



ANTERO RESOURCES CORPORATION

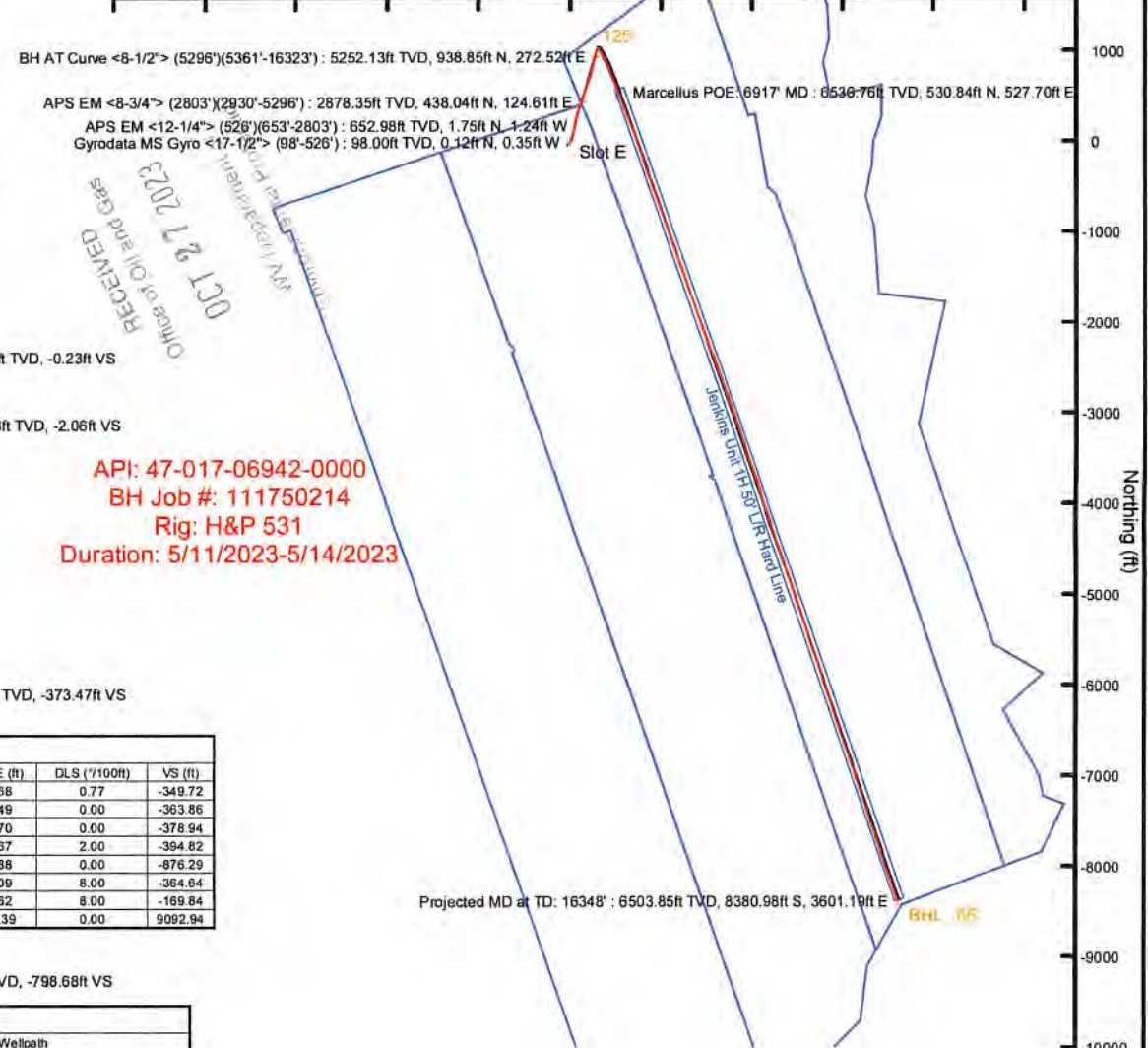
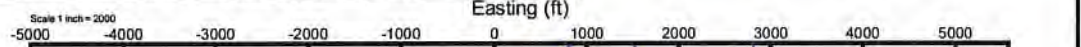


Location: Doddridge Co., WV
Field: Doddridge
Facility: Locke Pad

Slot: Slot E
Well: Jenkins Unit 1H
Wellbore: Jenkins Unit 1H PWB

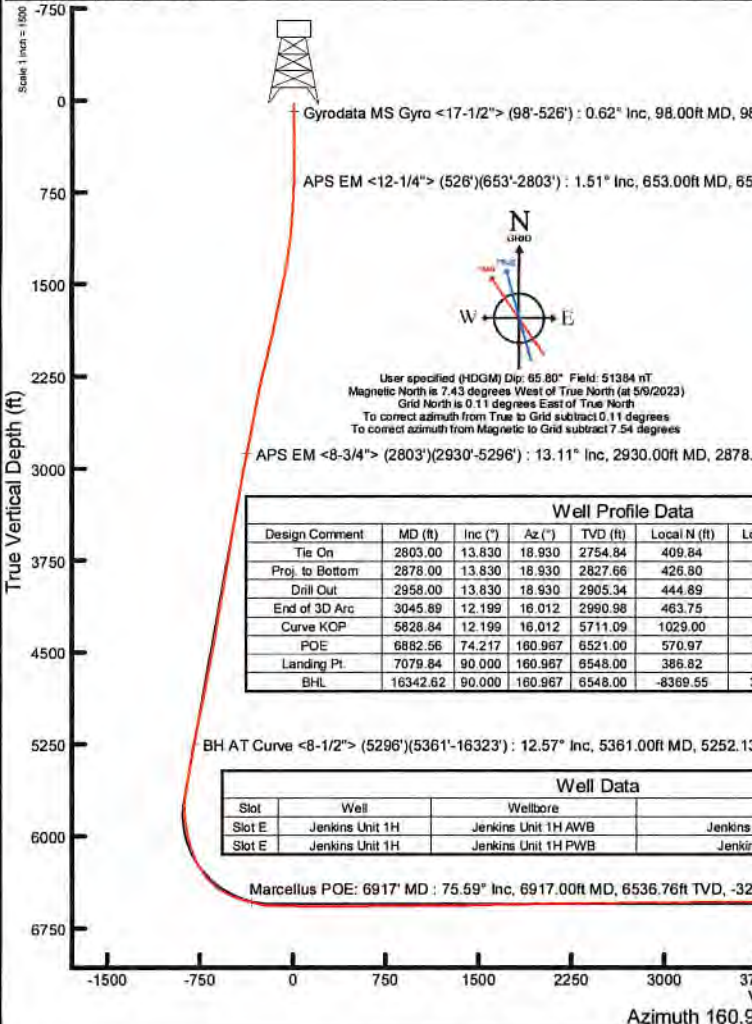
PLA reference wellpath is Jenkins Unit 1H PWP Rev-B.1	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 531 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 531 (RKB)	Scale: True distance
H&P 531 (RKB) to Mean Sea Level: 1130 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot E): -1100 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's offset MD datum	Created by: edusarjan on 2023-05-30, Databases: WA MPL, EASTERNUS, Data

