



ANTERO RESOURCES CORPORATION

Area: Tyler County, WV
Field: Tyler
Facility: Starkey Pad
Slot: Slot I

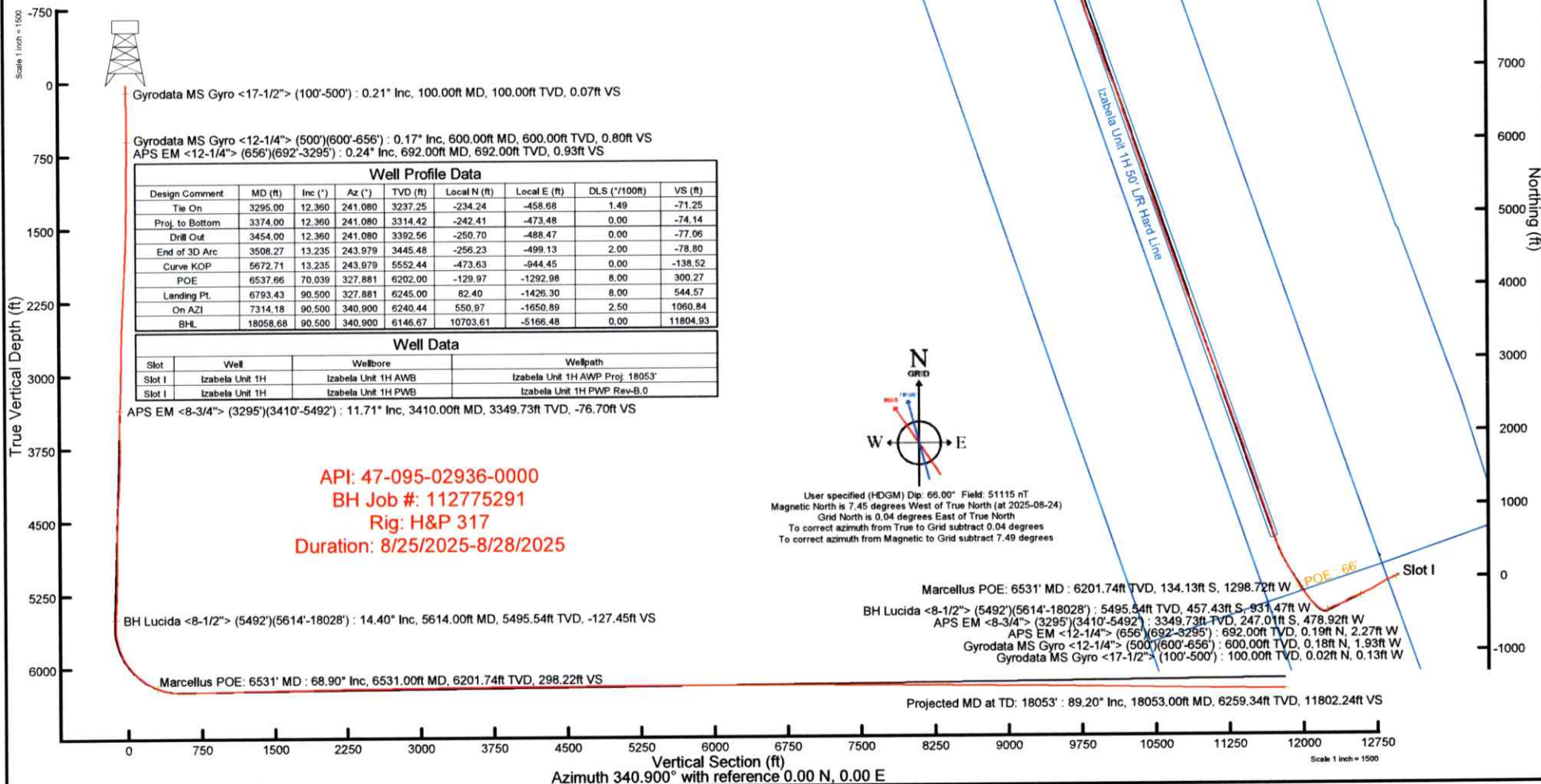
Well: Izabela Unit 1H
UWI: 47-095-02936-0000
Wellbore: Izabela Unit 1H PWB
Wellpath: Izabela Unit 1H PWP Rev-B.0



Plot reference wellpath is Izabela Unit 1H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 317 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 317 (RKB)	Scale: True distance
H&P 317 (RKB) to Mean Sea Level: 1116.5 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot I): -1091 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: edusany on 2025-09-17; Database: WA_MPL_EASTERNUS_Data

Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Starkey Pad			1659950.330	14368974.560	39°34'7.0007N	80°55'50.4683W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Slot I	-333.99	253.56	1660203.790	14368640.700	39°34'3.6979N	80°55'47.2338W
Comment: Izabela Unit 1H						
H&P 317 (RKB) to Ground level (At Slot: Slot I)					25.5ft	
Mean Sea Level to Ground level (At Slot: Slot I)					-1091ft	
H&P 317 (RKB) to Mean Sea Level					1116.5ft	





Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

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 4:34:20 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	-333.99	253.56	1660203.79	14368640.70	39°34'3.6979"N	80°55'47.2338"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 I)	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	340.900°

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REFERENCE WELLPATH IDENTIFICATION

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Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH DATA (198 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	279.790	0.00	0.00	0.00	0.00	1660203.79	14368640.70	39°34'3.6979"N	80°55'47.2338"W	0.00	0.000	0.00	0.00	0.00	
25.50	0.000	279.790	25.50	0.00	0.00	0.00	1660203.79	14368640.70	39°34'3.6979"N	80°55'47.2338"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.210	279.790	100.00	0.07	0.02	-0.13	1660203.66	14368640.72	39°34'3.6981"N	80°55'47.2355"W	0.14	279.790	0.28	0.28	0.00	Gyrodata MS Gyro <17-1/2"> (100'-500')
200.00	0.300	292.770	200.00	0.33	0.16	-0.56	1660203.23	14368640.86	39°34'3.6994"N	80°55'47.2409"W	0.58	285.630	0.11	0.09	12.98	
300.00	0.230	268.560	300.00	0.56	0.25	-1.00	1660202.79	14368640.95	39°34'3.7004"N	80°55'47.2465"W	1.03	284.162	0.13	-0.07	-24.21	
400.00	0.050	241.050	400.00	0.62	0.23	-1.24	1660202.55	14368640.93	39°34'3.7001"N	80°55'47.2496"W	1.26	280.342	0.19	-0.18	-27.51	
500.00	0.290	270.470	500.00	0.70	0.21	-1.53	1660202.26	14368640.91	39°34'3.6999"N	80°55'47.2533"W	1.54	277.703	0.25	0.24	29.42	
600.00	0.170	258.670	600.00	0.80	0.18	-1.93	1660201.86	14368640.88	39°34'3.6997"N	80°55'47.2584"W	1.94	275.327	0.13	-0.12	-11.80	Gyrodata MS Gyro <12-1/4"> (500')(600'-656')
