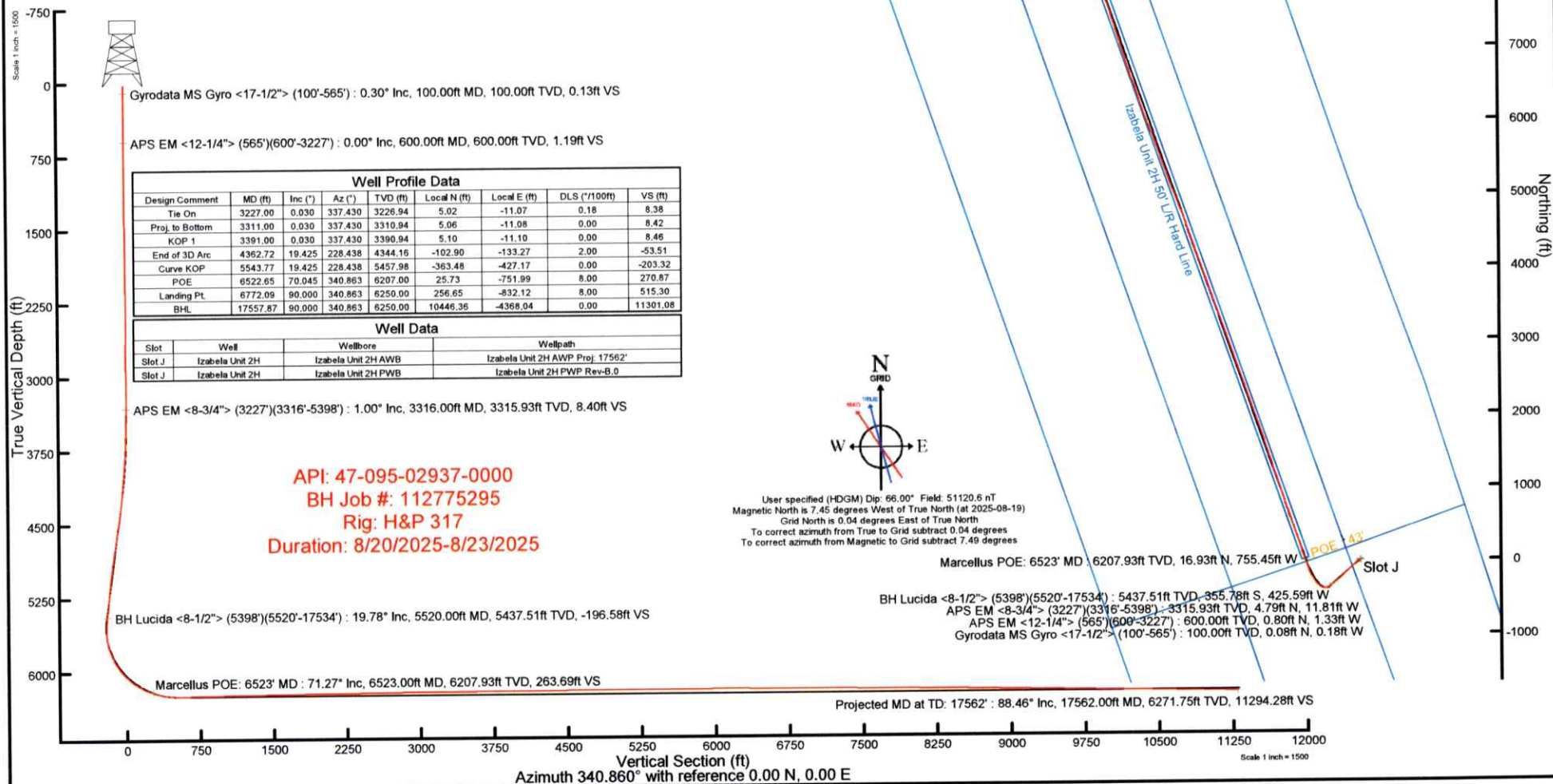






Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'
Page 1 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet [32067]	Software System	WellArchitect® 7.0
North Reference	Grid	Report Generated By	Edsaryar on 2025-09-17 at 4:59:20 PM
Scale	0.999600	Last Updated	2025-09-17
Convergence at slot	0.04° 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	-324.65	265.30	1660215.52	14368650.04	39°34'3.7901"N	80°55'47.0839"W
Facility Reference Pt			1659950.33	14368974.56	39°34'7.0007"N	80°55'50.4683"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	1116.50ft
Horizontal Reference Pt	Slot	H&P 317 (RKB) to Mean Sea Level	1116.50ft
Vertical Reference Pt	H&P 317 (RKB)	H&P 317 (RKB) to Ground Level at Slot (Slot J)	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	340.860°

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Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