Location Information						
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Locke Pad	1687522.330	14228577.530	39°10'38.6900"N	80°50'1.5999"W		
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Slot E	48.61	38.92	1687559.240	14228624.120	39°10'39.1500"N	80°50'1.1300"W
Comment	Jenkins Unit 1H					
H&P 531 (RKB) to Ground level (At Slot: Slot E)	30ft					
Mean Sea Level to Ground level (At Slot: Slot E)	-1100ft					
H&P 531 (RKB) to Mean Sea Level	1130ft					



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API: 47-017-06942-0000
BH Job #: 111750214
Rig: H&P 531
Duration: 5/11/2023-5/14/2023



Projected MD at TD: 16348' : 90.34° Inc, 16348.00R MD, 6503.85ft TVD, 9097.15ft VS



Actual Wellpath Report

Jenkins Unit 1H AWP Proj: 16348'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

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 4:11:19 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	46.61	36.92	1687559.24	14226624.12	39° 10'39.1500"N	80°50'1.1300"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 E)	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	160.97°

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Jenkins Unit 1H AWP Proj: 16348'

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REFERENCE WELLPATH IDENTIFICATION				
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Field	Doddridge		API	47-017-06942-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 1H AWB
Slot	Slot E			

WELLPATH DATA (188 stations) † = interpolated, ‡ = extrapolated station

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Comments
0.00†	0.000	289.450	0.00	0.00	0.00	0.00	1687559.24	14226624.12	39°10'39.1500"N	80°50'1.1300"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	289.450	30.00	0.00	0.00	0.00	1687559.24	14226624.12	39°10'39.1500"N	80°50'1.1300"W	0.00	0.000	0.00	0.00	0.00	
98.00	0.620	289.450	98.00	-0.23	0.12	-0.35	1687558.89	14226624.24	39°10'39.1512"N	80°50'1.1344"W	0.37	289.450	0.91	0.91	0.00	Gyrodata MS Gyro <17-1/2"> (98'-526')
99.00	0.620	289.120	99.00	-0.24	0.13	-0.36	1687558.88	14226624.25	39°10'39.1513"N	80°50'1.1345"W	0.38	289.445	0.36	0.00	0.00	-33.00
100.00	0.620	288.960	100.00	-0.24	0.13	-0.37	1687558.87	14226624.25	39°10'39.1513"N	80°50'1.1346"W	0.39	289.434	0.17	0.00	0.00	-16.00
199.00	0.380	219.800	199.00	-0.40	0.05	-1.08	1687558.16	14226624.17	39°10'39.1505"N	80°50'1.1437"W	1.09	272.716	0.61	-0.24	-69.86	
200.00	0.380	219.680	200.00	-0.40	0.05	-1.09	1687558.15	14226624.17	39°10'39.1505"N	80°50'1.1438"W	1.09	272.437	0.08	0.00	0.00	-12.00
298.00	0.250	242.070	297.99	-0.20	-0.30	-1.48	1687557.76	14226623.82	39°10'39.1470"N	80°50'1.1488"W	1.52	258.431	0.18	-0.13	22.85	
299.00	0.250	241.700	298.99	-0.20	-0.31	-1.49	1687557.75	14226623.81	39°10'39.1470"N	80°50'1.1489"W	1.52	258.384	0.16	0.00	0.00	-37.00
300.00	0.250	241.500	299.99	-0.20	-0.31	-1.49	1687557.75	14226623.81	39°10'39.1470"N	80°50'1.1489"W	1.52	258.337	0.09	0.00	0.00	-20.00
399.00	0.090	317.220	398.99	-0.23	-0.35	-1.74	1687557.51	14226623.77	39°10'39.1465"N	80°50'1.1520"W	1.77	258.466	0.25	-0.16	76.48	
400.00	0.080	316.700	399.99	-0.23	-0.35	-1.74	1687557.50	14226623.77	39°10'39.1466"N	80°50'1.1520"W	1.77	258.507	1.00	-1.00	-52.00	
499.00	0.180	0.310	498.99	-0.44	-0.15	-1.78	1687557.46	14226623.97	39°10'39.1486"N	80°50'1.1526"W	1.79	265.281	0.14	0.10	44.05	
500.00	0.180	0.030	499.99	-0.45	-0.14	-1.78	1687557.46	14226623.98	39°10'39.1486"N	80°50'1.1526"W	1.79	265.381	0.09	0.00	0.00	-28.00
526.00	0.210	354.200	525.99	-0.53	-0.06	-1.79	1687557.45	14226624.06	39°10'39.1495"N	80°50'1.1527"W	1.79	268.213	0.14	0.12	-22.42	
653.00	1.510	19.840	652.98	-2.06	1.75	-1.24	1687558.00	14226625.87	39°10'39.1673"N	80°50'1.1457"W	2.15	324.613	1.04	1.02	20.19	APS EM <12-1/4"> (526')(653'-2803')
744.00	2.810	27.340	743.91	-4.53	4.86	0.19	1687559.43	14226628.98	39°10'39.1980"N	80°50'1.1275"W	4.86	2.221	1.46	1.43	8.24	
835.00	4.810	22.440	834.70	-8.93	10.37	2.67	1687561.91	14226634.48	39°10'39.2524"N	80°50'1.0958"W	10.71	14.439	2.22	2.20	-5.38	
926.00	5.750	25.450	925.32	-15.04	18.01	6.08	1687565.32	14226642.12	39°10'39.3279"N	80°50'1.0523"W	19.01	18.668	1.08	1.03	3.31	
1019.00	5.810	22.950	1017.84	-21.87	26.55	9.92	1687569.16	14226650.66	39°10'39.4123"N	80°50'1.0034"W	28.35	20.491	0.28	0.06	-2.69	
1114.00	7.490	20.070	1112.20	-30.25	36.80	13.92	1687573.16	14226660.90	39°10'39.5134"N	80°50'0.9523"W	39.34	20.725	1.80	1.77	-3.03	
1208.00	8.790	18.770	1205.25	-40.68	49.35	18.34	1687577.57	14226673.45	39°10'39.6375"N	80°50'0.8960"W	52.65	20.382	1.40	1.38	-1.38	
1303.00	9.480	16.310	1299.05	-52.79	63.73	22.87	1687582.10	14226687.83	39°10'39.7795"N	80°50'0.8381"W	67.71	19.739	0.83	0.73	-2.59	
1397.00	11.520	13.690	1391.47	-67.01	80.28	27.26	1687586.49	14226704.37	39°10'39.9430"N	80°50'0.7819"W	84.79	18.758	2.23	2.17	-2.79	
1492.00	11.650	12.570	1484.53	-83.16	98.86	31.60	1687590.82	14226722.94	39°10'40.1266"N	80°50'0.7264"W	103.79	17.724	0.27	0.14	-1.18	
1587.00	12.590	8.530	1577.42	-100.51	118.46	35.22	1687594.45	14226742.54	39°10'40.3203"N	80°50'0.6800"W	123.59	16.558	1.33	0.99	-4.25	
1681.00	13.850	10.310	1668.93	-119.40	139.67	38.75	1687597.98	14226763.73	39°10'40.5298"N	80°50'0.6346"W	144.94	15.508	1.41	1.34	1.89	
1776.00	13.810	14.000	1761.17	-138.82	161.85	43.53	1687602.75	14226785.91	39°10'40.7490"N	80°50'0.5734"W	167.61	15.054	0.93	-0.04	3.88	
1871.00	14.140	12.030	1853.36	-158.26	184.21	48.69	1687607.91	14226808.25	39°10'40.9698"N	80°50'0.5074"W	190.53	14.807	0.61	0.35	-2.07	
1966.00	15.360	11.920	1945.23	-178.99	207.87	53.71	1687612.93	14226831.90	39°10'41.2036"N	80°50'0.4431"W	214.69	14.488	1.28	1.28	-0.12	