656.00	0.240	279.020	656.00	0.87	0.18	-2.12	1660201.67	14368640.88	39°34'3.6997"N	80°55'47.2609"W	2.13	274.890	0.18	0.12	36.34	
692.00	0.240	269.310	692.00	0.93	0.19	-2.27	1660201.52	14368640.89	39°34'3.6998"N	80°55'47.2628"W	2.28	274.843	0.11	0.00	-26.97	APS EM <12-1/4"> (656')(692'-3295')
783.00	1.080	241.600	782.99	0.85	-0.22	-3.22	1660200.57	14368640.48	39°34'3.6957"N	80°55'47.2749"W	3.23	266.135	0.96	0.92	-30.45	
873.00	2.700	239.040	872.94	0.28	-1.71	-5.78	1660198.01	14368638.99	39°34'3.6810"N	80°55'47.3077"W	6.03	253.514	1.80	1.80	-2.84	
962.00	4.680	241.740	961.75	-0.73	-4.51	-10.78	1660193.01	14368636.19	39°34'3.6534"N	80°55'47.3715"W	11.68	247.299	2.23	2.22	3.03	
1052.00	6.400	245.060	1051.32	-1.83	-8.36	-18.56	1660185.24	14368632.34	39°34'3.6153"N	80°55'47.4709"W	20.36	245.746	1.94	1.91	3.69	
1146.00	8.080	246.770	1144.57	-2.84	-13.18	-29.38	1660174.42	14368627.53	39°34'3.5678"N	80°55'47.6091"W	32.20	245.845	1.80	1.79	1.82	
1241.00	9.610	248.030	1238.44	-3.72	-18.78	-42.87	1660160.93	14368621.93	39°34'3.5126"N	80°55'47.7814"W	46.81	246.347	1.62	1.61	1.33	
1336.00	11.220	247.910	1331.87	-4.59	-25.22	-58.79	1660145.02	14368615.49	39°34'3.4490"N	80°55'47.9848"W	63.97	246.781	1.69	1.69	-0.13	
1430.00	13.290	246.830	1423.72	-5.84	-32.91	-77.20	1660126.62	14368607.80	39°34'3.3732"N	80°55'48.2199"W	83.92	246.911	2.22	2.20	-1.15	
1525.00	14.230	246.610	1516.00	-7.49	-41.84	-97.96	1660105.87	14368598.87	39°34'3.2851"N	80°55'48.4850"W	106.52	246.869	0.99	0.99	-0.23	
1619.00	14.590	244.420	1607.04	-9.69	-51.54	-119.24	1660084.60	14368589.18	39°34'3.1894"N	80°55'48.7569"W	129.90	246.623	0.69	0.38	-2.33	
1714.00	15.070	242.870	1698.88	-12.76	-62.34	-141.02	1660062.82	14368578.38	39°34'3.0828"N	80°55'49.0352"W	154.19	246.152	0.66	0.51	-1.63	
1808.00	15.550	240.480	1789.54	-16.75	-74.12	-162.86	1660040.99	14368566.61	39°34'2.9666"N	80°55'49.3142"W	178.94	245.529	0.84	0.51	-2.54	
1903.00	15.690	239.470	1881.03	-21.60	-86.92	-185.01	1660018.85	14368553.81	39°34'2.8402"N	80°55'49.5971"W	204.41	244.835	0.32	0.15	-1.06	
1997.00	16.420	238.630	1971.37	-26.94	-100.29	-207.30	1659996.57	14368540.45	39°34'2.7082"N	80°55'49.8818"W	230.29	244.182	0.81	0.78	-0.89	
2092.00	15.610	239.620	2062.68	-32.29	-113.75	-229.79	1659974.09	14368527.00	39°34'2.5754"N	80°55'50.1692"W	256.41	243.664	0.90	-0.85	1.04	
2187.00	13.650	239.320	2154.59	-37.04	-125.93	-250.46	1659953.43	14368514.82	39°34'2.4552"N	80°55'50.4332"W	280.34	243.307	2.06	-2.06	-0.32	
2281.00	12.760	238.910	2246.11	-41.43	-136.95	-268.89	1659935.01	14368503.80	39°34'2.3464"N	80°55'50.6686"W	301.76	243.009	0.95	-0.95	-0.44	
2376.00	12.970	236.700	2338.72	-46.22	-148.22	-286.79	1659917.12	14368492.54	39°34'2.2351"N	80°55'50.8973"W	322.83	242.668	0.56	0.22	-2.33	
2471.00	11.630	236.760	2431.54	-51.18	-159.33	-303.71	1659900.21	14368481.44	39°34'2.1255"N	80°55'51.1134"W	342.96	242.318	1.41	-1.41	0.06	