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Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (190 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	294.440	0.00	0.00	0.00	0.00	1660215.52	14368650.04	39°34'3.7901"N	80°55'47.0839"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	294.440	25.50	0.00	0.00	0.00	1660215.52	14368650.04	39°34'3.7901"N	80°55'47.0839"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.300	294.440	100.00	0.13	0.08	-0.18	1660215.34	14368650.12	39°34'3.7909"N	80°55'47.0861"W	0.20	294.440	0.40	0.40	0.00	Gyrodatta MS Gyro <17-1/2"> (100'-565')
200.00	0.170	310.000	200.00	0.44	0.28	-0.53	1660214.99	14368650.32	39°34'3.7929"N	80°55'47.0906"W	0.60	298.236	0.14	-0.13	15.56	
300.00	0.130	302.490	300.00	0.66	0.44	-0.74	1660214.78	14368650.48	39°34'3.7945"N	80°55'47.0933"W	0.86	300.812	0.04	-0.04	-7.51	
400.00	0.150	277.910	400.00	0.81	0.52	-0.96	1660214.56	14368650.56	39°34'3.7953"N	80°55'47.0962"W	1.10	298.320	0.06	0.02	-24.58	
500.00	0.180	334.660	500.00	1.02	0.68	-1.16	1660214.36	14368650.72	39°34'3.7968"N	80°55'47.0987"W	1.35	300.341	0.16	0.03	56.75	
565.00	0.150	281.840	565.00	1.17	0.79	-1.29	1660214.23	14368650.83	39°34'3.7979"N	80°55'47.1003"W	1.51	301.500	0.23	-0.05	-81.26	
600.00	0.000	352.550	600.00	1.19	0.80	-1.33	1660214.19	14368650.84	39°34'3.7980"N	80°55'47.1009"W	1.55	300.932	0.43	-0.43	0.00	APS EM <12-1/4"> (565')(600'-3227')
691.00	0.180	233.860	691.00	1.15	0.71	-1.45	1660214.07	14368650.75	39°34'3.7972"N	80°55'47.1023"W	1.61	296.256	0.20	0.20	0.00	
782.00	0.100	214.070	782.00	1.06	0.56	-1.61	1660213.91	14368650.60	39°34'3.7957"N	80°55'47.1044"W	1.70	289.336	0.10	-0.09	-21.75	
872.00	0.220	250.540	872.00	1.01	0.44	-1.82	1660213.71	14368650.48	39°34'3.7945"N	80°55'47.1070"W	1.87	283.677	0.17	0.13	40.52	
961.00	0.060	148.390	961.00	0.97	0.35	-1.95	1660213.57	14368650.38	39°34'3.7935"N	80°55'47.1088"W	1.98	280.027	0.27	-0.18	-114.78	
1051.00	0.000	352.550	1051.00	0.92	0.30	-1.93	1660213.59	14368650.34	39°34'3.7931"N	80°55'47.1085"W	1.95	278.993	0.07	-0.07	0.00	
1145.00	0.070	352.000	1145.00	0.98	0.36	-1.94	1660213.59	14368650.40	39°34'3.7937"N	80°55'47.1086"W	1.97	280.591	0.07	0.07	0.00	
1240.00	0.410	334.570	1240.00	1.37	0.73	-2.09	1660213.43	14368650.77	39°34'3.7973"N	80°55'47.1105"W	2.21	289.169	0.36	0.36	-18.35	
1335.00	0.610	320.120	1334.99	2.18	1.42	-2.56	1660212.96	14368651.46	39°34'3.8042"N	80°55'47.1165"W	2.93	299.045	0.25	0.21	-15.21	
1429.00	0.450	335.820	1428.99	3.02	2.14	-3.03	1660212.49	14368652.18	39°34'3.8113"N	80°55'47.1225"W	3.71	305.245	0.23	-0.17	16.70	
1524.00	0.630	318.110	1523.98	3.87	2.87	-3.53	1660211.99	14368652.91	39°34'3.8185"N	80°55'47.1289"W	4.55	309.100	0.26	0.19	-18.64	
1618.00	0.500	321.120	1617.98	4.73	3.58	-4.14	1660211.39	14368653.61	39°34'3.8255"N	80°55'47.1366"W	5.47	310.844	0.14	-0.14	3.20	
1713.00	0.570	298.080	1712.97	5.47	4.12	-4.81	1660210.71	14368654.16	39°34'3.8309"N	80°55'47.1453"W	6.34	310.568	0.24	0.07	-24.25	
1807.00	0.640	289.010	1806.97	6.14	4.51	-5.72	1660209.80	14368654.55	39°34'3.8347"N	80°55'47.1569"W	7.29	308.256	0.13	0.07	-9.65	
1902.00	0.800	280.730	1901.96	6.80	4.81	-6.87	1660208.65	14368654.85	39°34'3.8377"N	80°55'47.1716"W	8.39	304.966	0.20	0.17	-8.72	
1996.00	0.710	277.110	1995.95	7.38	5.00	-8.10	1660207.43	14368655.04	39°34'3.8396"N	80°55'47.1872"W	9.52	301.705	0.11	-0.10	-3.85	
2091.00	0.600	279.910	2090.95	7.88	5.16	-9.17	1660206.35	14368655.20	39°34'3.8412"N	80°55'47.2009"W	10.52	299.365	0.12	-0.12	2.95	
2186.00	0.680	291.950	2185.94	8.49	5.46	-10.18	1660205.34	14368655.49	39°34'3.8441"N	80°55'47.2138"W	11.55	298.182	0.16	0.08	12.67	
2280.00	0.040	191.640	2279.94	8.83	5.63	-10.71	1660204.82	14368655.67	39°34'3.8459"N	80°55'47.2205"W	12.10	297.747	0.73	-0.68	-106.71	
2375.00	0.210	138.600	2374.94	8.64	5.47	-10.60	1660204.92	14368655.51	39°34'3.8443"N	80°55'47.2191"W	11.93	297.296	0.20	0.18	-55.83	
2470.00	0.070	72.080	2469.94	8.48	5.36	-10.43	1660205.09	14368655.40	39°34'3.8431"N	80°55'47.2170"W	11.72	297.188	0.20	-0.15	-70.02	
2564.00	0.150	171.140	2563.94	8.36	5.25	-10.36	1660205.17	14368655.29	39°34'3.8421"N	80°55'47.2160"W	11.61	296.898	0.19	0.09	105.38	