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Actual Wellpath Report

Jenkins Unit 1H AWP Proj: 16348'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (188 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
2060.00	15.820	10.280	2035.77	-200.84	232.65	58.57	1687617.79	14226856.68	39°10'41.4485"N	80°50'0.3808"W	239.91	14.130	0.68	0.49	-1.74	
2155.00	15.710	9.910	2127.20	-223.39	258.07	63.09	1687622.31	14226882.08	39°10'41.6998"N	80°50'0.3228"W	265.67	13.739	0.16	-0.12	-0.39	
2249.00	15.450	15.610	2217.75	-244.83	282.66	68.65	1687627.87	14226906.67	39°10'41.9426"N	80°50'0.2516"W	290.88	13.652	1.65	-0.28	6.06	
2344.00	15.320	18.730	2309.35	-265.16	306.74	76.09	1687635.30	14226930.73	39°10'42.1804"N	80°50'0.1566"W	316.03	13.931	0.88	-0.14	3.28	
2439.00	14.280	20.700	2401.19	-284.10	329.58	84.26	1687643.47	14226953.57	39°10'42.4060"N	80°50'0.0523"W	340.18	14.341	1.22	-1.09	2.07	
2534.00	13.340	21.800	2493.45	-301.40	350.72	92.47	1687651.67	14226974.70	39°10'42.6148"N	80°49'59.9476"W	362.70	14.771	1.03	-0.99	1.16	
2628.00	13.710	22.290	2584.84	-317.97	371.09	100.72	1687659.92	14226995.07	39°10'42.8160"N	80°49'59.8423"W	384.52	15.186	0.41	0.39	0.52	
2723.00	13.700	21.460	2677.14	-334.98	391.98	109.11	1687668.31	14227015.94	39°10'43.0223"N	80°49'59.7353"W	406.88	15.555	0.21	-0.01	-0.87	
2803.00	13.830	18.930	2754.84	-349.72	409.84	115.68	1687674.87	14227033.80	39°10'43.1987"N	80°49'59.6515"W	425.85	15.762	0.77	0.16	-3.16	
2930.00	13.110	16.150	2878.35	-373.47	438.04	124.61	1687683.80	14227061.98	39°10'43.4772"N	80°49'59.5374"W	455.41	15.880	0.76	-0.57	-2.19	APS EM <8-3/4"> (2803')(2930'-5296')
3025.00	12.580	14.090	2970.97	-390.94	458.42	130.12	1687689.31	14227082.36	39°10'43.6786"N	80°49'59.4669"W	476.53	15.847	0.74	-0.56	-2.17	
3119.00	12.190	11.270	3062.78	-408.08	478.08	134.56	1687693.74	14227102.01	39°10'43.8729"N	80°49'59.4102"W	496.66	15.719	0.77	-0.41	-3.00	
3214.00	11.780	16.170	3155.71	-424.66	497.23	139.22	1687698.40	14227121.15	39°10'44.0621"N	80°49'59.3505"W	516.35	15.641	1.15	-0.43	5.16	
3308.00	12.170	22.340	3247.67	-439.94	515.61	145.66	1687704.84	14227139.53	39°10'44.2436"N	80°49'59.2684"W	535.79	15.774	1.42	0.41	6.56	
3404.00	12.490	19.060	3341.46	-455.70	534.78	152.89	1687712.07	14227158.69	39°10'44.4330"N	80°49'59.1760"W	556.21	15.955	0.80	0.33	-3.42	
3499.00	11.600	17.140	3434.37	-471.50	553.62	159.06	1687718.24	14227177.52	39°10'44.6191"N	80°49'59.0972"W	576.02	16.030	1.03	-0.94	-2.02	
3593.00	11.070	15.400	3526.53	-486.57	571.35	164.24	1687723.42	14227195.24	39°10'44.7942"N	80°49'59.0310"W	594.49	16.038	0.67	-0.56	-1.85	
3688.00	11.900	21.800	3619.63	-501.51	589.24	170.30	1687729.47	14227213.13	39°10'44.9709"N	80°49'58.9537"W	613.36	16.120	1.60	0.87	6.74	
3783.00	13.040	24.400	3712.39	-516.70	608.10	178.37	1687737.54	14227231.97	39°10'45.1571"N	80°49'58.8508"W	633.72	16.348	1.34	1.20	2.74	
3878.00	12.530	21.920	3805.04	-532.27	627.42	186.64	1687745.81	14227251.29	39°10'45.3479"N	80°49'58.7453"W	654.59	16.567	0.79	-0.54	-2.61	
3972.00	11.480	18.000	3896.98	-547.44	645.77	193.34	1687752.50	14227269.64	39°10'45.5293"N	80°49'58.6598"W	674.09	16.667	1.41	-1.12	-4.17	
4067.00	12.390	20.630	3989.93	-562.83	664.30	199.85	1687759.01	14227288.16	39°10'45.7123"N	80°49'58.5767"W	693.71	16.744	1.12	0.96	2.77	
4161.00	13.230	20.860	4081.59	-578.85	683.79	207.24	1687766.40	14227307.64	39°10'45.9048"N	80°49'58.4824"W	714.51	16.861	0.90	0.89	0.27	
4256.00	11.810	16.730	4174.33	-595.08	703.26	213.91	1687773.07	14227327.10	39°10'46.0971"N	80°49'58.3972"W	735.07	16.918	1.77	-1.49	-4.37	
4351.00	10.530	13.450	4267.53	-610.29	721.01	218.73	1687777.88	14227344.85	39°10'46.2725"N	80°49'58.3356"W	753.46	16.876	1.50	-1.35	-3.45	
4445.00	11.420	14.300	4359.81	-625.31	738.39	223.03	1687782.18	14227362.21	39°10'46.4441"N	80°49'58.2806"W	771.33	16.807	0.96	0.95	0.90	
4540.00	13.620	17.010	4452.54	-642.22	758.20	228.62	1687787.77	14227382.01	39°10'46.6398"N	80°49'58.2091"W	791.92	16.780	2.40	2.32	2.85	
4636.00	12.310	13.220	4546.09	-660.01	778.97	234.27	1687793.42	14227402.78	39°10'46.8450"N	80°49'58.1369"W	813.44	16.738	1.63	-1.36	-3.95	
4731.00	11.780	14.350	4639.00	-676.67	798.22	238.99	1687798.13	14227422.02	39°10'47.0352"N	80°49'58.0765"W	833.23	16.668	0.61	-0.56	1.19	
4825.00	13.500	15.080	4730.72	-693.77	818.12	244.22	1687803.37	14227441.91	39°10'47.2317"N	80°49'58.0096"W	853.79	16.621	1.84	1.83	0.78	