2565.00	10.580	240.120	2523.78	-55.11	-168.82	-319.11	1659884.80	14368471.95	39°34'2.0318"N	80°55'51.3103"W	361.02	242.120	1.31	-1.12	3.57	



Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'
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Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH DATA (198 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
2660.00	11.030	243.520	2617.10	-57.90	-177.22	-334.81	1659869.11	14368463.55	39°34'1.9489"N	80°55'51.5108"W	378.82	242.108	0.82	0.47	3.58	
2755.00	11.910	247.400	2710.20	-59.67	-185.04	-352.00	1659851.94	14368455.74	39°34'1.8718"N	80°55'51.7303"W	397.67	242.270	1.23	0.93	4.08	
2849.00	11.990	245.690	2802.16	-61.15	-192.78	-369.85	1659834.09	14368447.99	39°34'1.7954"N	80°55'51.9583"W	417.08	242.469	0.39	0.09	-1.82	
2944.00	12.740	246.040	2894.96	-62.93	-201.10	-388.41	1659815.53	14368439.68	39°34'1.7133"N	80°55'52.1955"W	437.39	242.627	0.79	0.79	0.37	
3038.00	12.670	244.630	2986.66	-64.94	-209.73	-407.20	1659796.75	14368431.06	39°34'1.6282"N	80°55'52.4354"W	458.04	242.750	0.34	-0.07	-1.50	
3133.00	13.290	244.740	3079.23	-67.25	-218.85	-426.49	1659777.47	14368421.94	39°34'1.5382"N	80°55'52.6818"W	479.36	242.836	0.65	0.65	0.12	
3228.00	12.550	245.640	3171.82	-69.36	-227.77	-445.77	1659758.20	14368413.03	39°34'1.4502"N	80°55'52.9281"W	500.59	242.935	0.81	-0.78	0.95	
3295.00	12.360	241.080	3237.25	-71.25	-234.24	-458.68	1659745.30	14368406.56	39°34'1.3863"N	80°55'53.0930"W	515.02	242.948	1.49	-0.28	-6.81	
3410.00	11.710	234.240	3349.73	-76.70	-247.01	-478.92	1659725.06	14368393.79	39°34'1.2603"N	80°55'53.3516"W	538.87	242.717	1.36	-0.57	-5.95	APS EM <8-3/4"> (3295')(3410'-5492')
3505.00	11.280	239.770	3442.82	-81.26	-257.32	-494.77	1659709.22	14368383.48	39°34'1.1585"N	80°55'53.5541"W	557.69	242.522	1.24	-0.45	5.82	
3599.00	12.090	255.850	3534.90	-82.18	-264.36	-512.26	1659691.73	14368376.45	39°34'1.0890"N	80°55'53.7775"W	576.45	242.704	3.56	0.86	17.11	
3694.00	13.430	257.190	3627.55	-80.12	-269.24	-532.67	1659671.33	14368371.57	39°34'1.0410"N	80°55'54.0381"W	596.85	243.186	1.44	1.41	1.41	
3789.00	13.170	252.600	3720.00	-78.59	-274.92	-553.76	1659650.26	14368365.89	39°34'0.9850"N	80°55'54.3074"W	618.24	243.597	1.14	-0.27	-4.83	
3883.00	14.050	250.540	3811.36	-78.34	-281.92	-574.73	1659629.29	14368358.89	39°34'0.9159"N	80°55'54.5754"W	640.16	243.871	1.07	0.94	-2.19	
3978.00	13.490	246.550	3903.64	-79.25	-290.17	-595.77	1659608.26	14368350.64	39°34'0.8345"N	80°55'54.8441"W	662.68	244.031	1.16	-0.59	-4.20	
4072.00	13.960	244.220	3994.95	-81.40	-299.47	-616.04	1659588.00	14368341.35	39°34'0.7428"N	80°55'55.1030"W	684.97	244.075	0.77	0.50	-2.48	
4167.00	13.490	240.100	4087.24	-84.81	-309.98	-635.97	1659568.08	14368330.85	39°34'0.6391"N	80°55'55.3575"W	707.49	244.015	1.14	-0.49	-4.34	
4262.00	13.970	236.960	4179.53	-89.65	-321.75	-655.18	1659548.87	14368319.08	39°34'0.5229"N	80°55'55.6030"W	729.93	243.845	0.93	0.51	-3.31	