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (190 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
2659.00	0.130	163.220	2658.94	8.13	5.03	-10.31	1660205.22	14368655.07	39°34'3.8399"N	80°55'47.2154"W	11.47	296.004	0.03	-0.02	-8.34	
2754.00	0.070	86.290	2753.94	8.01	4.93	-10.22	1660205.31	14368654.97	39°34'3.8389"N	80°55'47.2143"W	11.34	295.750	0.14	-0.06	-80.98	
2848.00	0.100	222.750	2847.94	7.95	4.87	-10.21	1660205.31	14368654.91	39°34'3.8383"N	80°55'47.2142"W	11.32	295.496	0.17	0.03	145.17	
2943.00	0.410	318.060	2942.94	8.23	5.06	-10.50	1660205.03	14368655.10	39°34'3.8402"N	80°55'47.2179"W	11.66	295.748	0.45	0.33	100.33	
3037.00	0.130	236.130	3036.94	8.51	5.25	-10.81	1660204.71	14368655.29	39°34'3.8421"N	80°55'47.2219"W	12.02	295.918	0.44	-0.30	-87.16	
3132.00	0.150	219.130	3131.94	8.42	5.10	-10.98	1660204.54	14368655.14	39°34'3.8406"N	80°55'47.2240"W	12.11	294.904	0.05	0.02	-17.89	
3227.00	0.030	337.430	3226.94	8.38	5.02	-11.07	1660204.46	14368655.06	39°34'3.8399"N	80°55'47.2251"W	12.15	294.415	0.18	-0.13	124.53	
3316.00	1.000	250.650	3315.93	8.40	4.79	-11.81	1660203.72	14368654.83	39°34'3.8375"N	80°55'47.2346"W	12.74	292.070	1.12	1.09	-97.51	APS EM <8-3/4"> (3227')(3316'-5398')
3410.00	3.270	237.630	3409.86	7.78	3.08	-14.85	1660200.68	14368653.12	39°34'3.8207"N	80°55'47.2734"W	15.16	281.722	2.45	2.41	-13.85	
3505.00	5.650	236.270	3504.57	5.98	-0.97	-21.03	1660194.50	14368649.07	39°34'3.7807"N	80°55'47.3524"W	21.05	267.367	2.51	2.51	-1.43	
3599.00	7.170	235.100	3597.98	3.22	-6.89	-29.69	1660185.85	14368643.15	39°34'3.7222"N	80°55'47.4630"W	30.48	256.928	1.62	1.62	-1.24	
3694.00	7.430	233.240	3692.21	-0.25	-13.96	-39.47	1660176.07	14368636.08	39°34'3.6524"N	80°55'47.5880"W	41.87	250.520	0.37	0.27	-1.96	
3789.00	6.830	227.270	3786.47	-4.37	-21.47	-48.54	1660167.00	14368628.58	39°34'3.5783"N	80°55'47.7039"W	53.08	246.139	1.00	-0.63	-6.28	
3883.00	8.250	225.440	3879.66	-9.50	-30.00	-57.45	1660158.09	14368620.06	39°34'3.4941"N	80°55'47.8178"W	64.81	242.431	1.53	1.51	-1.95	
3978.00	10.220	223.360	3973.42	-16.32	-40.91	-68.10	1660147.45	14368609.15	39°34'3.3864"N	80°55'47.9538"W	79.44	239.006	2.10	2.07	-2.19	
4072.00	11.350	223.170	4065.76	-24.47	-53.72	-80.15	1660135.40	14368596.35	39°34'3.2598"N	80°55'48.1078"W	96.49	236.170	1.20	1.20	-0.20	
4167.00	12.760	226.380	4158.66	-33.16	-67.77	-94.14	1660121.42	14368582.29	39°34'3.1210"N	80°55'48.2866"W	116.00	234.250	1.64	1.48	3.38	
4262.00	15.240	228.510	4250.84	-42.26	-83.28	-111.09	1660104.47	14368566.79	39°34'2.9679"N	80°55'48.5032"W	138.84	233.142	2.67	2.61	2.24	
4356.00	17.160	229.110	4341.10	-52.09	-100.55	-130.83	1660084.74	14368549.53	39°34'2.7974"N	80°55'48.7555"W	165.01	232.457	2.05	2.04	0.64	
4451.00	18.650	228.250	4431.50	-63.13	-119.84	-152.76	1660062.82	14368530.25	39°34'2.6069"N	80°55'49.0357"W	194.16	231.886	1.59	1.57	-0.91	
4546.00	20.620	227.410	4520.97	-75.62	-141.28	-176.41	1660039.18	14368508.82	39°34'2.3952"N	80°55'49.3379"W	226.01	231.311	2.09	2.07	-0.88	
4640.00	19.900	224.920	4609.15	-89.21	-163.81	-199.89	1660015.71	14368486.30	39°34'2.1727"N	80°55'49.6379"W	258.44	230.667	1.19	-0.77	-2.65	
4735.00	19.510	223.060	4698.59	-103.68	-186.84	-222.14	1659993.47	14368463.27	39°34'1.9452"N	80°55'49.9222"W	290.27	229.933	0.78	-0.41	-1.96	
4830.00	19.760	225.520	4788.07	-117.95	-209.69	-244.43	1659971.19	14368440.44	39°34'1.7196"N	80°55'50.2071"W	322.05	229.375	0.91	0.26	2.59	
4925.00	19.190	226.000	4877.63	-131.39	-231.79	-267.12	1659948.51	14368418.35	39°34'1.5014"N	80°55'50.4970"W	353.66	229.051	0.62	-0.60	0.51	
5019.00	19.170	231.240	4966.42	-143.07	-252.18	-290.27	1659925.37	14368397.96	39°34'1.3000"N	80°55'50.7928"W	384.51	229.016	1.83	-0.02	5.57	
5114.00	19.650	230.920	5056.02	-153.75	-272.02	-314.83	1659900.81	14368378.13	39°34'1.1041"N	80°55'51.1067"W	416.07	229.173	0.52	0.51	-0.34	
5208.00	19.460	233.150	5144.60	-163.91	-291.37	-339.63	1659876.03	14368358.79	39°34'0.9130"N	80°55'51.4235"W	447.49	229.374	0.82	-0.20	2.37	
5303.00	20.400	235.150	5233.91	-173.20	-310.32	-365.88	1659849.79	14368339.84	39°34'0.7259"N	80°55'51.7589"W	479.76	229.697	1.22	0.99	2.11	
5398.00	20.430	232.940	5322.95	-182.79	-329.78	-392.70	1659822.98	14368320.40	39°34'0.5339"N	80°55'52.1015"W	512.80	229.978	0.81	0.03	-2.33	