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Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

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4920.00	12.370	10.320	4823.31	-711.82	838.83	248.93	1687808.07	14227462.62	39°10'47.4364"N	80°49'57.9493"W	874.99	16.529	1.63	-1.19	-5.01	
5015.00	12.800	12.500	4916.03	-729.66	859.12	253.03	1687812.17	14227482.90	39°10'47.6389"N	80°49'57.8968"W	895.61	16.411	0.67	0.45	2.29	
5109.00	14.800	15.720	5007.31	-748.41	880.85	258.54	1687817.68	14227504.81	39°10'47.8515"N	80°49'57.8264"W	918.00	16.358	2.28	2.13	3.43	
5204.00	14.020	12.120	5099.32	-768.22	903.78	264.24	1687823.38	14227527.54	39°10'48.0780"N	80°49'57.7534"W	941.61	16.298	1.25	-0.82	-3.79	
5296.00	13.120	13.870	5188.76	-786.53	924.81	269.09	1687828.22	14227548.56	39°10'48.2858"N	80°49'57.6914"W	963.16	16.223	1.08	-0.98	1.90	
5361.00	12.570	13.660	5252.13	-798.68	938.85	272.52	1687831.66	14227562.59	39°10'48.4245"N	80°49'57.6474"W	977.60	16.187	0.85	-0.85	-0.32	BH AT Curve <8-1/2"> (5296')(5361'-16323')
5419.00	11.070	15.620	5308.90	-808.57	950.34	275.51	1687834.64	14227574.08	39°10'48.5381"N	80°49'57.6092"W	989.47	16.167	2.68	-2.59	3.38	
5513.00	11.360	15.510	5401.10	-823.62	967.95	280.42	1687839.55	14227591.69	39°10'48.7121"N	80°49'57.5485"W	1007.75	16.157	0.31	0.31	-0.12	
5608.00	11.210	15.800	5494.27	-838.90	985.85	285.44	1687844.56	14227609.58	39°10'48.8889"N	80°49'57.4823"W	1026.34	16.147	0.17	-0.16	0.31	
5702.00	11.150	16.020	5586.48	-853.85	1003.38	290.43	1687849.56	14227627.10	39°10'49.0621"N	80°49'57.4185"W	1044.57	16.143	0.08	-0.06	0.23	
5797.00	11.240	16.950	5679.67	-868.86	1021.07	295.67	1687854.79	14227644.78	39°10'49.2368"N	80°49'57.3516"W	1063.01	16.149	0.21	0.09	0.98	
5891.00	6.680	87.160	5772.74	-874.76	1030.13	303.82	1687862.94	14227653.84	39°10'49.3262"N	80°49'57.2478"W	1074.00	16.433	11.63	-4.85	74.69	
5986.00	7.060	137.010	5867.13	-867.88	1026.13	313.33	1687872.44	14227649.84	39°10'49.2865"N	80°49'57.1272"W	1072.90	16.980	6.09	0.40	52.47	
6080.00	10.260	166.550	5960.09	-854.26	1013.75	319.22	1687878.33	14227637.47	39°10'49.1640"N	80°49'57.0527"W	1062.82	17.479	5.72	3.40	31.43	
6175.00	15.170	154.200	6052.75	-833.48	994.32	326.60	1687885.71	14227618.04	39°10'48.9718"N	80°49'56.9594"W	1046.58	18.184	5.88	5.17	-13.00	
6269.00	20.350	152.810	6142.24	-805.07	968.69	339.43	1687898.54	14227592.42	39°10'48.7182"N	80°49'56.7970"W	1026.44	19.311	5.53	5.51	-1.48	
6288.00†	22.129	154.043	6159.95	-798.25	962.53	342.51	1687901.61	14227586.27	39°10'48.6573"N	80°49'56.7581"W	1021.66	19.588	9.65	9.36	6.49	Sycamore: 6288' MD
6364.00	29.310	157.540	6228.38	-765.42	932.43	355.90	1687915.00	14227556.18	39°10'48.3596"N	80°49'56.5888"W	998.04	20.891	9.65	9.45	4.60	
6458.00	37.140	152.760	6306.97	-714.28	885.86	377.72	1687936.81	14227509.62	39°10'47.8988"N	80°49'56.3128"W	963.02	23.093	8.78	8.33	-5.08	
6508.00†	42.129	152.577	6345.46	-682.73	857.53	392.36	1687951.44	14227481.31	39°10'47.6186"N	80°49'56.1278"W	943.03	24.586	9.98	9.98	-0.37	Middlesex: 6508' MD
6553.00	46.620	152.440	6377.62	-651.61	829.62	406.88	1687965.96	14227453.41	39°10'47.3425"N	80°49'55.9438"W	924.03	26.125	9.98	9.98	-0.30	
6648.00	56.530	157.720	6436.61	-577.69	762.15	437.97	1687997.04	14227385.97	39°10'46.6751"N	80°49'55.5506"W	879.03	29.884	11.30	10.43	5.56	
6691.00†	60.594	158.501	6459.04	-541.06	728.12	451.64	1688010.70	14227351.95	39°10'46.3384"N	80°49'55.3778"W	856.82	31.811	9.58	9.45	1.82	Burkett: 6691' MD
6742.00	65.420	159.350	6482.18	-495.66	685.72	467.97	1688027.02	14227309.57	39°10'45.9191"N	80°49'55.1714"W	830.19	34.312	9.58	9.46	1.67	
6813.00†	71.481	158.956	6508.24	-429.69	624.04	491.46	1688050.51	14227247.91	39°10'45.3090"N	80°49'54.8746"W	794.33	38.222	8.55	8.54	-0.55	Tully: 6813' MD
6837.00	73.530	158.830	6515.46	-406.81	602.69	499.71	1688058.75	14227226.57	39°10'45.0978"N	80°49'54.7704"W	782.90	39.663	8.55	8.54	-0.53	
6917.00†	75.590	158.591	6536.76	-329.76	530.84	527.70	1688086.73	14227154.75	39°10'44.3872"N	80°49'54.4166"W	748.51	44.830	2.59	2.57	-0.30	Marcellus POE: 6917' MD
6931.00	75.950	158.550	6540.20	-316.21	518.21	532.68	1688091.69	14227142.12	39°10'44.2622"N	80°49'54.3539"W	743.15	45.788	2.59	2.57	-0.30	
7026.00	81.450	159.090	6558.80	-223.15	431.37	566.30	1688125.32	14227055.32	39°10'43.4033"N	80°49'53.9287"W	711.89	52.702	5.82	5.79	0.57	
7120.00	90.370	161.130	6565.50	-129.50	343.30	598.16	1688157.16	14226967.28	39°10'42.5322"N	80°49'53.5263"W	689.67	60.147	9.73	9.49	2.17	