4356.00	13.560	233.370	4270.83	-95.70	-334.51	-673.54	1659530.52	14368306.32	39°34'0.3969"N	80°55'55.8375"W	752.03	243.589	1.01	-0.44	-3.82	
4451.00	13.060	236.900	4363.28	-101.66	-347.02	-691.47	1659512.60	14368293.82	39°34'0.2734"N	80°55'56.0666"W	773.66	243.350	1.00	-0.53	3.72	
4546.00	12.750	243.280	4455.88	-105.64	-357.60	-709.83	1659494.25	14368283.25	39°34'0.1690"N	80°55'56.3011"W	794.81	243.262	1.53	-0.33	6.72	
4640.00	11.830	242.780	4547.73	-108.38	-366.67	-727.66	1659476.42	14368274.18	39°34'0.0795"N	80°55'56.5289"W	814.82	243.256	0.99	-0.98	-0.53	
4735.00	11.960	246.690	4640.69	-110.48	-375.02	-745.36	1659458.73	14368265.83	39°33'59.9971"N	80°55'56.7550"W	834.39	243.291	0.86	0.14	4.12	
4830.00	12.800	249.950	4733.48	-111.37	-382.52	-764.29	1659439.81	14368258.33	39°33'59.9231"N	80°55'56.9967"W	854.67	243.412	1.15	0.88	3.43	
4925.00	12.020	246.780	4826.26	-112.26	-390.03	-783.26	1659420.84	14368250.83	39°33'59.8490"N	80°55'57.2391"W	875.00	243.529	1.09	-0.82	-3.34	
5019.00	11.740	249.410	4918.25	-113.21	-397.25	-801.21	1659402.90	14368243.61	39°33'59.7778"N	80°55'57.4684"W	894.29	243.627	0.65	-0.30	2.80	
5114.00	13.910	251.100	5010.87	-113.42	-404.35	-821.06	1659383.06	14368236.51	39°33'59.7078"N	80°55'57.7219"W	915.23	243.781	2.32	2.28	1.78	
5208.00	13.220	248.340	5102.25	-113.86	-411.98	-841.74	1659362.39	14368228.89	39°33'59.6325"N	80°55'57.9861"W	937.15	243.921	1.01	-0.73	-2.94	
5303.00	14.040	246.720	5194.58	-115.19	-420.54	-862.42	1659341.71	14368220.33	39°33'59.5481"N	80°55'58.2502"W	959.49	244.005	0.95	0.86	-1.71	
5398.00	15.470	243.090	5286.44	-117.75	-430.83	-884.31	1659319.84	14368210.04	39°33'59.4465"N	80°55'58.5298"W	983.68	244.025	1.79	1.51	-3.82	



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5492.00	14.180	239.880	5377.31	-121.66	-442.28	-905.45	1659298.71	14368198.60	39°33'59.3333"N	80°55'58.7998"W	1007.70	243.966	1.63	-1.37	-3.41	
5614.00	14.400	239.720	5495.54	-127.45	-457.43	-931.47	1659272.69	14368183.45	39°33'59.1840"N	80°55'59.1323"W	1037.73	243.845	0.18	0.18	-0.13	BH Lucida <8-1/2"> (5492')(5614'-18028')
5709.00	14.310	257.980	5587.62	-128.30	-465.84	-953.17	1659251.00	14368175.05	39°33'59.1011"N	80°55'59.4094"W	1060.91	243.954	4.75	-0.09	19.22	
5803.00	17.530	280.010	5678.09	-119.97	-465.79	-978.50	1659225.68	14368175.09	39°33'59.1017"N	80°55'59.7328"W	1083.71	244.544	7.22	3.43	23.44	
5898.00	22.640	295.590	5767.34	-100.12	-455.40	-1009.13	1659195.07	14368185.49	39°33'59.2047"N	80°56'0.1238"W	1107.12	245.711	7.75	5.38	16.40	
5993.00	28.270	308.650	5853.15	-68.19	-433.41	-1043.24	1659160.97	14368207.46	39°33'59.4222"N	80°56'0.5592"W	1129.69	247.440	8.34	5.93	13.75	
6087.00	34.880	313.010	5933.20	-25.55	-401.14	-1080.33	1659123.90	14368239.73	39°33'59.7415"N	80°56'1.0324"W	1152.39	249.630	7.44	7.03	4.64	
