.85	39°10'41.1320"N	80°49'59.1867"W	221.96	37.329	2.99	2.98	-0.66	
1584.00	29.32	36.560	1535.90	-149.47	212.91	160.78	1687738.01	14226861.25	39°10'41.4914"N	80°49'58.8534"W	266.80	37.058	1.96	1.74	1.85	
1679.00	33.49	39.220	1616.97	-176.54	251.92	191.22	1687768.44	14226900.24	39°10'41.8764"N	80°49'58.4659"W	316.27	37.200	4.62	4.39	2.80	
1774.00	34.78	44.680	1695.62	-202.47	291.50	226.85	1687804.06	14226939.81	39°10'42.2670"N	80°49'58.0125"W	369.37	37.891	3.50	1.36	5.75	
1869.00	35.22	47.750	1773.44	-225.41	329.19	266.19	1687843.38	14226977.48	39°10'42.6388"N	80°49'57.5122"W	423.34	38.959	1.91	0.46	3.23	
1964.00	34.59	52.980	1851.37	-244.68	363.85	308.00	1687885.18	14227012.13	39°10'42.9806"N	80°49'56.9803"W	476.71	40.248	3.22	-0.66	5.51	
2058.00	30.94	58.970	1930.42	-258.09	392.39	350.04	1687927.20	14227040.65	39°10'43.2619"N	80°49'56.4459"W	525.83	41.735	5.19	-3.88	6.37	
2153.00	28.57	58.810	2012.89	-268.08	416.75	390.40	1687967.55	14227065.00	39°10'43.5019"N	80°49'55.9327"W	571.05	43.131	2.50	-2.49	-0.17	
2248.00	22.81	58.260	2098.46	-277.04	438.22	425.53	1688002.66	14227086.46	39°10'43.7135"N	80°49'55.4862"W	610.83	44.158	6.07	-6.06	-0.58	
2342.00	21.60	56.650	2185.49	-285.43	457.32	455.48	1688032.59	14227105.55	39°10'43.9017"N	80°49'55.1055"W	645.44	44.885	1.44	-1.29	-1.71	
2437.00	22.88	51.340	2273.43	-296.05	478.47	484.51	1688061.61	14227126.70	39°10'44.1103"N	80°49'54.7363"W	680.94	45.359	2.51	1.35	-5.59	
2531.00	22.87	44.370	2360.06	-310.47	502.95	511.56	1688088.65	14227151.17	39°10'44.3517"N	80°49'54.3923"W	717.39	45.486	2.88	-0.01	-7.41	

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Jenkins Unit 3H
Field	Doddridge		API	47-017-06944-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 3H AWB
Slot	Slot G			