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Actual Wellpath Report

Jenkins Unit 1H AWP Proj: 16348'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (188 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
7215.00	89.450	158.050	6565.65	-34.54	254.27	631.28	1688190.27	14226878.29	39°10'41.6517"N	80°49'53.1078"W	680.57	68.061	3.38	-0.97	-3.24	
7309.00	89.750	158.630	6566.31	59.36	166.91	665.98	1688224.95	14226790.97	39°10'40.7876"N	80°49'52.6693"W	686.58	75.930	0.69	0.32	0.62	
7404.00	90.000	160.690	6566.52	154.33	77.84	699.00	1688257.96	14226701.93	39°10'39.9066"N	80°49'52.2521"W	703.32	83.646	2.18	0.26	2.17	
7498.00	89.850	161.260	6566.64	248.33	-11.02	729.64	1688288.59	14226613.10	39°10'39.0277"N	80°49'51.8651"W	729.72	90.866	0.63	-0.16	0.61	
7593.00	90.030	161.030	6566.74	343.33	-100.93	760.34	1688319.28	14226523.23	39°10'38.1386"N	80°49'51.4774"W	767.01	97.561	0.31	0.19	-0.24	
7687.00	89.820	160.940	6566.86	437.33	-189.80	790.97	1688349.89	14226434.40	39°10'37.2596"N	80°49'51.0906"W	813.42	103.493	0.24	-0.22	-0.10	
7782.00	90.150	161.080	6566.89	532.33	-279.63	821.88	1688380.79	14226344.61	39°10'36.3712"N	80°49'50.7001"W	868.15	108.790	0.38	0.35	0.15	
7877.00	90.800	161.080	6566.10	627.32	-369.49	852.68	1688411.58	14226254.78	39°10'35.4824"N	80°49'50.3111"W	929.30	113.428	0.68	0.68	0.00	
7971.00	89.910	160.640	6565.52	721.32	-458.29	883.50	1688442.39	14226166.01	39°10'34.6042"N	80°49'49.9219"W	995.29	117.417	1.06	-0.95	-0.47	
8066.00	90.000	161.230	6565.59	816.32	-548.08	914.53	1688473.41	14226076.26	39°10'33.7161"N	80°49'49.5300"W	1066.19	120.934	0.63	0.09	0.62	
8160.00	89.660	160.560	6565.87	910.32	-636.90	945.30	1688504.16	14225987.47	39°10'32.8376"N	80°49'49.1414"W	1139.84	123.970	0.80	-0.36	-0.71	
8255.00	90.710	161.290	6565.56	1005.32	-726.68	976.35	1688535.20	14225897.73	39°10'31.9497"N	80°49'48.7494"W	1217.09	126.660	1.35	1.11	0.77	
8350.00	90.220	160.430	6564.79	1100.31	-816.43	1007.49	1688566.33	14225808.02	39°10'31.0621"N	80°49'48.3560"W	1296.76	129.020	1.04	-0.52	-0.91	
8445.00	90.620	159.730	6564.10	1195.30	-905.74	1039.86	1688598.68	14225718.74	39°10'30.1787"N	80°49'47.9471"W	1379.01	131.057	0.85	0.42	-0.74	
8539.00	90.550	159.450	6563.14	1289.27	-993.83	1072.64	1688631.45	14225630.68	39°10'29.3074"N	80°49'47.5330"W	1462.28	132.816	0.31	-0.07	-0.30	
8634.00	91.110	160.410	6561.76	1384.24	-1083.05	1105.23	1688664.03	14225541.50	39°10'28.4249"N	80°49'47.1212"W	1547.43	134.419	1.17	0.59	1.01	
8728.00	90.830	161.090	6560.17	1478.22	-1171.78	1136.22	1688695.01	14225452.80	39°10'27.5474"N	80°49'46.7299"W	1632.20	135.883	0.78	-0.30	0.72	
8823.00	92.430	161.310	6557.47	1573.18	-1261.68	1166.82	1688725.60	14225362.95	39°10'26.6583"N	80°49'46.3435"W	1718.52	137.237	1.70	1.68	0.23	
8918.00	89.750	158.980	6555.66	1668.14	-1351.00	1199.08	1688757.84	14225273.66	39°10'25.7749"N	80°49'45.9360"W	1806.37	138.409	3.74	-2.82	-2.45	
9012.00	92.000	162.610	6554.22	1762.11	-1439.74	1229.99	1688788.74	14225184.96	39°10'24.8972"N	80°49'45.5457"W	1893.60	139.492	4.54	2.39	3.86	
9106.00	90.680	160.240	6552.02	1856.07	-1528.81	1259.92	1688818.66	14225095.92	39°10'24.0163"N	80°49'45.1677"W	1981.07	140.507	2.89	-1.40	-2.52	
9201.00	90.620	160.110	6550.95	1951.05	-1618.17	1292.14	1688850.86	14225006.60	39°10'23.1324"N	80°49'44.7608"W	2070.77	141.392	0.15	-0.06	-0.14	
9295.00	91.970	160.670	6548.82	2045.02	-1706.69	1323.68	1688882.39	14224918.11	39°10'22.2569"N	80°49'44.3624"W	2159.84	142.204	1.55	1.44	0.60	
9390.00	90.400	160.270	6546.86	2140.00	-1796.21	1355.43	1688914.13	14224828.63	39°10'21.3716"N	80°49'43.9614"W	2250.23	142.962	1.71	-1.65	-0.42	
9485.00	90.740	160.010	6545.91	2234.98	-1885.55	1387.70	1688946.39	14224739.32	39°10'20.4879"N	80°49'43.5538"W	2341.16	143.648	0.45	0.36	-0.27	
9579.00	90.340	160.310	6545.03	2328.97	-1973.97	1419.60	1688978.28	14224650.94	39°10'19.6134"N	80°49'43.1508"W	2431.42	144.278	0.53	-0.43	0.32	
9674.00	91.020	161.000	6543.90	2423.96	-2063.60	1451.07	1689009.73	14224561.35	39°10'18.7269"N	80°49'42.7535"W	2522.70	144.886	1.02	0.72	0.73	
9768.00	90.740	160.830	6542.46	2517.95	-2152.42	1481.80	1689040.45	14224472.56	39°10'17.8484"N	80°49'42.3654"W	2613.17	145.455	0.35	-0.30	-0.18	
9863.00	90.620	160.010	6541.33	2612.93	-2241.92	1513.64	1689072.27	14224383.10	39°10'16.9632"N	80°49'41.9633"W	2705.05	145.975	0.87	-0.13	-0.86	
9958.00	90.310	159.620	6540.56	2707.91	-2331.08	1546.41	1689105.04	14224293.97	39°10'16.0813"N	80°49'41.5493"W	2797.38	146.440	0.52	-0.33	-0.41	