6170.00†	41.786	315.880	5998.28	20.54	-365.05	-1116.98	1659087.26	14368275.80	39°34'0.0984"N	80°56'1.5001"W	1175.12	251.902	8.59	8.32	3.46	Sycamore: 6170' MD
6182.00	42.790	316.230	6007.15	27.87	-359.23	-1122.58	1659081.66	14368281.61	39°34'0.1559"N	80°56'1.5716"W	1178.66	252.255	8.59	8.36	2.92	
6276.00	50.230	318.610	6071.81	90.40	-309.00	-1168.62	1659035.64	14368331.82	39°34'0.6527"N	80°56'2.1590"W	1208.78	255.189	8.12	7.91	2.53	
6313.00†	52.793	320.205	6094.83	117.35	-287.01	-1187.46	1659016.81	14368353.81	39°34'0.8702"N	80°56'2.3993"W	1221.65	256.412	7.71	6.93	4.31	Middlesex: 6313' MD
6371.00	56.850	322.500	6128.24	162.02	-249.98	-1217.04	1658987.24	14368390.82	39°34'1.2363"N	80°56'2.7766"W	1242.44	258.393	7.71	6.99	3.96	
6465.00	63.390	325.010	6175.05	239.87	-184.26	-1265.15	1658939.15	14368456.52	39°34'1.8863"N	80°56'3.3903"W	1278.49	261.714	7.33	6.96	2.67	
6467.00†	63.556	325.083	6175.95	241.59	-182.79	-1266.17	1658938.13	14368457.98	39°34'1.9008"N	80°56'3.4034"W	1279.30	261.785	8.94	8.32	3.64	Burkett: 6467' MD
6531.00†	68.899	327.314	6201.74	298.22	-134.13	-1298.72	1658905.59	14368506.63	39°34'2.3819"N	80°56'3.8186"W	1305.63	264.104	8.94	8.35	3.49	Marcellus POE: 6531' MD
6560.00	71.330	328.270	6211.60	324.78	-111.06	-1313.25	1658891.06	14368529.69	39°34'2.6101"N	80°56'4.0039"W	1317.94	265.166	8.94	8.38	3.30	
6654.00	79.070	328.620	6235.59	413.45	-33.67	-1360.77	1658843.56	14368607.05	39°34'3.3752"N	80°56'4.6100"W	1361.19	268.583	8.24	8.23	0.37	
6749.00	87.940	329.160	6246.33	505.69	47.07	-1409.49	1658794.87	14368687.75	39°34'4.1735"N	80°56'5.2313"W	1410.28	271.913	9.35	9.34	0.57	
6844.00	91.200	331.510	6247.04	599.05	129.60	-1456.50	1658747.88	14368770.24	39°34'4.9895"N	80°56'5.8308"W	1462.25	275.085	4.23	3.43	2.47	
6938.00	91.080	332.390	6245.17	691.89	212.54	-1500.69	1658703.70	14368853.15	39°34'5.8096"N	80°56'6.3944"W	1515.67	278.061	0.94	-0.13	0.94	
7033.00	91.480	334.810	6243.05	786.09	297.60	-1542.92	1658661.49	14368938.18	39°34'6.6506"N	80°56'6.9328"W	1571.36	280.917	2.58	0.42	2.55	
7128.00	91.290	337.740	6240.75	880.74	384.54	-1581.12	1658623.30	14369025.09	39°34'7.5101"N	80°56'7.4199"W	1627.21	283.669	3.09	-0.20	3.08	
7222.00	91.420	340.030	6238.53	974.65	472.20	-1614.98	1658589.46	14369112.71	39°34'8.3767"N	80°56'7.8513"W	1682.59	286.298	2.44	0.14	2.44	
7317.00	90.770	341.200	6236.72	1069.63	561.79	-1646.50	1658557.95	14369202.27	39°34'9.2624"N	80°56'8.2531"W	1739.71	288.840	1.41	-0.68	1.23	
7412.00	90.800	341.350	6235.41	1164.62	651.76	-1677.00	1658527.47	14369292.20	39°34'10.1517"N	80°56'8.6416"W	1799.19	291.238	0.16	0.03	0.16	
7506.00	90.860	341.140	6234.05	1258.61	740.76	-1707.22	1658497.26	14369381.16	39°34'11.0315"N	80°56'9.0267"W	1861.00	293.456	0.23	0.06	-0.22	
7601.00	91.020	341.390	6232.49	1353.59	830.71	-1737.72	1658466.76	14369471.08	39°34'11.9208"N	80°56'9.4155"W	1926.08	295.550	0.31	0.17	0.26	