WELLPATH DATA (192 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	
2626.00	23.660	42.300	2447.33	-327.97	530.24	537.30	1688114.38	14227178.45	39°10'44.6210"N	80°49'54.0648"W	754.88	45.379	1.20	0.83	-2.18		
2721.00	24.300	40.670	2534.13	-347.07	559.17	562.86	1688139.94	14227207.36	39°10'44.9064"N	80°49'53.7394"W	793.40	45.189	0.97	0.67	-1.72		
2815.00	24.960	36.830	2619.59	-368.06	589.71	587.36	1688164.42	14227237.90	39°10'45.2079"N	80°49'53.4276"W	832.32	44.885	1.84	0.70	-4.09		
2910.00	24.450	34.340	2705.89	-391.13	621.99	610.47	1688187.52	14227270.16	39°10'45.5265"N	80°49'53.1334"W	871.52	44.464	1.22	-0.54	-2.62		
2968.00	23.840	33.920	2758.82	-405.40	641.63	623.78	1688200.83	14227289.79	39°10'45.7204"N	80°49'52.9639"W	894.87	44.192	1.09	-1.05	-0.72		
3025.00	23.570	33.080	2811.01	-419.39	660.74	636.43	1688213.47	14227308.90	39°10'45.9090"N	80°49'52.8029"W	917.40	43.926	0.76	-0.47	-1.47	APS EM <8-3/4"> (2968')(3025'-6205')	
3119.00	25.000	32.310	2896.69	-443.43	693.28	657.30	1688234.34	14227341.42	39°10'46.2302"N	80°49'52.6370"W	955.34	43.474	1.56	1.52	-0.82		
3213.00	27.580	36.360	2980.97	-468.30	727.60	680.83	1688257.85	14227375.73	39°10'46.5690"N	80°49'52.2375"W	996.45	43.098	3.34	2.74	4.31		
3308.00	28.570	35.550	3064.79	-494.06	763.79	707.07	1688284.09	14227411.90	39°10'46.9263"N	80°49'51.9033"W	1040.83	42.792	1.12	1.04	-0.85		
3405.00	28.080	35.240	3150.17	-520.94	801.31	733.73	1688310.74	14227449.41	39°10'47.2966"N	80°49'51.5639"W	1086.49	42.479	0.53	-0.51	-0.32		
3500.00	28.360	42.780	3233.91	-544.76	836.14	761.96	1688338.96	14227484.22	39°10'47.6403"N	80°49'51.2046"W	1131.25	42.343	3.76	0.29	7.94		
3594.00	28.250	42.600	3316.67	-565.99	868.90	792.19	1688369.17	14227516.97	39°10'47.9636"N	80°49'50.8200"W	1175.82	42.356	0.15	-0.12	-0.19		
3689.00	29.000	43.600	3400.06	-587.37	902.13	823.28	1688400.26	14227550.19	39°10'48.2914"N	80°49'50.4243"W	1221.32	42.384	0.94	0.79	1.05		
3784.00	29.580	43.020	3482.91	-609.07	935.95	855.16	1688432.12	14227583.99	39°10'48.6251"N	80°49'50.0187"W	1267.79	42.418	0.68	0.61	-0.61		
3878.00	28.630	42.820	3565.04	-630.68	969.43	886.30	1688463.25	14227617.48	39°10'48.9555"N	80°49'49.6225"W	1313.51	42.435	1.02	-1.01	-0.21		
3973.00	26.620	42.400	3649.21	-651.70	1001.84	916.12	1688493.06	14227649.86	39°10'49.2753"N	80°49'49.2430"W	1357.56	42.441	2.13	-2.12	-0.44		
4068.00	25.940	38.090	3734.40	-673.27	1033.92	943.30	1688520.22	14227681.92	39°10'49.5918"N	80°49'48.8972"W	1399.57	42.376	2.13	-0.72	-4.54		
4162.00	24.950	36.910	3819.28	-695.63	1065.95	967.89	1688544.80	14227713.94	39°10'49.9080"N	80°49'48.5842"W	1439.81	42.240	1.18	-1.05	-1.26		
4257.00	23.630	39.570	3905.87	-716.86	1096.65	992.05	1688568.95	14227744.63	39°10'50.2110"N	80°49'48.2766"W	1478.78	42.133	1.80	-1.39	2.80		
4351.00	24.580	44.360	3991.68	-735.53	1125.15	1017.72	1688594.62	14227773.12	39°10'50.4922"N	80°49'47.9499"W	1517.15	42.130	2.31	1.01	5.10		
4446.00	24.630	45.470	4078.05	-753.00	1153.16	1045.65	1688622.53	14227801.12	39°10'50.7685"N	80°49'47.5946"W	1556.85	42.201	0.49	0.05	1.17		
4541.00	24.000	42.670	4164.63	-770.78	1181.25	1072.86	1688649.73	14227829.20	39°10'51.0456"N	80°49'47.2484"W	1595.74	42.247	1.38	-0.66	-2.95		
4635.00	23.600	40.270	4250.64	-789.54	1209.67	1097.98	1688674.84	14227857.60	39°10'51.3260"N	80°49'46.9287"W	1633.66	42.229	1.11	-0.43	-2.55		
4730.00	23.530	39.960	4337.71	-809.11	1238.71	1122.45	1688699.30	14227886.64	39°10'51.6126"N	80°49'46.6173"W	1671.61	42.181	0.15	-0.07	-0.33		
4919.00	22.510	37.350	4511.67	-848.76	1296.39	1168.63	1688745.46	14227944.29	39°10'52.1819"N	80°49'46.0294"W	1745.37	42.033	0.76	-0.54	-1.38		
5015.00	22.460	38.240	4600.37	-868.93	1325.40	1191.13	1688767.95	14227973.29	39°10'52.4682"N	80°49'45.7430"W	1781.99	41.946	0.36	-0.05	0.93		
5110.00	24.920	37.330	4687.36	-889.92	1355.57	1214.50	1688791.32	14228003.45	39°10'52.7660"N	80°49'45.4455"W	1820.05	41.858	2.62	2.59	-0.96		
5204.00	25.110	35.620	4772.54	-912.52	1387.54	1238.13	1688814.93	14228035.40	39°10'53.0815"N	80°49'45.1447"W	1859.63	41.743	0.80	0.20	-1.82		
5299.00	25.320	33.870	4858.49	-936.53	1420.79	1261.19	1688837.99	14228068.64	39°10'53.4097"N	80°49'44.8511"W	1899.80	41.594	0.82	0.22	-1.84		
5394.00	27.880	39.670	4943.44	-960.43	1454.76	1286.70	1688863.48	14228102.60	39°10'53.7450"N	80°49'44.5263"W	1942.15	41.492	3.84	2.69	6.11		

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Field	Doddridge		API	47-017-06944-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 3H AWP
Slot	Slot G			