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Actual Wellpath Report

Jenkins Unit 1H AWP Proj: 16348'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (188 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
10052.00	90.650	159.950	6539.77	2801.89	-2419.29	1578.89	1689137.50	14224205.80	39°10'15.2089"N	80°49'41.1390"W	2888.92	146.870	0.50	0.36	0.35	
10147.00	90.370	159.750	6538.92	2896.87	-2508.47	1611.62	1689170.21	14224116.65	39°10'14.3268"N	80°49'40.7256"W	2981.57	147.280	0.36	-0.29	-0.21	
10242.00	90.120	160.240	6538.52	2991.85	-2597.74	1644.12	1689202.70	14224027.42	39°10'13.4439"N	80°49'40.3151"W	3074.31	147.670	0.58	-0.26	0.52	
10336.00	90.800	160.540	6537.76	3085.84	-2686.28	1675.66	1689234.24	14223938.91	39°10'12.5682"N	80°49'39.9167"W	3166.06	148.045	0.79	0.72	0.32	
10431.00	90.710	160.970	6536.51	3180.83	-2775.96	1706.97	1689265.53	14223849.27	39°10'11.6812"N	80°49'39.5214"W	3258.79	148.412	0.46	-0.09	0.45	
10525.00	90.740	161.100	6535.32	3274.83	-2864.85	1737.52	1689296.07	14223760.41	39°10'10.8020"N	80°49'39.1357"W	3350.58	148.763	0.14	0.03	0.14	
10619.00	90.090	160.070	6534.64	3368.82	-2953.50	1768.77	1689327.30	14223671.80	39°10'9.9252"N	80°49'38.7411"W	3442.63	149.084	1.30	-0.69	-1.10	
10714.00	90.710	161.100	6533.98	3463.81	-3043.10	1800.34	1689358.86	14223582.24	39°10'9.0391"N	80°49'38.3423"W	3535.77	149.391	1.27	0.65	1.08	
10809.00	90.250	159.710	6533.18	3558.80	-3132.59	1832.20	1689390.71	14223492.78	39°10'8.1539"N	80°49'37.9400"W	3629.06	149.677	1.54	-0.48	-1.46	
10904.00	90.860	161.180	6532.26	3653.79	-3222.10	1864.00	1689422.49	14223403.30	39°10'7.2686"N	80°49'37.5385"W	3722.42	149.950	1.68	0.64	1.55	
10998.00	90.650	162.040	6531.02	3747.78	-3311.30	1893.65	1689452.13	14223314.15	39°10'6.3865"N	80°49'37.1641"W	3814.52	150.236	0.94	-0.22	0.91	
11092.00	91.110	161.710	6529.58	3841.75	-3400.62	1922.89	1689481.36	14223224.86	39°10'5.5030"N	80°49'36.7951"W	3906.62	150.514	0.60	0.49	-0.35	
11187.00	90.580	161.360	6528.18	3936.74	-3490.72	1952.97	1689511.43	14223134.80	39°10'4.6119"N	80°49'36.4153"W	3999.90	150.774	0.67	-0.56	-0.37	
11281.00	90.800	161.440	6527.05	4030.73	-3579.80	1982.95	1689541.40	14223045.75	39°10'3.7309"N	80°49'36.0368"W	4092.32	151.017	0.25	0.23	0.09	
11376.00	87.230	159.820	6528.68	4125.69	-3669.39	2014.45	1689572.89	14222956.19	39°10'2.8448"N	80°49'35.6391"W	4185.99	151.234	4.13	-3.76	-1.71	
11470.00	90.620	161.080	6530.44	4219.66	-3757.95	2045.89	1689604.32	14222867.68	39°10'1.9689"N	80°49'35.2420"W	4278.77	151.435	3.85	3.61	1.34	
11565.00	90.920	161.990	6529.17	4314.64	-3848.05	2075.98	1689634.39	14222777.61	39°10'1.0778"N	80°49'34.8622"W	4372.32	151.654	1.01	0.32	0.96	
11659.00	90.490	161.860	6528.01	4408.62	-3937.40	2105.14	1689663.54	14222688.29	39°10'0.1941"N	80°49'34.4941"W	4464.83	151.869	0.48	-0.46	-0.14	
11753.00	90.310	161.380	6527.35	4502.61	-4026.60	2134.78	1689693.17	14222599.13	39°09'59.3119"N	80°49'34.1200"W	4557.50	152.069	0.55	-0.19	-0.51	
11848.00	90.740	161.750	6526.48	4597.60	-4116.72	2164.82	1689723.20	14222509.04	39°09'58.4206"N	80°49'33.7408"W	4651.22	152.262	0.60	0.45	0.39	
11942.00	90.580	161.590	6525.40	4691.59	-4205.95	2194.38	1689752.75	14222419.85	39°09'57.5381"N	80°49'33.3676"W	4743.98	152.447	0.24	-0.17	-0.17	
12037.00	90.520	161.670	6524.49	4786.58	-4296.10	2224.32	1689782.67	14222329.73	39°09'56.6465"N	80°49'32.9897"W	4837.78	152.627	0.11	-0.06	0.08	
12131.00	90.370	161.540	6523.76	4880.57	-4385.30	2253.98	1689812.32	14222240.58	39°09'55.7643"N	80°49'32.6153"W	4930.65	152.797	0.21	-0.16	-0.14	
12226.00	89.970	161.100	6523.48	4975.57	-4475.29	2284.41	1689842.74	14222150.62	39°09'54.8742"N	80°49'32.2312"W	5024.62	152.958	0.63	-0.42	-0.46	
12320.00	90.120	161.460	6523.40	5069.57	-4564.32	2314.58	1689872.89	14222061.63	39°09'53.9937"N	80°49'31.8504"W	5117.64	153.110	0.41	0.16	0.38	
12414.00	90.400	161.300	6522.98	5163.56	-4653.40	2344.59	1689902.89	14221972.58	39°09'53.1127"N	80°49'31.4715"W	5210.68	153.259	0.34	0.30	-0.17	
12509.00	90.180	161.260	6522.50	5258.56	-4743.37	2375.08	1689933.37	14221882.64	39°09'52.2228"N	80°49'31.0866"W	5304.77	153.402	0.24	-0.23	-0.04	
12604.00	90.400	161.220	6522.01	5353.56	-4833.32	2405.63	1689963.91	14221792.73	39°09'51.3332"N	80°49'30.7009"W	5398.89	153.540	0.24	0.23	-0.04	
12698.00	92.190	161.890	6519.89	5447.53	-4922.47	2435.36	1689993.63	14221703.62	39°09'50.4515"N	80°49'30.3256"W	5491.96	153.676	2.03	1.90	0.71	
12793.00	90.060	161.740	6518.02	5542.49	-5012.70	2465.01	1690023.26	14221613.42	39°09'49.5591"N	80°49'29.9515"W	5586.00	153.814	2.25	-2.24	-0.16	