7696.00	90.590	340.660	6231.16	1448.58	920.54	-1768.61	1658435.89	14369560.87	39°34'12.8088"N	80°56'9.8091"W	1993.83	297.496	0.89	-0.45	-0.77	
7790.00	90.860	341.600	6229.97	1542.57	1009.48	-1799.01	1658405.50	14369649.77	39°34'13.6880"N	80°56'10.1964"W	2062.88	299.298	1.04	0.29	1.00	
7885.00	90.830	341.450	6228.57	1637.56	1099.57	-1829.11	1658375.41	14369739.83	39°34'14.5787"N	80°56'10.5800"W	2134.18	301.012	0.16	-0.03	-0.16	

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Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH DATA (198 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
7979.00	90.830	341.300	6227.21	1731.54	1188.64	-1859.13	1658345.41	14369828.86	39°34'15.4591"N	80°56'10.9625"W	2206.63	302.593	0.16	0.00	-0.16	
8074.00	90.590	341.270	6226.03	1826.54	1278.61	-1889.61	1658314.94	14369918.80	39°34'16.3486"N	80°56'11.3509"W	2281.55	304.084	0.25	-0.25	-0.03	
8169.00	90.740	341.420	6224.93	1921.53	1368.61	-1919.99	1658284.57	14370008.76	39°34'17.2383"N	80°56'11.7381"W	2357.85	305.482	0.22	0.16	0.16	
8263.00	91.140	341.340	6223.38	2015.51	1457.68	-1950.00	1658254.57	14370097.80	39°34'18.1188"N	80°56'12.1206"W	2434.61	306.779	0.43	0.43	-0.09	
8358.00	90.890	341.120	6221.70	2110.49	1547.61	-1980.57	1658224.02	14370187.69	39°34'19.0078"N	80°56'12.5100"W	2513.51	308.004	0.35	-0.26	-0.23	
8453.00	91.050	340.930	6220.09	2205.48	1637.44	-2011.45	1658193.15	14370277.48	39°34'19.8958"N	80°56'12.9036"W	2593.67	309.148	0.26	0.17	-0.20	
8547.00	90.340	341.360	6218.95	2299.47	1726.39	-2041.83	1658162.78	14370366.39	39°34'20.7751"N	80°56'13.2907"W	2673.85	310.215	0.88	-0.76	0.46	
8642.00	90.740	341.010	6218.06	2394.46	1816.31	-2072.46	1658132.16	14370456.28	39°34'21.6640"N	80°56'13.6812"W	2755.74	311.231	0.56	0.42	-0.37	
8736.00	90.800	341.410	6216.80	2488.45	1905.29	-2102.74	1658101.89	14370545.22	39°34'22.5436"N	80°56'14.0670"W	2837.54	312.180	0.43	0.06	0.43	
8831.00	89.880	339.720	6216.23	2583.45	1994.87	-2134.35	1658070.30	14370634.77	39°34'23.4292"N	80°56'14.4698"W	2921.46	313.065	2.03	-0.97	-1.78	
8925.00	90.620	339.600	6215.82	2677.42	2083.01	-2167.02	1658037.64	14370722.87	39°34'24.3005"N	80°56'14.8863"W	3005.81	313.868	0.80	0.79	-0.13	
9020.00	90.890	340.120	6214.57	2772.40	2172.19	-2199.73	1658004.95	14370812.02	39°34'25.1822"N	80°56'15.3032"W	3091.47	314.639	0.62	0.28	0.55	
9115.00	90.680	340.250	6213.27	2867.38	2261.56	-2231.93	1657972.76	14370901.35	39°34'26.0656"N	80°56'15.7136"W	3177.44	315.378	0.26	-0.22	0.14	
9209.00	90.710	339.900	6212.13	2961.37	2349.92	-2263.96	1657940.74	14370989.68	39°34'26.9392"N	80°56'16.1219"W	3263.07	316.067	0.37	0.03	-0.37	
9304.00	90.150	340.280	6211.41	3056.35	2439.24	-2296.31	1657908.40	14371078.96	39°34'27.8222"N	80°56'16.5342"W	3350.07	316.729	0.71	-0.59	0.40	
9399.00	90.830	340.220	6210.60	3151.34	2528.65	-2328.41	1657876.31	14371168.33	39°34'28.7060"N	80°56'16.9434"W	3437.38	317.361	0.72	0.72	-0.06	