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5488.00	29.050	43.480	5026.08	-982.50	1488.25	1316.44	1688893.21	14228136.07	39°10'54.0754"N	80°49'44.1479"W	1986.93	41.495	2.30	1.24	4.05	
5583.00	29.140	46.640	5109.10	-1002.79	1520.86	1349.13	1688925.89	14228168.68	39°10'54.3972"N	80°49'43.7320"W	2033.02	41.576	1.62	0.09	3.33	
5677.00	29.020	45.080	5191.25	-1022.29	1552.68	1381.91	1688958.66	14228200.48	39°10'54.7110"N	80°49'43.3149"W	2078.58	41.670	0.82	-0.13	-1.66	
5772.00	29.450	48.110	5274.16	-1041.54	1584.54	1415.61	1688992.35	14228232.33	39°10'55.0254"N	80°49'42.8861"W	2124.79	41.777	1.62	0.45	3.19	
5866.00	28.350	49.520	5356.45	-1058.80	1614.46	1449.79	1689026.52	14228262.24	39°10'55.3205"N	80°49'42.4513"W	2169.88	41.924	1.38	-1.17	1.50	
5961.00	26.520	49.610	5440.76	-1074.89	1642.85	1483.11	1689059.82	14228290.62	39°10'55.6004"N	80°49'42.0276"W	2213.27	42.075	1.93	-1.93	0.09	
6055.00	22.860	44.750	5526.16	-1090.71	1669.43	1511.96	1689088.65	14228317.18	39°10'55.8626"N	80°49'41.6606"W	2252.34	42.166	4.45	-3.89	-5.17	
6149.00	21.340	41.730	5613.26	-1107.22	1695.16	1536.20	1689112.89	14228342.91	39°10'56.1185"N	80°49'41.3521"W	2287.68	42.184	2.02	-1.62	-3.21	
6205.00	21.770	42.290	5665.34	-1117.23	1710.45	1549.97	1689126.65	14228358.19	39°10'56.2673"N	80°49'41.1769"W	2308.26	42.182	0.85	0.77	1.00	
6270.00	19.340	38.880	5726.20	-1128.79	1727.75	1564.84	1689141.51	14228375.48	39°10'56.4380"N	80°49'40.9876"W	2331.06	42.167	4.17	-3.74	-5.25	BH AT Curve <8-1/2"> (6205')(6270'-16973')
6365.00	20.370	53.110	5815.60	-1142.30	1749.93	1587.95	1689164.62	14228397.65	39°10'56.6568"N	80°49'40.6936"W	2363.02	42.222	5.19	1.08	14.98	
6459.00	22.920	73.880	5903.10	-1146.49	1764.86	1618.67	1689195.32	14228412.57	39°10'56.8038"N	80°49'40.3031"W	2394.75	42.526	8.54	2.71	22.10	
6554.00	24.510	90.320	5990.17	-1139.12	1769.89	1656.19	1689232.83	14228417.60	39°10'56.8528"N	80°49'39.8266"W	2423.94	43.099	7.14	1.67	17.31	
6649.00	25.330	103.480	6076.39	-1121.75	1765.04	1695.69	1689272.31	14228412.76	39°10'56.8041"N	80°49'39.3251"W	2447.60	43.852	5.89	0.86	13.85	
6700.00†	27.957	110.701	6121.98	-1108.30	1758.27	1717.49	1689294.10	14228405.99	39°10'56.7368"N	80°49'39.0484"W	2457.90	44.328	8.17	5.15	14.16	Sycamore: 6700' MD
6743.00	30.420	115.840	6159.53	-1094.21	1749.96	1736.72	1689313.33	14228397.68	39°10'56.6543"N	80°49'38.8043"W	2465.47	44.783	8.17	5.73	11.95	
6838.00	36.300	126.090	6238.90	-1054.20	1722.87	1781.17	1689357.76	14228370.60	39°10'56.3857"N	80°49'38.2406"W	2478.07	45.953	8.56	6.19	10.79	
6932.00	42.480	134.260	6311.56	-1003.02	1684.26	1826.46	1689403.03	14228332.01	39°10'56.0032"N	80°49'37.6664"W	2484.49	47.319	8.57	6.57	8.69	
6945.00†	43.719	135.726	6321.05	-995.05	1677.98	1832.74	1689409.31	14228325.73	39°10'55.9410"N	80°49'37.5968"W	2484.86	47.524	12.26	9.53	11.28	Middlesex: 6945' MD
7027.00	51.890	143.650	6376.13	-938.54	1631.59	1871.74	1689448.29	14228279.36	39°10'55.4818"N	80°49'37.0926"W	2483.04	48.921	12.26	9.96	9.66	
7121.00	60.170	152.400	6428.68	-862.73	1565.47	1912.68	1689489.21	14228213.26	39°10'54.8275"N	80°49'36.5744"W	2471.64	50.701	11.70	8.81	9.31	
7170.00†	64.523	155.660	6451.42	-819.67	1526.45	1931.65	1689508.18	14228174.26	39°10'54.4415"N	80°49'36.3343"W	2461.98	51.683	10.66	8.88	6.65	Burkett: 7170' MD
7216.00	68.670	158.510	6469.89	-777.58	1487.58	1948.07	1689524.59	14228135.40	39°10'54.0569"N	80°49'36.1268"W	2451.09	52.634	10.66	9.02	6.20	
7263.00	71.220	158.100	6485.81	-733.49	1446.56	1964.39	1689540.90	14228094.40	39°10'53.6512"N	80°49'35.9205"W	2439.54	53.632	5.49	5.43	-0.87	
7309.00†	70.868	157.033	6500.75	-690.07	1406.35	1980.99	1689557.50	14228054.20	39°10'53.2534"N	80°49'35.7107"W	2429.43	54.628	2.32	-0.77	-2.32	Tully: 7309' MD
7310.00	70.860	157.010	6501.08	-689.12	1405.48	1981.36	1689557.87	14228053.33	39°10'53.2448"N	80°49'35.7060"W	2429.23	54.650	2.32	-0.76	-2.32	
7357.00	72.780	157.350	6515.74	-644.58	1364.32	1998.68	1689575.18	14228012.19	39°10'52.8377"N	80°49'35.4871"W	2419.93	55.682	4.14	4.09	0.72	
7405.00	74.740	157.390	6529.17	-598.59	1321.78	2016.41	1689592.90	14227969.68	39°10'52.4170"N	80°49'35.2630"W	2411.02	56.755	4.08	4.08	0.08	
7453.00	79.760	157.700	6539.76	-551.88	1278.53	2034.28	1689610.77	14227926.44	39°10'51.9891"N	80°49'35.0371"W	2402.70	57.851	10.48	10.46	0.65	
7489.00†	82.725	159.629	6545.24	-516.34	1245.39	2047.22	1689623.71	14227893.32	39°10'51.6614"N	80°49'34.8735"W	2396.27	58.686	9.79	8.24	5.36	Marcellus POE: 7489' MD