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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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
5520.00	19.780	230.340	5437.51	-196.58	-355.78	-425.59	1659790.10	14368294.40	39°34'0.2771"N	80°55'52.5217"W	554.71	230.105	0.91	-0.53	-2.13	BH Lucida <8-1/2"> (5398')(5520'-17534')
5615.00	17.700	243.520	5527.51	-204.06	-372.49	-450.90	1659764.80	14368277.70	39°34'0.1121"N	80°55'52.8451"W	584.86	230.440	4.95	-2.19	13.87	
5709.00	17.670	261.690	5617.14	-203.20	-380.93	-477.83	1659737.88	14368269.26	39°34'0.0289"N	80°55'53.1890"W	611.09	231.438	5.85	-0.03	19.33	
5804.00	20.940	283.660	5706.90	-191.28	-379.00	-508.64	1659707.08	14368271.19	39°34'0.0482"N	80°55'53.5824"W	634.32	233.309	8.32	3.44	23.13	
5898.00	25.240	304.580	5793.50	-165.97	-363.63	-541.53	1659674.20	14368286.56	39°34'0.2004"N	80°55'54.0023"W	652.29	236.119	9.79	4.57	22.26	
5993.00	30.340	313.610	5877.55	-128.27	-335.55	-575.62	1659640.13	14368314.62	39°34'0.4781"N	80°55'54.4373"W	666.28	239.760	6.95	5.37	9.51	
6087.00	37.000	321.830	5955.78	-80.35	-296.88	-610.35	1659605.42	14368353.28	39°34'0.8607"N	80°55'54.8803"W	678.72	244.061	8.57	7.09	8.74	
6146.00†	41.480	326.365	6001.47	-44.62	-266.63	-632.16	1659583.62	14368383.52	39°34'1.1598"N	80°55'55.1585"W	686.09	247.131	9.01	7.59	7.69	Sycamore: 6146' MD
6182.00	44.290	328.750	6027.85	-20.78	-245.95	-645.29	1659570.49	14368404.19	39°34'1.3642"N	80°55'55.3260"W	690.57	249.136	9.01	7.81	6.63	
6276.00	51.010	334.060	6091.16	47.69	-184.95	-678.34	1659537.45	14368465.17	39°34'1.9674"N	80°55'55.7475"W	703.10	254.749	8.27	7.15	5.65	
6287.00†	52.011	334.761	6098.01	56.24	-177.18	-682.06	1659533.73	14368472.93	39°34'2.0441"N	80°55'55.7949"W	704.70	255.438	10.37	9.10	6.37	Middlesex: 6287' MD
6371.00	59.770	339.560	6145.10	125.57	-113.12	-708.90	1659506.90	14368536.97	39°34'2.6775"N	80°55'56.1370"W	717.87	260.934	10.37	9.24	5.71	
6452.00†	65.931	340.420	6182.04	197.60	-45.42	-733.54	1659482.28	14368604.64	39°34'3.3468"N	80°55'56.4509"W	734.94	266.457	7.66	7.61	1.00	Burkett: 6452' MD
6465.00	66.920	340.550	6187.24	209.52	-34.19	-737.52	1659478.30	14368615.86	39°34'3.4578"N	80°55'56.5016"W	738.31	267.346	7.66	7.61	1.00	
6523.00†	71.273	340.780	6207.93	263.69	16.93	-755.45	1659460.37	14368666.96	39°34'3.9631"N	80°55'56.7301"W	755.64	271.284	7.51	7.51	0.40	Marcellus POE: 6523' MD
6560.00	74.050	340.920	6218.95	299.00	50.29	-767.04	1659448.79	14368700.31	39°34'4.2929"N	80°55'56.8778"W	768.68	273.751	7.51	7.51	0.38	
6655.00	80.980	341.250	6239.48	391.70	137.98	-797.08	1659418.76	14368787.96	39°34'5.1598"N	80°55'57.2606"W	808.94	279.821	7.30	7.29	0.35	
6749.00	87.750	341.470	6248.70	485.18	226.57	-826.96	1659388.89	14368876.52	39°34'6.0356"N	80°55'57.6413"W	857.44	285.322	7.21	7.20	0.23	
6844.00	90.860	341.610	6249.86	580.16	316.66	-857.04	1659358.83	14368966.57	39°34'6.9262"N	80°55'58.0245"W	913.67	290.278	3.28	3.27	0.15	
6938.00	90.860	341.630	6248.44	674.14	405.86	-886.67	1659329.20	14369055.73	39°34'7.8080"N	80°55'58.4020"W	975.15	294.595	0.02	0.00	0.02	
7033.00	90.890	341.460	6246.99	769.12	495.96	-916.74	1659299.15	14369145.80	39°34'8.6987"N	80°55'58.7852"W	1042.30	298.413	0.18	0.03	-0.18	
7128.00	90.920	341.760	6245.49	864.10	586.10	-946.71	1659269.19	14369235.90	39°34'9.5898"N	80°55'59.1670"W	1113.45	301.761	0.32	0.03	0.32	
7222.00	90.710	341.350	6244.16	958.09	675.26	-976.45	1659239.46	14369325.03	39°34'10.4712"N	80°55'59.5459"W	1187.19	304.666	0.49	-0.22	-0.44	
7317.00	90.370	341.390	6243.26	1053.08	765.28	-1006.80	1659209.13	14369415.01	39°34'11.3611"N	80°55'59.9325"W	1264.63	307.239	0.36	-0.36	0.04	
7412.00	90.740	341.840	6242.34	1148.06	855.42	-1036.76	1659179.18	14369505.12	39°34'12.2523"N	80°56'0.3143"W	1344.10	309.526	0.61	0.39	0.47	
7506.00	90.620	340.950	6241.23	1242.05	944.50	-1066.74	1659149.20	14369594.16	39°34'13.1329"N	80°56'0.6963"W	1424.79	311.522	0.96	-0.13	-0.95	
7601.00	90.890	342.040	6239.97	1337.04	1034.58	-1096.89	1659119.07	14369684.21	39°34'14.0234"N	80°56'1.0805"W	1507.82	313.326	1.18	0.28	1.15	
7696.00	90.830	341.770	6238.55	1432.01	1124.87	-1126.40	1659089.58	14369774.46	39°34'14.9160"N	80°56'1.4564"W	1591.89	314.961	0.29	-0.06	-0.28	
7885.00	90.520	341.370	6236.32	1620.98	1304.17	-1186.14	1659029.85	14369953.68	39°34'16.6884"N	80°56'2.2177"W	1762.89	317.713	0.27	-0.16	-0.21	
7980.00	90.620	341.570	6235.38	1715.97	1394.24	-1216.33	1658999.68	14370043.72	39°34'17.5788"N	80°56'2.6023"W	1850.23	318.899	0.24	0.11	0.21	