9493.00	90.890	340.110	6209.19	3245.32	2617.06	-2360.30	1657844.44	14371256.71	39°34'29.5800"N	80°56'17.3498"W	3524.21	317.953	0.13	0.06	-0.12	
9588.00	90.710	340.310	6207.86	3340.31	2706.44	-2392.46	1657812.29	14371346.06	39°34'30.4636"N	80°56'17.7598"W	3612.30	318.524	0.28	-0.19	0.21	
9682.00	90.460	340.170	6206.91	3434.30	2794.90	-2424.24	1657780.52	14371434.48	39°34'31.3381"N	80°56'18.1648"W	3699.79	319.062	0.30	-0.27	-0.15	
9777.00	89.850	339.940	6206.65	3529.29	2884.21	-2456.65	1657748.13	14371523.75	39°34'32.2209"N	80°56'18.5779"W	3788.64	319.577	0.69	-0.64	-0.24	
9872.00	90.650	340.500	6206.23	3624.28	2973.60	-2488.80	1657715.99	14371613.10	39°34'33.1046"N	80°56'18.9877"W	3877.68	320.072	1.03	0.84	0.59	
9966.00	90.430	340.390	6205.35	3718.27	3062.17	-2520.26	1657684.54	14371701.64	39°34'33.9802"N	80°56'19.3887"W	3965.93	320.545	0.26	-0.23	-0.12	
10060.00	90.120	339.920	6204.90	3812.26	3150.59	-2552.17	1657652.65	14371790.02	39°34'34.8543"N	80°56'19.7954"W	4054.60	320.990	0.60	-0.33	-0.50	
10155.00	90.520	340.080	6204.37	3907.25	3239.86	-2584.66	1657620.17	14371879.26	39°34'35.7368"N	80°56'20.2096"W	4144.53	321.418	0.45	0.42	0.17	
10250.00	89.940	339.380	6203.98	4002.23	3328.97	-2617.57	1657587.27	14371968.34	39°34'36.6177"N	80°56'20.6291"W	4234.82	321.822	0.96	-0.61	-0.74	
10344.00	90.280	340.110	6203.80	4096.21	3417.16	-2650.11	1657554.74	14372056.49	39°34'37.4895"N	80°56'21.0440"W	4324.36	322.205	0.86	0.36	0.78	
10439.00	90.150	340.500	6203.45	4191.20	3506.60	-2682.13	1657522.74	14372145.89	39°34'38.3737"N	80°56'21.4521"W	4414.76	322.588	0.43	-0.14	0.41	
10534.00	89.690	339.920	6203.58	4286.19	3595.99	-2714.29	1657490.59	14372235.25	39°34'39.2574"N	80°56'21.8620"W	4505.39	322.954	0.78	-0.48	-0.61	
10628.00	90.710	340.190	6203.25	4380.18	3684.35	-2746.36	1657458.53	14372323.57	39°34'40.1309"N	80°56'22.2708"W	4595.31	323.299	1.12	1.09	0.29	
10723.00	90.550	340.180	6202.21	4475.17	3773.72	-2778.56	1657426.35	14372412.90	39°34'41.0143"N	80°56'22.6813"W	4686.29	323.636	0.17	-0.17	-0.01	



Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH DATA (198 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
10817.00	90.460	340.180	6201.38	4569.16	3862.15	-2810.43	1657394.49	14372501.30	39°34'41.8885"N	80°56'23.0875"W	4776.47	323.957	0.10	-0.10	0.00	
10912.00	90.520	339.890	6200.57	4664.14	3951.44	-2842.87	1657362.07	14372590.55	39°34'42.7712"N	80°56'23.5010"W	4867.83	324.267	0.31	0.06	-0.31	
11006.00	90.460	340.480	6199.76	4758.13	4039.87	-2874.73	1657330.21	14372678.94	39°34'43.6454"N	80°56'23.9072"W	4958.28	324.565	0.63	-0.06	0.63	
11101.00	90.400	340.310	6199.05	4853.12	4129.36	-2906.60	1657298.35	14372768.40	39°34'44.5300"N	80°56'24.3135"W	5049.75	324.859	0.19	-0.06	-0.18	
11196.00	89.750	339.250	6198.93	4948.10	4218.50	-2939.44	1657265.53	14372857.51	39°34'45.4113"N	80°56'24.7321"W	5141.60	325.131	1.31	-0.68	-1.12	