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 3H
Field	Doddridge	API	47-017-06944-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 3H AWB
Slot	Slot G		

WELLPATH DATA (192 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
7499.00	83.550	160.160	6546.43	-506.42	1236.07	2050.64	1689627.12	14227884.00	39°10'51.5691"N	80°49'34.8304"W	2394.36	58.920	9.79	8.25	5.31	
7546.00	85.900	159.450	6550.75	-459.63	1192.15	2066.79	1689643.27	14227840.09	39°10'51.1347"N	80°49'34.6263"W	2385.97	60.023	5.22	5.00	-1.51	
7594.00	89.050	159.440	6552.87	-411.70	1147.25	2083.63	1689660.09	14227795.22	39°10'50.6907"N	80°49'34.4136"W	2378.59	61.163	6.56	6.56	-0.02	
7688.00	88.370	160.450	6554.98	-317.75	1058.98	2115.85	1689692.31	14227706.98	39°10'49.8176"N	80°49'34.0066"W	2366.07	63.412	1.30	-0.72	1.07	
7783.00	88.950	161.540	6557.21	-222.78	969.18	2146.78	1689723.22	14227617.22	39°10'48.9294"N	80°49'33.6160"W	2355.42	65.703	1.30	0.61	1.15	
7878.00	88.860	161.790	6559.02	-127.80	879.02	2176.66	1689753.09	14227527.09	39°10'48.0377"N	80°49'33.2388"W	2347.45	68.009	0.28	-0.09	0.26	
7972.00	88.890	161.760	6560.87	-33.82	789.76	2206.05	1689782.47	14227437.86	39°10'47.1549"N	80°49'32.8677"W	2343.16	70.303	0.05	0.03	-0.03	
8067.00	89.690	161.100	6562.04	61.17	699.71	2236.30	1689812.71	14227347.85	39°10'46.2643"N	80°49'32.4857"W	2343.21	72.626	1.09	0.84	-0.69	
8162.00	90.580	161.480	6561.82	156.16	609.73	2266.78	1689843.17	14227257.91	39°10'45.3744"N	80°49'32.1010"W	2347.35	74.945	1.02	0.94	0.40	
8257.00	90.280	161.580	6561.11	251.16	519.63	2296.87	1689873.25	14227167.84	39°10'44.4832"N	80°49'31.7210"W	2354.92	77.252	0.33	-0.32	0.11	
8351.00	90.090	161.330	6560.80	345.16	430.51	2326.77	1689903.14	14227078.76	39°10'43.6018"N	80°49'31.3435"W	2366.26	79.517	0.33	-0.20	-0.27	
8446.00	90.650	161.050	6560.19	440.15	340.59	2357.40	1689933.76	14226988.87	39°10'42.7124"N	80°49'30.9568"W	2381.87	81.779	0.66	0.59	-0.29	
8540.00	90.400	161.310	6559.33	534.15	251.61	2387.72	1689964.07	14226899.93	39°10'41.8325"N	80°49'30.5739"W	2400.94	83.984	0.38	-0.27	0.28	
8635.00	91.260	160.900	6557.95	629.14	161.74	2418.48	1689994.82	14226810.10	39°10'40.9436"N	80°49'30.1855"W	2423.88	86.174	1.00	0.91	-0.43	
8729.00	92.090	161.580	6555.20	723.10	72.78	2448.70	1690025.02	14226721.17	39°10'40.0637"N	80°49'29.8040"W	2449.78	88.298	1.14	0.88	0.72	
8824.00	91.820	162.660	6551.96	818.03	-17.58	2477.85	1690054.16	14226630.85	39°10'39.1701"N	80°49'29.4360"W	2477.91	90.407	1.17	-0.28	1.14	
8919.00	92.990	161.100	6547.98	912.93	-107.79	2507.37	1690083.67	14226540.68	39°10'38.2779"N	80°49'29.0634"W	2509.68	92.461	2.05	1.23	-1.64	
9013.00	90.710	160.910	6544.94	1006.87	-196.61	2537.95	1690114.23	14226451.88	39°10'37.3994"N	80°49'28.6773"W	2545.55	94.430	2.43	-2.43	-0.20	
9107.00	90.920	161.890	6543.61	1100.86	-285.69	2567.92	1690144.20	14226362.84	39°10'36.5183"N	80°49'28.2988"W	2583.77	96.348	1.07	0.22	1.04	
9202.00	90.950	161.560	6542.06	1195.84	-375.89	2597.71	1690173.97	14226272.68	39°10'35.6263"N	80°49'27.9228"W	2624.76	98.234	0.35	0.03	-0.35	
9296.00	90.890	161.460	6540.55	1289.83	-465.03	2627.52	1690203.77	14226183.58	39°10'34.7447"N	80°49'27.5465"W	2666.35	100.036	0.12	-0.06	-0.11	
9391.00	90.860	161.450	6539.10	1384.82	-555.08	2657.73	1690233.97	14226093.56	39°10'33.8540"N	80°49'27.1651"W	2715.08	101.797	0.03	-0.03	-0.01	
9486.00	90.740	161.080	6537.77	1479.81	-645.04	2688.24	1690264.46	14226003.64	39°10'32.9643"N	80°49'26.7799"W	2764.54	103.493	0.41	-0.13	-0.39	
9580.00	90.740	160.940	6536.55	1573.80	-733.92	2718.82	1690295.04	14225914.80	39°10'32.0853"N	80°49'26.3937"W	2816.14	105.106	0.15	0.00	-0.15	
9675.00	90.830	160.730	6535.25	1668.79	-823.64	2750.01	1690326.21	14225825.11	39°10'31.1978"N	80°49'26.0000"W	2870.70	106.673	0.24	0.09	-0.22	
9769.00	90.800	161.040	6533.92	1762.78	-912.45	2780.79	1690356.98	14225736.33	39°10'30.3195"N	80°49'25.6113"W	2926.66	108.166	0.33	-0.03	0.33	
9864.00	90.550	161.350	6532.80	1857.77	-1002.37	2811.41	1690387.58	14225646.45	39°10'29.4301"N	80°49'25.2247"W	2984.76	109.623	0.42	-0.26	0.33	
9958.00	90.710	160.600	6531.76	1951.77	-1091.23	2842.05	1690418.21	14225557.62	39°10'28.5512"N	80°49'24.8379"W	3044.34	111.005	0.82	0.17	-0.80	
10053.00	90.620	160.690	6530.66	2046.76	-1180.86	2873.53	1690449.68	14225468.03	39°10'27.6648"N	80°49'24.4403"W	3106.70	112.340	0.13	-0.09	0.09	
10147.00	90.550	160.990	6529.70	2140.75	-1269.65	2904.38	1690480.52	14225379.28	39°10'26.7866"N	80°49'24.0508"W	3169.77	113.612	0.33	-0.07	0.32	