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (190 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
8074.00	91.230	342.090	6233.86	1809.95	1483.54	-1245.64	1658970.38	14370132.98	39°34'18.4616"N	80°56'2.9758"W	1937.14	319.982	0.85	0.65	0.55	
8169.00	90.650	341.570	6232.30	1904.92	1573.79	-1275.26	1658940.77	14370223.20	39°34'19.3538"N	80°56'3.3532"W	2025.61	320.982	0.82	-0.61	-0.55	
8263.00	90.550	341.660	6231.32	1998.91	1662.98	-1304.91	1658911.14	14370312.36	39°34'20.2355"N	80°56'3.7309"W	2113.84	321.879	0.14	-0.11	0.10	
8358.00	90.430	341.630	6230.50	2093.89	1753.15	-1334.82	1658881.23	14370402.48	39°34'21.1269"N	80°56'4.1121"W	2203.47	322.715	0.13	-0.13	-0.03	
8453.00	90.220	340.620	6229.96	2188.89	1843.04	-1365.55	1658850.51	14370492.34	39°34'22.0155"N	80°56'4.5037"W	2293.80	323.464	1.09	-0.22	-1.06	
8547.00	90.430	340.210	6229.43	2282.88	1931.60	-1397.06	1658819.02	14370580.86	39°34'22.8910"N	80°56'4.9052"W	2383.87	324.123	0.49	0.22	-0.44	
8642.00	90.280	340.500	6228.84	2377.88	2021.07	-1429.00	1658787.09	14370670.29	39°34'23.7754"N	80°56'5.3123"W	2475.23	324.738	0.34	-0.16	0.31	
8736.00	90.770	340.820	6227.98	2471.87	2109.76	-1460.13	1658755.98	14370758.95	39°34'24.6522"N	80°56'5.7090"W	2565.75	325.314	0.62	0.52	0.34	
8831.00	90.490	340.570	6226.94	2566.87	2199.41	-1491.53	1658724.58	14370848.57	39°34'25.5385"N	80°56'6.1092"W	2657.46	325.857	0.40	-0.29	-0.26	
8925.00	90.770	340.670	6225.90	2660.86	2288.08	-1522.72	1658693.41	14370937.20	39°34'26.4150"N	80°56'6.5067"W	2748.45	326.356	0.32	0.30	0.11	
9020.00	91.020	341.580	6224.42	2755.85	2377.96	-1553.45	1658662.69	14371027.04	39°34'27.3036"N	80°56'6.8983"W	2840.41	326.845	0.99	0.26	0.96	
9115.00	90.000	340.470	6223.57	2850.84	2467.79	-1584.34	1658631.81	14371116.84	39°34'28.1916"N	80°56'7.2919"W	2932.60	327.299	1.59	-1.07	-1.17	
9209.00	90.150	340.470	6223.45	2944.84	2556.38	-1615.77	1658600.40	14371205.39	39°34'29.0674"N	80°56'7.6924"W	3024.20	327.705	0.16	0.16	0.00	
9304.00	90.250	341.000	6223.12	3039.84	2646.06	-1647.11	1658569.07	14371295.04	39°34'29.9539"N	80°56'8.0918"W	3116.83	328.099	0.57	0.11	0.56	
9399.00	90.120	340.680	6222.81	3134.84	2735.80	-1678.29	1658537.91	14371384.74	39°34'30.8411"N	80°56'8.4892"W	3209.55	328.473	0.36	-0.14	-0.34	
9493.00	89.850	340.470	6222.84	3228.83	2824.45	-1709.55	1658506.66	14371473.35	39°34'31.7174"N	80°56'8.8876"W	3301.52	328.815	0.36	-0.29	-0.22	
9588.00	90.520	340.590	6222.53	3323.83	2914.01	-1741.21	1658475.00	14371562.88	39°34'32.6028"N	80°56'9.2912"W	3394.60	329.140	0.72	0.71	0.13	
9682.00	90.990	340.410	6221.29	3417.82	3002.61	-1772.59	1658443.64	14371651.45	39°34'33.4787"N	80°56'9.6910"W	3486.80	329.445	0.54	0.50	-0.19	
9777.00	90.890	340.370	6219.73	3512.81	3092.09	-1804.47	1658411.78	14371740.89	39°34'34.3633"N	80°56'10.0973"W	3580.10	329.733	0.11	-0.11	-0.04	
9872.00	90.890	340.890	6218.26	3607.79	3181.70	-1835.97	1658380.28	14371830.47	39°34'35.2491"N	80°56'10.4989"W	3673.42	330.013	0.55	0.00	0.55	
9966.00	90.220	340.520	6217.35	3701.79	3270.42	-1867.03	1658349.24	14371919.14	39°34'36.1262"N	80°56'10.8947"W	3765.83	330.279	0.81	-0.71	-0.39	
10061.00	90.150	340.330	6217.04	3796.78	3359.93	-1898.86	1658317.42	14372008.62	39°34'37.0110"N	80°56'11.3004"W	3859.38	330.527	0.21	-0.07	-0.20	
10155.00	90.250	340.380	6216.71	3890.78	3448.45	-1930.46	1658285.83	14372097.11	39°34'37.8862"N	80°56'11.7032"W	3952.03	330.760	0.12	0.11	0.05	
10250.00	90.370	340.340	6216.20	3985.78	3537.93	-1962.39	1658253.92	14372186.55	39°34'38.7707"N	80°56'12.1101"W	4045.73	330.984	0.13	0.13	-0.04	
10345.00	90.280	340.500	6215.66	4080.77	3627.43	-1994.23	1658222.09	14372276.02	39°34'39.6555"N	80°56'12.5159"W	4139.47	331.200	0.19	-0.09	0.17	
10439.00	90.280	340.140	6215.20	4174.77	3715.94	-2025.88	1658190.45	14372364.49	39°34'40.5305"N	80°56'12.9194"W	4232.31	331.401	0.38	0.00	-0.38	
10534.00	89.940	340.460	6215.02	4269.76	3805.38	-2057.91	1658158.44	14372453.89	39°34'41.4146"N	80°56'13.3276"W	4326.19	331.596	0.49	-0.36	0.34	
10628.00	90.460	340.700	6214.69	4363.76	3894.03	-2089.16	1658127.20	14372542.51	39°34'42.2910"N	80°56'13.7259"W	4419.06	331.786	0.61	0.55	0.26	
10723.00	90.370	340.510	6214.00	4458.76	3983.64	-2120.71	1658095.66	14372632.08	39°34'43.1768"N	80°56'14.1280"W	4512.96	331.971	0.22	-0.09	-0.20	
10817.00	90.520	340.450	6213.27	4552.75	4072.23	-2152.12	1658064.27	14372720.64	39°34'44.0526"N	80°56'14.5283"W	4605.94	332.144	0.17	0.16	-0.06	