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Jenkins Unit 1H AWP Proj: 16348'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (188 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
12887.00	89.880	161.140	6518.07	5636.49	-5101.81	2494.92	1690053.17	14221524.35	39°09'48.6778"N	80°49'29.5739"W	5679.18	153.940	0.67	-0.19	-0.64	
12982.00	90.460	161.880	6517.79	5731.48	-5191.90	2525.05	1690083.28	14221434.29	39°09'47.7867"N	80°49'29.1936"W	5773.37	154.064	0.99	0.61	0.78	
13076.00	90.460	162.020	6517.04	5825.47	-5281.27	2554.18	1690112.40	14221344.95	39°09'46.9028"N	80°49'28.8260"W	5866.49	154.190	0.15	0.00	0.15	
13171.00	89.940	161.220	6516.71	5920.46	-5371.43	2584.13	1690142.34	14221254.84	39°09'46.0112"N	80°49'28.4479"W	5960.70	154.308	1.00	-0.55	-0.84	
13265.00	89.880	161.300	6516.85	6014.46	-5460.44	2614.33	1690172.53	14221165.86	39°09'45.1308"N	80°49'28.0667"W	6054.02	154.416	0.11	-0.06	0.09	
13360.00	90.180	161.780	6516.80	6109.45	-5550.55	2644.41	1690202.60	14221075.78	39°09'44.2396"N	80°49'27.6870"W	6148.30	154.526	0.60	0.32	0.51	
13454.00	90.340	161.440	6516.38	6203.44	-5639.75	2674.07	1690232.24	14220986.62	39°09'43.3574"N	80°49'27.3127"W	6241.59	154.632	0.40	0.17	-0.36	
13549.00	90.340	161.710	6515.81	6298.44	-5729.88	2704.09	1690262.25	14220896.53	39°09'42.4660"N	80°49'26.9338"W	6335.90	154.736	0.28	0.00	0.28	
13643.00	90.400	160.150	6515.21	6392.43	-5818.72	2734.80	1690292.95	14220807.73	39°09'41.5873"N	80°49'26.5461"W	6429.36	154.826	1.66	0.06	-1.66	
13738.00	90.590	162.040	6514.39	6487.42	-5908.59	2765.58	1690323.72	14220717.89	39°09'40.6985"N	80°49'26.1576"W	6523.79	154.918	2.00	0.20	1.99	
13832.00	90.220	161.790	6513.72	6581.41	-5997.94	2794.76	1690352.88	14220628.58	39°09'39.8148"N	80°49'25.7893"W	6617.10	155.017	0.48	-0.39	-0.27	
13927.00	90.120	161.080	6513.44	6676.40	-6088.00	2825.01	1690383.12	14220538.56	39°09'38.9241"N	80°49'25.4076"W	6711.51	155.107	0.75	-0.11	-0.75	
14021.00	90.120	161.430	6513.24	6770.40	-6177.01	2855.21	1690413.31	14220449.58	39°09'38.0437"N	80°49'25.0263"W	6804.98	155.192	0.37	0.00	0.37	
14116.00	89.970	161.340	6513.17	6865.40	-6267.04	2885.54	1690443.63	14220359.58	39°09'37.1533"N	80°49'24.6435"W	6899.43	155.277	0.18	-0.16	-0.09	
14210.00	90.220	161.530	6513.01	6959.40	-6356.15	2915.47	1690473.54	14220270.51	39°09'36.2719"N	80°49'24.2658"W	6992.89	155.360	0.33	0.27	0.20	
14305.00	89.970	162.500	6512.85	7054.38	-6446.47	2944.92	1690502.98	14220180.23	39°09'35.3787"N	80°49'23.8941"W	7087.27	155.448	0.90	-0.26	0.86	
14399.00	90.830	160.910	6512.20	7148.37	-6535.67	2974.54	1690532.59	14220091.06	39°09'34.4964"N	80°49'23.5203"W	7180.73	155.529	1.78	0.91	-1.53	
14494.00	89.850	160.400	6511.63	7243.37	-6625.30	3006.01	1690564.05	14220001.46	39°09'33.6099"N	80°49'23.1230"W	7275.35	155.595	1.16	-1.03	-0.54	
14588.00	87.350	160.360	6513.93	7337.33	-6713.81	3037.56	1690595.59	14219912.99	39°09'32.7345"N	80°49'22.7247"W	7368.99	155.656	2.66	-2.66	-0.04	
14683.00	90.090	160.920	6516.05	7432.29	-6803.41	3069.04	1690627.05	14219823.43	39°09'31.8483"N	80°49'22.3272"W	7463.60	155.720	2.94	2.88	0.59	
14778.00	90.460	161.290	6515.60	7527.29	-6893.29	3099.80	1690657.81	14219733.58	39°09'30.9593"N	80°49'21.9389"W	7558.19	155.787	0.55	0.39	0.39	
14872.00	90.430	161.750	6514.87	7621.28	-6982.44	3129.60	1690687.59	14219644.47	39°09'30.0776"N	80°49'21.5629"W	7651.72	155.858	0.49	-0.03	0.49	
14967.00	90.520	161.720	6514.08	7716.27	-7072.65	3159.37	1690717.35	14219554.30	39°09'29.1854"N	80°49'21.1872"W	7746.23	155.930	0.10	0.09	-0.03	
15061.00	90.150	161.570	6513.53	7810.26	-7161.87	3188.97	1690746.94	14219465.12	39°09'28.3030"N	80°49'20.8136"W	7839.76	155.998	0.42	-0.39	-0.16	
15156.00	90.250	161.450	6513.20	7905.26	-7251.96	3219.10	1690777.05	14219375.06	39°09'27.4119"N	80°49'20.4334"W	7934.33	156.064	0.16	0.11	-0.13	
15251.00	90.150	161.290	6512.87	8000.25	-7341.98	3249.45	1690807.39	14219285.07	39°09'26.5216"N	80°49'20.0504"W	8028.92	156.127	0.20	-0.11	-0.17	
15345.00	90.890	161.330	6512.01	8094.25	-7431.02	3279.57	1690837.50	14219196.07	39°09'25.6409"N	80°49'19.6702"W	8122.54	156.186	0.79	0.79	0.04	
15440.00	90.400	161.660	6510.94	8189.24	-7521.10	3309.72	1690867.64	14219106.02	39°09'24.7500"N	80°49'19.2897"W	8217.13	156.248	0.62	-0.52	0.35	
15534.00	90.550	161.850	6510.16	8283.23	-7610.37	3339.15	1690897.05	14219016.79	39°09'23.8671"N	80°49'18.9183"W	8310.70	156.310	0.26	0.16	0.20	
15629.00	90.430	161.680	6509.35	8378.21	-7700.60	3368.87	1690926.77	14218926.60	39°09'22.9747"N	80°49'18.5432"W	8405.27	156.371	0.22	-0.13	-0.18	