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Jenkins Unit 3H AWP Proj: 16998'
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Jenkins Unit 3H
Field	Doddridge		API	47-017-06944-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 3H AWB
Slot	Slot G			

WELLPATH DATA (192 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
10242.00	90.860	161.570	6528.53	2235.74	-1359.61	2934.87	1690511.00	14225289.35	39°10'25.8968"N	80°49'23.6659"W	3234.50	114.857	0.69	0.33	0.61	
10337.00	90.310	161.400	6527.56	2330.73	-1449.69	2965.03	1690541.15	14225199.31	39°10'25.0059"N	80°49'23.2851"W	3300.46	116.055	0.61	-0.58	-0.18	
10432.00	90.950	160.230	6526.52	2425.73	-1539.41	2996.25	1690572.35	14225109.63	39°10'24.1185"N	80°49'22.8910"W	3368.57	117.193	1.40	0.67	-1.23	
10526.00	89.690	160.560	6525.99	2519.71	-1627.96	3027.79	1690603.88	14225021.11	39°10'23.2427"N	80°49'22.4927"W	3437.69	118.266	1.39	-1.34	0.35	
10621.00	90.310	160.730	6525.99	2614.71	-1717.59	3059.27	1690635.35	14224931.52	39°10'22.3562"N	80°49'22.0951"W	3508.45	119.311	0.68	0.65	0.18	
10715.00	90.250	160.430	6525.53	2708.70	-1806.24	3090.53	1690666.59	14224842.90	39°10'21.4794"N	80°49'21.7005"W	3579.64	120.304	0.33	-0.06	-0.32	
10809.00	90.150	160.460	6525.21	2802.70	-1894.81	3121.99	1690698.04	14224754.36	39°10'20.6033"N	80°49'21.3032"W	3652.01	121.255	0.11	-0.11	0.03	
10903.00	90.710	161.170	6524.50	2896.69	-1983.59	3152.88	1690728.92	14224665.62	39°10'19.7253"N	80°49'20.9132"W	3724.95	122.175	0.96	0.60	0.76	
10998.00	90.800	161.070	6523.25	2991.68	-2073.47	3183.62	1690759.65	14224575.78	39°10'18.8363"N	80°49'20.5251"W	3799.30	123.076	0.14	0.09	-0.11	
11092.00	89.660	159.660	6522.87	3085.67	-2162.00	3215.20	1690791.22	14224487.28	39°10'17.9607"N	80°49'20.1263"W	3874.50	123.918	1.93	-1.21	-1.50	
11187.00	90.120	160.050	6523.05	3180.65	-2251.19	3247.92	1690823.92	14224398.13	39°10'17.0785"N	80°49'19.7131"W	3951.81	124.726	0.63	0.48	0.41	
11282.00	90.740	160.460	6522.34	3275.63	-2340.60	3280.01	1690856.00	14224308.75	39°10'16.1942"N	80°49'19.3078"W	4029.50	125.511	0.78	0.65	0.43	
11376.00	90.890	160.940	6521.00	3369.62	-2429.31	3311.08	1690887.06	14224220.08	39°10'15.3168"N	80°49'18.9156"W	4106.67	126.267	0.53	0.16	0.51	
11471.00	90.060	160.910	6520.22	3464.62	-2519.09	3342.12	1690918.09	14224130.34	39°10'14.4288"N	80°49'18.5237"W	4185.16	127.007	0.87	-0.87	-0.03	
11566.00	90.000	159.890	6520.17	3559.61	-2608.58	3373.99	1690949.94	14224040.88	39°10'13.5436"N	80°49'18.1213"W	4264.80	127.709	1.08	-0.06	-1.07	
11660.00	89.820	160.830	6520.31	3653.60	-2697.11	3405.58	1690981.52	14223952.38	39°10'12.6680"N	80°49'17.7223"W	4344.24	128.378	1.02	-0.19	1.00	
11755.00	89.850	161.210	6520.59	3748.60	-2786.95	3436.48	1691012.41	14223862.59	39°10'11.7795"N	80°49'17.3323"W	4424.53	129.042	0.40	0.03	0.40	
11849.00	89.820	161.340	6520.86	3842.60	-2875.97	3466.66	1691042.57	14223773.60	39°10'10.8990"N	80°49'16.9514"W	4504.32	129.679	0.14	-0.03	0.14	
11943.00	90.060	161.220	6520.96	3936.59	-2965.00	3496.83	1691072.73	14223684.61	39°10'10.0184"N	80°49'16.5706"W	4584.65	130.295	0.29	0.26	-0.13	
12038.00	89.850	161.870	6521.03	4031.59	-3055.11	3526.90	1691102.79	14223594.53	39°10'9.1272"N	80°49'16.1910"W	4666.13	130.900	0.72	-0.22	0.68	
12132.00	90.250	162.650	6520.95	4125.57	-3144.64	3555.54	1691131.42	14223505.03	39°10'8.2417"N	80°49'15.8296"W	4746.65	131.491	0.93	0.43	0.83	
12227.00	89.940	161.740	6520.79	4220.55	-3235.09	3584.59	1691160.46	14223414.62	39°10'7.3472"N	80°49'15.4630"W	4828.57	132.066	1.01	-0.33	-0.96	
12322.00	89.850	161.860	6520.97	4315.55	-3325.34	3614.26	1691190.12	14223324.41	39°10'6.4546"N	80°49'15.0885"W	4911.29	132.616	0.16	-0.09	0.13	
12416.00	90.060	163.160	6521.04	4409.52	-3414.99	3642.51	1691218.36	14223234.79	39°10'5.5679"N	80°49'14.7321"W	4993.00	133.154	1.40	0.22	1.38	
12511.00	89.970	161.700	6521.01	4504.49	-3505.56	3671.19	1691247.02	14223144.27	39°10'4.6722"N	80°49'14.3703"W	5076.08	133.678	1.54	-0.09	-1.54	
12605.00	90.150	162.040	6520.92	4598.48	-3594.89	3700.44	1691276.26	14223054.97	39°10'3.7887"N	80°49'14.0012"W	5159.11	134.171	0.41	0.19	0.36	
12700.00	89.910	162.640	6520.87	4693.46	-3685.41	3729.26	1691305.07	14222964.48	39°10'2.8934"N	80°49'13.6375"W	5243.05	134.661	0.68	-0.25	0.63	
12794.00	90.520	162.510	6520.51	4787.43	-3775.10	3757.41	1691333.21	14222874.83	39°10'2.0064"N	80°49'13.2824"W	5326.30	135.135	0.66	0.65	-0.14	
12899.00	89.820	161.910	6520.20	4892.41	-3875.07	3789.49	1691365.27	14222774.89	39°10'1.0176"N	80°49'12.8776"W	5420.00	135.640	0.88	-0.67	-0.57	
12983.00	89.820	163.160	6520.47	4976.38	-3955.20	3814.70	1691390.47	14222694.80	39°10'0.2252"N	80°49'12.5595"W	5495.04	136.036	1.49	0.00	1.49	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 3H
Field	Doddridge	API	47-017-06944-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 3H AWB
Slot	Slot G		