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	U/M	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (190 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
10912.00	90.990	340.960	6212.02	4647.74	4161.89	-2183.50	1658032.89	14372810.26	39°34'44.9389"N	80°56'14.9284"W	4699.89	332.317	0.73	0.49	0.54	
11007.00	90.180	340.900	6211.05	4742.74	4251.67	-2214.54	1658001.87	14372900.00	39°34'45.8265"N	80°56'15.3240"W	4793.84	332.487	0.85	-0.85	-0.06	
11101.00	90.030	340.120	6210.88	4836.73	4340.28	-2245.90	1657970.52	14372988.58	39°34'46.7025"N	80°56'15.7237"W	4886.93	332.640	0.84	-0.16	-0.83	
11196.00	90.250	340.660	6210.64	4931.73	4429.77	-2277.79	1657938.65	14373078.03	39°34'47.5871"N	80°56'16.1301"W	4981.08	332.788	0.61	0.23	0.57	
11290.00	90.310	340.070	6210.19	5025.72	4518.30	-2309.37	1657907.07	14373166.53	39°34'48.4623"N	80°56'16.5328"W	5074.27	332.928	0.63	0.06	-0.63	
11385.00	90.000	340.420	6209.93	5120.72	4607.71	-2341.48	1657874.98	14373255.90	39°34'49.3462"N	80°56'16.9421"W	5168.51	333.062	0.49	-0.33	0.37	
11479.00	89.970	339.810	6209.95	5214.71	4696.11	-2373.46	1657843.02	14373344.26	39°34'50.2200"N	80°56'17.3496"W	5261.82	333.188	0.65	-0.03	-0.65	
11574.00	90.400	338.300	6209.65	5309.66	4784.83	-2407.41	1657809.07	14373432.94	39°34'51.0971"N	80°56'17.7825"W	5356.32	333.291	1.65	0.45	-1.59	
11668.00	90.030	338.420	6209.29	5403.57	4872.20	-2442.08	1657774.42	14373520.28	39°34'51.9609"N	80°56'18.2245"W	5449.96	333.379	0.41	-0.39	0.13	
11763.00	89.720	339.990	6209.50	5498.53	4961.01	-2475.80	1657740.71	14373609.06	39°34'52.8388"N	80°56'18.6545"W	5544.48	333.478	1.68	-0.33	1.65	
11857.00	90.000	339.880	6209.73	5592.51	5049.30	-2508.05	1657708.47	14373697.31	39°34'53.7117"N	80°56'19.0656"W	5637.89	333.586	0.32	0.30	-0.12	
11952.00	90.340	339.440	6209.45	5687.49	5138.38	-2541.08	1657675.47	14373786.35	39°34'54.5922"N	80°56'19.4865"W	5732.36	333.686	0.59	0.36	-0.46	
12047.00	89.910	339.500	6209.24	5782.46	5227.34	-2574.39	1657642.16	14373875.28	39°34'55.4717"N	80°56'19.9113"W	5826.89	333.780	0.46	-0.45	0.06	
12141.00	90.180	340.310	6209.17	5876.45	5315.62	-2606.69	1657609.88	14373963.53	39°34'56.3444"N	80°56'20.3230"W	5920.36	333.877	0.91	0.29	0.86	
12236.00	90.340	340.620	6208.74	5971.45	5405.15	-2638.45	1657578.13	14374053.02	39°34'57.2295"N	80°56'20.7279"W	6014.74	333.981	0.37	0.17	0.33	
12425.00	89.910	341.300	6208.32	6160.44	5583.81	-2700.11	1657516.49	14374231.61	39°34'58.9956"N	80°56'21.5138"W	6202.38	334.193	0.43	-0.23	0.36	
12520.00	89.910	340.770	6208.47	6255.44	5673.65	-2730.98	1657485.63	14374321.41	39°34'59.8837"N	80°56'21.9074"W	6296.71	334.296	0.56	0.00	-0.56	
12615.00	89.690	339.090	6208.80	6350.43	5762.88	-2763.58	1657453.05	14374410.61	39°35'0.7658"N	80°56'22.3230"W	6391.26	334.380	1.78	-0.23	-1.77	
12709.00	89.480	336.190	6209.49	6444.26	5849.80	-2799.34	1657417.31	14374497.49	39°35'1.6251"N	80°56'22.7789"W	6485.09	334.427	3.09	-0.22	-3.09	
12804.00	89.720	337.460	6210.15	6539.02	5937.13	-2836.72	1657379.94	14374584.79	39°35'2.4885"N	80°56'23.2556"W	6580.01	334.462	1.36	0.25	1.34	
12899.00	90.490	338.070	6209.97	6633.88	6025.06	-2872.67	1657344.00	14374672.69	39°35'3.3578"N	80°56'23.7140"W	6674.85	334.509	1.03	0.81	0.64	
12993.00	89.510	341.710	6209.97	6727.85	6113.32	-2904.98	1657311.70	14374760.90	39°35'4.2302"N	80°56'24.1260"W	6768.43	334.583	4.01	-1.04	3.87	
13088.00	90.150	342.690	6210.26	6822.83	6203.77	-2934.03	1657282.67	14374851.32	39°35'5.1243"N	80°56'24.4961"W	6862.60	334.689	1.23	0.67	1.03	
13182.00	89.850	341.820	6210.26	6916.80	6293.30	-2962.67	1657254.04	14374940.81	39°35'6.0093"N	80°56'24.8613"W	6955.79	334.791	0.98	-0.32	-0.93	
13277.00	89.720	341.860	6210.61	7011.78	6383.56	-2992.28	1657224.44	14375031.04	39°35'6.9017"N	80°56'25.2387"W	7050.08	334.885	0.14	-0.14	0.04	
13372.00	89.690	340.200	6211.10	7106.78	6473.40	-3023.16	1657193.57	14375120.84	39°35'7.7897"N	80°56'25.6323"W	7144.54	334.967	1.75	-0.03	-1.75	
13466.00	89.600	338.090	6211.68	7200.73	6561.23	-3056.63	1657160.12	14375208.64	39°35'8.6581"N	80°56'26.0590"W	7238.28	335.021	2.25	-0.10	-2.24	
13561.00	89.420	342.520	6212.50	7295.70	6650.65	-3088.63	1657128.13	14375298.02	39°35'9.5420"N	80°56'26.4670"W	7332.86	335.089	4.67	-0.19	4.66	
13655.00	89.510	342.430	6213.38	7389.66	6740.28	-3116.94	1657099.84	14375387.62	39°35'10.4280"N	80°56'26.8278"W	7426.08	335.183	0.14	0.10	-0.10	
13750.00	89.350	342.610	6214.32	7484.61	6830.89	-3145.47	1657071.31	14375478.19	39°35'11.3237"N	80°56'27.1915"W	7520.31	335.275	0.25	-0.17	0.19	