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Jenkins Unit 1H AWP Proj: 16348'

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Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

WELLPATH DATA (188 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
15723.00	90.220	161.570	6508.82	8472.20	-7789.81	3398.50	1690956.39	14218837.43	39°09'22.0924"N	80°49'18.1693"W	8498.88	156.430	0.25	-0.22	-0.12	
15818.00	90.550	161.870	6508.18	8567.19	-7880.01	3428.30	1690986.17	14218747.26	39°09'21.2003"N	80°49'17.7933"W	8593.47	156.488	0.47	0.35	0.32	
15912.00	90.680	161.490	6507.17	8661.18	-7969.24	3457.85	1691015.71	14218658.06	39°09'20.3178"N	80°49'17.4205"W	8687.09	156.544	0.43	0.14	-0.40	
16101.00	89.940	160.520	6506.15	8850.18	-8147.94	3519.36	1691077.20	14218479.43	39°09'18.5503"N	80°49'16.6441"W	8875.52	156.639	0.65	-0.39	-0.51	
16196.00	90.490	160.410	6505.79	8945.17	-8237.47	3551.13	1691108.95	14218389.94	39°09'17.6647"N	80°49'16.2431"W	8970.31	156.679	0.59	0.58	-0.12	
16290.00	91.170	161.030	6504.43	9039.16	-8326.19	3582.16	1691139.97	14218301.25	39°09'16.7873"N	80°49'15.8513"W	9064.07	156.721	0.98	0.72	0.66	
16323.00	90.340	160.780	6504.00	9072.16	-8357.37	3592.96	1691150.76	14218270.09	39°09'16.4789"N	80°49'15.7151"W	9096.98	156.736	2.63	-2.52	-0.76	
16348.00‡	90.340	160.780	6503.85	9097.15	-8380.98	3601.19	1691158.99	14218246.49	39°09'16.2454"N	80°49'15.6112"W	9121.92	156.748	0.00	0.00	0.00	Projected MD at TD: 16348'

HOLE & CASING SECTIONS - Ref Wellbore: Jenkins Unit 1H AWB Ref Wellpath: Jenkins Unit 1H AWP Proj: 16348'

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	0.20	-0.65
17.5in Open Hole	130.00	457.00	327.00	130.00	456.99	0.20	-0.65	-0.26	-1.77
13.375in Casing Surface	30.00	437.00	407.00	30.00	436.99	0.00	0.00	-0.30	-1.76
12.25in Open Hole	457.00	2878.00	2421.00	456.99	2827.73	-0.26	-1.77	426.62	121.17
9.625in Casing Intermediate	30.00	2858.00	2828.00	30.00	2808.28	0.00	0.00	422.18	119.77
8.75in Open Hole	2878.00	5375.00	2497.00	2827.73	5265.80	426.62	121.17	941.76	273.24
8.5in Open Hole	5375.00	16348.00	10973.00	5265.80	6503.85	941.76	273.24	-8380.98	3601.19
5.5in Casing Production	30.00	16328.00	16298.00	30.00	6503.97	0.00	0.00	-8362.09	3594.60

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Jenkins Unit 1H AWP Proj: 16348'

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Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Jenkins Unit 1H POE Rev-2	6521.00	570.97	537.09	1688096.12	14227194.86	39°10'44.7836"N	80°49'54.2964"W	point
Jenkins Unit 1H BHL Rev-2	6548.00	-8369.55	3621.39	1691179.18	14218257.91	39°09'16.3579"N	80°49'15.3545"W	point
Jenkins Unit 1H LP Rev-2	6548.00	386.82	600.62	1688159.62	14227010.79	39°10'42.9624"N	80°49'53.4940"W	point
Jenkins Unit 1H 50' L/R Hard Line	7000.00	-3899.29	2079.24	1689637.65	14222726.38	39°10'0.5712"N	80°49'34.8220"W	rectangle
2D Rectangle 9457.58 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Jenkins Unit 1H AWB Ref Wellpath: Jenkins Unit 1H AWP Proj: 16348'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	526.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (98'-526')	Jenkins Unit 1H AWB	4/4/2023
526.00	2803.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (526')(653'-2803')	Jenkins Unit 1H AWB	4/4/2023
2803.00	5296.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2803')(2930'-5296')	Jenkins Unit 1H AWB	5/9/2023
5296.00	16348.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (5296')(5361'-16323')	Jenkins Unit 1H AWB	5/9/2023

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Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 1H
Field	Doddridge	API	47-017-06942-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 1H AWB
Slot	Slot E		

COMMENTS

Wellpath general comments

API: 47-017-06942-0000

BH Job #: 111750214

Rig: H&P 531

Duration: 5/11/2023-5/14/2023

Gyrodata MS Gyro <17-1/2"> (98'-526')

APS EM <12-1/4"> (526')(653'-2803')

APS EM <8-3/4"> (2803')(2930'-5296')

BH AT Curve <8-1/2"> (5296')(5361'-16323')

Sycamore: 6288' MD

Middlesex: 6508' MD

Burkett: 6691' MD

Tully: 6813' MD

Marcellus POE: 6917' MD

Projected MD at TD: 16348'

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