WELLPATH DATA (192 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
13077.00	89.820	161.850	6520.76	5070.35	-4044.85	3842.95	1691418.72	14222605.19	39°09'59.3385"N	80°49'12.2030"W	5579.35	136.466	1.39	0.00	-1.39	
13172.00	90.460	162.940	6520.53	5165.33	-4135.40	3871.69	1691447.44	14222514.67	39°09'58.4430"N	80°49'11.8405"W	5664.93	136.886	1.33	0.67	1.15	
13266.00	91.600	164.490	6518.84	5259.21	-4225.61	3898.04	1691473.78	14222424.50	39°09'57.5509"N	80°49'11.5082"W	5748.95	137.309	2.05	1.21	1.65	
13361.00	89.910	162.750	6517.59	5354.11	-4316.74	3924.83	1691500.56	14222333.41	39°09'56.6496"N	80°49'11.1704"W	5834.25	137.723	2.55	-1.78	-1.83	
13455.00	89.450	162.160	6518.11	5448.08	-4406.36	3953.16	1691528.88	14222243.82	39°09'55.7632"N	80°49'10.8129"W	5919.76	138.103	0.80	-0.49	-0.63	
13550.00	89.970	162.220	6518.59	5543.06	-4496.81	3982.22	1691557.93	14222153.41	39°09'54.8687"N	80°49'10.4463"W	6006.61	138.473	0.55	0.55	0.06	
13644.00	91.290	163.280	6517.56	5637.02	-4586.57	4010.09	1691585.79	14222063.68	39°09'53.9809"N	80°49'10.0947"W	6092.41	138.836	1.80	1.40	1.13	
13739.00	90.220	160.280	6516.31	5731.99	-4676.79	4039.79	1691615.48	14221973.50	39°09'53.0886"N	80°49'9.7199"W	6179.99	139.180	3.35	-1.13	-3.16	
13833.00	90.220	160.350	6515.95	5825.98	-4765.29	4071.45	1691647.13	14221885.03	39°09'52.2132"N	80°49'9.3202"W	6267.75	139.490	0.07	0.00	0.07	
13928.00	90.280	160.610	6515.53	5920.97	-4854.83	4103.20	1691678.86	14221795.53	39°09'51.3276"N	80°49'8.9194"W	6356.54	139.796	0.28	0.06	0.27	
14022.00	89.780	160.470	6515.48	6014.97	-4943.46	4134.51	1691710.16	14221706.93	39°09'50.4510"N	80°49'8.5241"W	6444.53	140.092	0.55	-0.53	-0.15	
14117.00	91.850	161.030	6514.13	6109.95	-5033.14	4165.83	1691741.46	14221617.29	39°09'49.5640"N	80°49'8.1288"W	6533.50	140.386	2.26	2.18	0.59	
14211.00	90.680	161.080	6512.06	6203.93	-5122.02	4196.34	1691771.96	14221528.44	39°09'48.6849"N	80°49'7.7437"W	6621.51	140.673	1.25	-1.24	0.05	
14306.00	90.090	160.560	6511.42	6298.92	-5211.75	4227.55	1691803.16	14221438.76	39°09'47.7975"N	80°49'7.3498"W	6710.77	140.952	0.83	-0.62	-0.55	
14400.00	90.710	160.830	6510.76	6392.92	-5300.46	4258.62	1691834.22	14221350.08	39°09'46.9200"N	80°49'6.9575"W	6799.32	141.220	0.72	0.66	0.29	
14589.00	89.820	159.250	6509.89	6581.87	-5478.09	4323.14	1691898.71	14221172.51	39°09'45.1630"N	80°49'6.1429"W	6978.47	141.721	0.96	-0.47	-0.84	
14684.00	92.030	161.980	6508.35	6676.84	-5567.68	4354.66	1691930.22	14221082.96	39°09'44.2769"N	80°49'5.7450"W	7068.39	141.970	3.70	2.33	2.87	
14779.00	90.800	160.830	6506.01	6771.81	-5657.69	4384.94	1691960.49	14220992.99	39°09'43.3866"N	80°49'5.3628"W	7158.02	142.223	1.77	-1.29	-1.21	
14873.00	90.460	160.750	6504.97	6865.80	-5746.45	4415.87	1691991.41	14220904.26	39°09'42.5087"N	80°49'4.9725"W	7247.18	142.459	0.37	-0.36	-0.09	
14968.00	90.550	160.760	6504.14	6960.79	-5836.14	4447.18	1692022.71	14220814.61	39°09'41.6216"N	80°49'4.5772"W	7337.44	142.692	0.10	0.09	0.01	
15062.00	90.490	161.170	6503.28	7054.79	-5925.00	4477.84	1692053.35	14220725.79	39°09'40.7428"N	80°49'4.1903"W	7426.75	142.920	0.44	-0.06	0.44	
15157.00	90.580	160.960	6502.40	7149.78	-6014.85	4508.66	1692084.16	14220635.97	39°09'39.8541"N	80°49'3.8013"W	7517.08	143.145	0.24	0.09	-0.22	
15252.00	90.680	160.910	6501.35	7244.78	-6104.64	4539.69	1692115.18	14220546.22	39°09'38.9660"N	80°49'3.4096"W	7607.59	143.364	0.12	0.11	-0.05	
15347.00	90.520	160.940	6500.36	7339.77	-6194.42	4570.74	1692146.21	14220456.48	39°09'38.0780"N	80°49'3.0178"W	7698.21	143.577	0.17	-0.17	0.03	
15441.00	90.370	161.000	6499.83	7433.77	-6283.28	4601.39	1692176.85	14220367.65	39°09'37.1991"N	80°49'2.6310"W	7787.96	143.784	0.17	-0.16	0.06	
15536.00	90.220	160.860	6499.14	7528.77	-6373.01	4632.58	1692208.03	14220277.96	39°09'36.3116"N	80°49'2.2373"W	7878.83	143.986	0.39	-0.16	-0.36	
15630.00	90.580	160.850	6498.48	7622.76	-6461.75	4663.56	1692239.00	14220189.25	39°09'35.4339"N	80°49'1.8462"W	7968.88	144.181	0.43	0.38	0.20	
15725.00	90.400	160.790	6497.67	7717.76	-6551.47	4694.77	1692270.20	14220099.56	39°09'34.5464"N	80°49'1.4523"W	8059.95	144.375	0.20	-0.19	-0.06	
15820.00	90.430	160.710	6496.98	7812.75	-6641.16	4726.09	1692301.51	14220009.91	39°09'33.6594"N	80°49'1.0570"W	8151.13	144.563	0.09	0.03	-0.08	
15914.00	90.250	160.690	6496.42	7906.75	-6729.88	4757.16	1692332.56	14219921.23	39°09'32.7819"N	80°49'0.6648"W	8241.47	144.745	0.19	-0.19	-0.02	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 3H
Field	Doddridge	API	47-017-06944-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 3H AWP
Slot	Slot G		