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Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (190 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
13844.00	89.570	342.360	6215.21	7578.57	6920.53	-3173.76	1657043.04	14375567.79	39°35'12.2098"N	80°56'27.5521"W	7613.57	335.364	0.35	0.23	-0.27	
13939.00	89.780	342.760	6215.75	7673.53	7011.16	-3202.23	1657014.58	14375658.39	39°35'13.1057"N	80°56'27.9150"W	7707.83	335.452	0.48	0.22	0.42	
14034.00	89.380	342.090	6216.44	7768.49	7101.72	-3230.92	1656985.90	14375748.91	39°35'14.0010"N	80°56'28.2806"W	7802.13	335.537	0.82	-0.42	-0.71	
14128.00	89.690	342.530	6217.20	7862.45	7191.28	-3259.48	1656957.35	14375838.43	39°35'14.8862"N	80°56'28.6447"W	7895.48	335.617	0.57	0.33	0.47	
14223.00	89.450	342.520	6217.92	7957.41	7281.89	-3288.00	1656928.84	14375929.00	39°35'15.7819"N	80°56'29.0083"W	7989.80	335.699	0.25	-0.25	-0.01	
14317.00	89.600	342.340	6218.70	8051.37	7371.50	-3316.38	1656900.47	14376018.58	39°35'16.6678"N	80°56'29.3699"W	8083.15	335.777	0.25	0.16	-0.19	
14412.00	89.880	343.020	6219.13	8146.32	7462.19	-3344.66	1656872.20	14376109.23	39°35'17.5643"N	80°56'29.7304"W	8177.47	335.857	0.77	0.29	0.72	
14507.00	89.200	341.110	6219.89	8241.29	7552.57	-3373.91	1656842.96	14376199.57	39°35'18.4577"N	80°56'30.1033"W	8271.91	335.929	2.13	-0.72	-2.01	
14601.00	89.350	337.600	6221.08	8335.24	7640.51	-3407.05	1656809.84	14376287.48	39°35'19.3270"N	80°56'30.5258"W	8365.73	335.967	3.74	0.16	-3.73	
14696.00	89.290	340.150	6222.21	8430.17	7729.11	-3441.28	1656775.62	14376376.05	39°35'20.2029"N	80°56'30.9623"W	8460.59	336.000	2.68	-0.06	2.68	
14790.00	89.350	336.250	6223.32	8524.04	7816.37	-3476.18	1656740.74	14376463.27	39°35'21.0655"N	80°56'31.4074"W	8554.50	336.024	4.15	0.06	-4.15	
14885.00	89.320	339.430	6224.43	8618.89	7904.33	-3512.01	1656704.92	14376551.20	39°35'21.9351"N	80°56'31.8643"W	8649.43	336.044	3.35	-0.03	3.35	
15074.00	88.890	341.330	6227.38	8807.85	8082.33	-3575.46	1656641.50	14376729.12	39°35'23.6947"N	80°56'32.6733"W	8837.87	336.136	1.03	-0.23	1.01	
15169.00	88.920	342.420	6229.20	8902.82	8172.60	-3605.01	1656611.96	14376819.35	39°35'24.5870"N	80°56'33.0500"W	8932.38	336.197	1.15	0.03	1.15	
15264.00	89.140	342.930	6230.80	8997.76	8263.27	-3633.29	1656583.69	14376910.00	39°35'25.4834"N	80°56'33.4106"W	9026.77	336.265	0.58	0.23	0.54	
15358.00	89.110	342.690	6232.24	9091.69	8353.06	-3661.07	1656555.92	14376999.75	39°35'26.3710"N	80°56'33.7646"W	9120.15	336.333	0.26	-0.03	-0.26	
15453.00	89.140	342.670	6233.69	9186.63	8443.75	-3689.35	1656527.65	14377090.40	39°35'27.2674"N	80°56'34.1251"W	9214.56	336.398	0.04	0.03	-0.02	
15548.00	88.890	342.490	6235.32	9281.57	8534.37	-3717.78	1656499.23	14377180.99	39°35'28.1633"N	80°56'34.4876"W	9309.00	336.461	0.32	-0.26	-0.19	
15642.00	89.170	342.600	6236.91	9375.52	8624.03	-3745.98	1656471.05	14377270.61	39°35'29.0495"N	80°56'34.8470"W	9402.46	336.522	0.32	0.30	0.12	
15737.00	89.290	342.770	6238.19	9470.46	8714.72	-3774.25	1656442.79	14377361.26	39°35'29.9460"N	80°56'35.2074"W	9496.91	336.583	0.22	0.13	0.18	
15831.00	89.320	342.600	6239.33	9564.41	8804.45	-3802.22	1656414.82	14377450.96	39°35'30.8330"N	80°56'35.5640"W	9590.38	336.643	0.18	0.03	-0.18	
15926.00	89.290	342.210	6240.48	9659.37	8895.00	-3830.94	1656386.12	14377541.47	39°35'31.7281"N	80°56'35.9301"W	9684.89	336.699	0.41	-0.03	-0.41	
16021.00	89.020	342.170	6241.88	9754.33	8985.44	-3859.99	1656357.08	14377631.87	39°35'32.6221"N	80°56'36.3005"W	9779.45	336.752	0.29	-0.28	-0.04	
16115.00	88.860	339.710	6243.62	9848.31	9074.26	-3890.68	1656326.40	14377720.66	39°35'33.5002"N	80°56'36.6918"W	9873.18	336.792	2.62	-0.17	-2.62	
16210.00	89.170	336.930	6245.26	9943.19	9162.52	-3925.77	1656291.33	14377808.88	39°35'34.3727"N	80°56'37.1392"W	9968.12	336.807	2.94	0.33	-2.93	
16304.00	88.830	337.950	6246.90	10037.01	9249.31	-3961.82	1656255.29	14377895.64	39°35'35.2307"N	80°56'37.5991"W	10062.10	336.813	1.14	-0.36	1.09	
16399.00	88.980	337.860	6248.71	10131.86	9337.32	-3997.55	1656219.57	14377983.61	39°35'36.1007"N	80°56'38.0548"W	10157.07	336.823	0.18	0.16	-0.09	
16494.00	89.140	340.480	6250.27	10226.80	9426.09	-4031.33	1656185.81	14378072.35	39°35'36.9782"N	80°56'38.4855"W	10251.97	336.845	2.76	0.17	2.76	
16588.00	88.920	338.720	6251.86	10320.76	9514.18	-4064.08	1656153.07	14378160.40	39°35'37.8490"N	80°56'38.9033"W	10345.84	336.870	1.89	-0.23	-1.87	
16683.00	88.920	340.780	6253.65	10415.72	9603.29	-4096.96	1656120.21	14378249.47	39°35'38.7299"N	80°56'39.3225"W	10440.70	336.896	2.17	0.00	2.17	