WELLPATH DATA (192 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
16008.00	90.310	160.890	6495.96	8000.75	-6818.64	4788.09	1692363.48	14219832.50	39°09'31.9039"N	80°49'0.2745"W	8331.85	144.923	0.22	0.06	0.21	
16103.00	90.430	160.990	6495.35	8095.74	-6908.43	4819.11	1692394.49	14219742.75	39°09'31.0158"N	80°48'59.8830"W	8423.20	145.102	0.16	0.13	0.11	
16198.00	90.460	160.910	6494.61	8190.74	-6998.23	4850.12	1692425.48	14219652.99	39°09'30.1277"N	80°48'59.4916"W	8514.62	145.276	0.09	0.03	-0.08	
16293.00	90.680	161.430	6493.67	8285.73	-7088.14	4880.78	1692456.13	14219563.12	39°09'29.2384"N	80°48'59.1047"W	8606.03	145.449	0.59	0.23	0.55	
16387.00	90.180	161.010	6492.96	8379.73	-7177.13	4911.04	1692486.38	14219474.16	39°09'28.3582"N	80°48'58.7229"W	8696.52	145.618	0.69	-0.53	-0.45	
16482.00	90.460	160.840	6492.43	8474.73	-7266.91	4942.09	1692517.41	14219384.41	39°09'27.4702"N	80°48'58.3310"W	8788.19	145.781	0.34	0.29	-0.18	
16577.00	90.490	160.840	6491.64	8569.72	-7356.65	4973.27	1692548.58	14219294.71	39°09'26.5826"N	80°48'57.9376"W	8879.95	145.940	0.03	0.03	0.00	
16671.00	90.090	160.810	6491.17	8663.72	-7445.43	5004.14	1692579.44	14219205.97	39°09'25.7045"N	80°48'57.5479"W	8970.83	146.095	0.43	-0.43	-0.03	
16766.00	90.220	160.400	6490.91	8758.72	-7535.04	5035.69	1692610.98	14219116.39	39°09'24.8181"N	80°48'57.1497"W	9062.83	146.245	0.45	0.14	-0.43	
16861.00	90.400	160.850	6490.40	8853.71	-7624.66	5067.20	1692642.48	14219026.81	39°09'23.9317"N	80°48'56.7520"W	9154.88	146.393	0.51	0.19	0.47	
16973.00	90.220	160.620	6489.79	8965.71	-7730.38	5104.15	1692679.42	14218921.13	39°09'22.8860"N	80°48'56.2856"W	9263.43	146.564	0.26	-0.16	-0.21	
16998.00‡	90.220	160.620	6489.70	8990.71	-7753.97	5112.45	1692687.71	14218897.55	39°09'22.6527"N	80°48'56.1809"W	9287.69	146.602	0.00	0.00	0.00	Projected MD at TD: 16998'

HOLE & CASING SECTIONS - Ref Wellbore: Jenkins Unit 3H AWP Ref Wellpath: Jenkins Unit 3H AWP Proj: 16998'									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	30.00	130.00	100.00	30.00	130.00	0.00	0.00	0.03	0.12
17.5in Open Hole	130.00	450.00	320.00	130.00	449.99	0.03	0.12	-0.97	-0.08
13.375in Casing Surface	30.00	435.00	405.00	30.00	435.00	0.00	0.00	-0.88	0.07
12.25in Open Hole	450.00	3043.00	2593.00	449.99	2827.49	-0.97	-0.08	666.81	640.37
9.625in Casing Intermediate	30.00	3013.00	2983.00	30.00	2800.01	0.00	0.00	656.72	633.80
8.75in Open Hole	3043.00	6287.00	3244.00	2827.49	5742.24	666.81	640.37	1732.06	1568.48
8.5in Open Hole	6287.00	16998.00	10711.00	5742.24	6489.70	1732.06	1568.48	-7753.97	5112.45
5.5in Casing Production	30.00	16978.00	16948.00	30.00	6489.77	0.00	0.00	-7735.10	5105.81

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 3H
Field	Doddridge	API	47-017-06944-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 3H AWB
Slot	Slot G		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Jenkins Unit 3H POE Rev-2	6545.00	1323.21	2018.38	1689594.87	14227971.10	39°10'52.4310"N	80°49'35.2380"W	point
Jenkins Unit 3H BHL Rev-2	6571.00	-7767.93	5125.90	1692701.15	14218883.59	39°09'22.5144"N	80°48'56.0106"W	point
Jenkins Unit 3H LP Rev-2	6571.00	1142.26	2080.23	1689656.70	14227790.23	39°10'50.6414"N	80°49'34.4569"W	point
Jenkins Unit 3H 50' L/R Hard Line	7000.00	-3222.36	3572.14	1691148.01	14223427.35	39°10'7.4732"N	80°49'15.6208"W	rectangle
2D Rectangle 9607.58 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Jenkins Unit 3H AWB Ref Wellpath: Jenkins Unit 3H AWP Proj: 16998'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	434.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-434')	Jenkins Unit 3H AWB	3/29/2023
434.00	2968.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (434')(474'-2968')	Jenkins Unit 3H AWB	3/29/2023
2968.00	6205.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2968')(3025'-6205')	Jenkins Unit 3H AWB	5/21/2023
6205.00	16998.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (6205')(6270'-16973')	Jenkins Unit 3H AWB	5/21/2023

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 Jenkins Unit 3H AWP Proj: 16998'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 3H
Field	Doddridge	API	47-017-06944-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 3H AWB
Slot	Slot G		

COMMENTS
<p>Wellpath general comments API: 47-017-06944-0000 BH Job #: 111750226 Rig: H&P 531 Duration: 5/22/2023-5/26/2023 Gyrodata MS Gyro <17-1/2"> (100'-434') APS EM <12-1/4"> (434')(474'-2968') APS EM <8-3/4"> (2968')(3025'-6205') BH AT Curve <8-1/2"> (6205')(6270'-16973') Sycamore: 6700' MD Middlesex: 6945' MD Burkett: 7170' MD Tully: 7309' MD Marcellus POE: 7489' MD Projected MD at TD: 16998'</p>

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