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

WELLPATH DATA (190 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
16778.00	88.860	341.440	6255.49	10510.70	9693.16	-4127.71	1656089.47	14378339.30	39°35'39.6183"N	80°56'39.7146"W	10535.43	336.934	0.70	-0.06	0.69	
16872.00	88.830	341.360	6257.39	10604.68	9782.23	-4157.69	1656059.50	14378428.34	39°35'40.4988"N	80°56'40.0968"W	10629.13	336.973	0.09	-0.03	-0.09	
16967.00	88.860	339.130	6259.30	10699.65	9871.61	-4189.79	1656027.42	14378517.69	39°35'41.3824"N	80°56'40.5062"W	10723.95	337.002	2.35	0.03	-2.35	
17061.00	89.080	342.830	6260.99	10793.62	9960.45	-4220.41	1655996.80	14378606.49	39°35'42.2606"N	80°56'40.8967"W	10817.69	337.037	3.94	0.23	3.94	
17156.00	88.800	342.600	6262.75	10888.55	10051.14	-4248.63	1655968.59	14378697.15	39°35'43.1571"N	80°56'41.2565"W	10912.21	337.086	0.38	-0.29	-0.24	
17251.00	88.830	342.500	6264.72	10983.49	10141.75	-4277.11	1655940.12	14378787.72	39°35'44.0527"N	80°56'41.6196"W	11006.76	337.133	0.11	0.03	-0.11	
17345.00	88.800	342.570	6266.66	11077.43	10231.40	-4305.32	1655911.93	14378877.33	39°35'44.9389"N	80°56'41.9792"W	11100.33	337.179	0.08	-0.03	0.07	
17439.00	88.740	342.460	6268.68	11171.37	10321.04	-4333.56	1655883.70	14378966.93	39°35'45.8250"N	80°56'42.3392"W	11193.91	337.224	0.13	-0.06	-0.12	
17534.00	88.460	342.500	6271.00	11266.30	10411.60	-4362.15	1655855.13	14379057.46	39°35'46.7202"N	80°56'42.7037"W	11288.48	337.268	0.30	-0.29	0.04	
17562.00‡	88.460	342.500	6271.75	11294.28	10438.30	-4370.56	1655846.71	14379084.15	39°35'46.9841"N	80°56'42.8110"W	11316.35	337.281	0.00	0.00	0.00	Projected MD at TD: 17562'

DIRECTIONAL DIFFICULTY INDEX

Directional Difficulty Index @ TD = 6.90				Reference: IADC/SPE 59196			
Values	Wellpath characterized as:			Values	Wellpath characterized as:		
< 6.0	Relatively short or simple profiles with low tortuosity			6.4-6.8	Longer with relatively tortuous well paths		
< 6.0-6.4	Shorter with high tortuosity or longer with lower tortuosity			> 6.8	Long tortuous profiles, high degree of difficulty		



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

HOLE & CASING SECTIONS - Ref Wellbore: Izabela Unit 2H AWB Ref Wellpath: Izabela Unit 2H AWP Proj: 17562'

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	125.50	100.00	25.50	125.50	0.00	0.00	0.14	-0.29
17 1/2in Open Hole	125.50	579.00	453.50	125.50	579.00	0.14	-0.29	0.80	-1.32
13 3/8in Casing Surface	25.50	559.00	533.50	25.50	559.00	0.00	0.00	0.79	-1.27
12 1/4in Open Hole	579.00	3311.00	2732.00	579.00	3310.93	0.80	-1.32	4.82	-11.73
9 5/8in Casing Intermediate	25.50	3281.00	3255.50	25.50	3280.94	0.00	0.00	4.95	-11.35
8 3/4in Open Hole	3311.00	5474.00	2163.00	3310.93	5394.26	4.82	-11.73	-345.90	-413.45
8 1/2in Open Hole	5474.00	17562.00	12088.00	5394.26	6271.75	-345.90	-413.45	10438.30	-4370.56
5 1/2in Casing Production	25.50	17542.00	17516.50	25.50	6271.21	0.00	0.00	10419.23	-4364.55

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Izabela Unit 2H POE Rev-1	6201.00	132.28	-502.98	1659712.74	14368782.27	39°34'5.1013"N	80°55'53.5052"W	point
Izabela Unit 2H POE Rev-2	6201.00	25.73	-751.99	1659463.83	14368675.76	39°34'4.0501"N	80°55'56.6859"W	point
Izabela Unit 2H POE Rev-4	6207.00	25.73	-751.99	1659463.83	14368675.76	39°34'4.0501"N	80°55'56.6859"W	point
Izabela Unit 2H POE Rev-3	6222.00	25.73	-751.99	1659463.83	14368675.76	39°34'4.0501"N	80°55'56.6859"W	point
Izabela Unit 2H BHL Rev-1	6249.00	10500.99	-4223.39	1655993.83	14379146.81	39°35'47.6028"N	80°56'40.9304"W	point
Izabela Unit 2H BHL Rev-2	6249.00	10446.36	-4368.04	1655849.23	14379092.21	39°35'47.0638"N	80°56'42.7788"W	point
Izabela Unit 2H BHL Rev-4	6250.00	10446.36	-4368.04	1655849.23	14379092.21	39°35'47.0638"N	80°56'42.7788"W	point
Izabela Unit 2H LP Rev-4	6250.00	256.65	-832.12	1659383.73	14368906.58	39°34'6.3329"N	80°55'57.7069"W	point

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Izabela Unit 2H BHL Rev-3	6267.00	10446.36	-4368.04	1655849.23	14379092.21	39°35'47.0638"N	80°56'42.7788"W	point
Izabela Unit 2H 50' L/R Hard Line	6500.00	5236.05	-2560.02	1657656.53	14373883.99	39°34'55.5577"N	80°56'19.7276"W	rectangle
2D Rectangle: 11030.2 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Izabela Unit 2H AWB Ref Wellpath: Izabela Unit 2H AWP Proj: 17562'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	565.00	Gyrodatta 2015 - GC+WIR+DPIPE	01 Gyrodatta MS Gyro <17-1/2"> (100'-565')	Izabela Unit 2H AWB	2025-08-05
565.00	3227.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (565')(600'-3227')	Izabela Unit 2H AWB	2025-08-05
3227.00	5398.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (3227')(3316'-5398')	Izabela Unit 2H AWB	2025-08-19
5398.00	17562.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH Lucida <8-1/2"> (5398')(5520'-17534')	Izabela Unit 2H AWB	2025-08-19



Actual Wellpath Report

Izabela Unit 2H AWP Proj: 17562'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 2H
Field	Tyler	UWI	47-095-02937-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 2H AWB
Slot	Slot J		

COMMENTS

Wellpath general comments

API: 47-095-02937-0000

BH Job #: 112775295

Rig: H&P 317

Duration: 8/20/2025-8/23/2025

Gyrodata MS Gyro <17-1/2"> (100'-565')

APS EM <12-1/4"> (565')(600'-3227')

APS EM <8-3/4"> (3227')(3316'-5398')

BH Lucida <8-1/2"> (5398')(5520'-17534')

Sycamore: 6146' MD

Middlesex: 6287' MD

Burkett: 6452' MD

Marcellus POE: 6523' MD

Projected MD at TD: 17562'