11290.00	89.630	340.260	6199.43	5042.08	4306.69	-2971.96	1657233.02	14372945.66	39°34'46.2831"N	80°56'25.1467"W	5232.60	325.391	1.08	-0.13	1.07	
11385.00	90.090	340.480	6199.67	5137.08	4396.17	-3003.88	1657201.12	14373035.10	39°34'47.1676"N	80°56'25.5536"W	5324.43	325.655	0.54	0.48	0.23	
11479.00	90.030	340.700	6199.57	5231.08	4484.83	-3035.12	1657169.89	14373123.72	39°34'48.0441"N	80°56'25.9518"W	5415.31	325.912	0.24	-0.06	0.23	
11668.00	90.430	340.780	6198.81	5420.07	4663.25	-3097.46	1657107.57	14373302.07	39°34'49.8078"N	80°56'26.7465"W	5598.22	326.407	0.22	0.21	0.04	
11763.00	90.250	339.970	6198.25	5515.07	4752.72	-3129.37	1657075.68	14373391.52	39°34'50.6924"N	80°56'27.1532"W	5690.46	326.638	0.87	-0.19	-0.85	
11857.00	90.090	340.090	6197.97	5609.06	4841.07	-3161.47	1657043.59	14373479.83	39°34'51.5657"N	80°56'27.5625"W	5781.94	326.853	0.21	-0.17	0.13	
11952.00	90.060	341.300	6197.84	5704.05	4930.73	-3192.88	1657012.20	14373569.45	39°34'52.4520"N	80°56'27.9628"W	5874.23	327.075	1.27	-0.03	1.27	
12046.00	90.060	341.520	6197.74	5798.05	5019.82	-3222.84	1656982.24	14373658.51	39°34'53.3328"N	80°56'28.3448"W	5965.35	327.299	0.23	0.00	0.23	
12141.00	90.180	341.670	6197.54	5893.04	5109.96	-3252.84	1656952.26	14373748.61	39°34'54.2239"N	80°56'28.7271"W	6057.45	327.521	0.20	0.13	0.16	
12236.00	89.970	341.770	6197.42	5988.03	5200.17	-3282.63	1656922.47	14373838.78	39°34'55.1156"N	80°56'29.1070"W	6149.59	327.738	0.24	-0.22	0.11	
12331.00	90.220	341.800	6197.26	6083.02	5290.41	-3312.33	1656892.79	14373928.99	39°34'56.0076"N	80°56'29.4855"W	6241.79	327.949	0.27	0.26	0.03	
12425.00	90.250	342.000	6196.88	6177.01	5379.76	-3341.53	1656863.60	14374018.30	39°34'56.8908"N	80°56'29.8577"W	6333.06	328.154	0.22	0.03	0.21	
12520.00	90.120	341.380	6196.57	6272.00	5469.95	-3371.38	1656833.77	14374108.45	39°34'57.7824"N	80°56'30.2381"W	6425.46	328.353	0.67	-0.14	-0.65	
12615.00	89.910	341.230	6196.55	6366.99	5559.93	-3401.83	1656803.33	14374198.40	39°34'58.6720"N	80°56'30.6263"W	6518.08	328.540	0.27	-0.22	-0.16	
12709.00	89.880	341.330	6196.72	6460.99	5648.96	-3432.00	1656773.17	14374287.39	39°34'59.5520"N	80°56'31.0109"W	6609.79	328.719	0.11	-0.03	0.11	
12804.00	89.230	341.390	6197.46	6555.98	5738.98	-3462.36	1656742.82	14374377.37	39°35'0.4418"N	80°56'31.3979"W	6702.52	328.897	0.69	-0.68	0.06	
12898.00	90.120	341.360	6197.99	6649.98	5828.05	-3492.38	1656712.81	14374466.41	39°35'1.3224"N	80°56'31.7806"W	6794.33	329.068	0.95	0.95	-0.03	
12993.00	89.570	341.190	6198.25	6744.98	5918.02	-3522.88	1656682.33	14374556.34	39°35'2.2118"N	80°56'32.1694"W	6887.21	329.236	0.61	-0.58	-0.18	
13088.00	89.780	341.570	6198.78	6839.97	6008.05	-3553.21	1656652.01	14374646.33	39°35'3.1017"N	80°56'32.5561"W	6980.11	329.400	0.46	0.22	0.40	
13182.00	89.850	341.240	6199.09	6933.97	6097.14	-3583.18	1656622.05	14374735.39	39°35'3.9824"N	80°56'32.9382"W	7072.08	329.558	0.36	0.07	-0.35	
13277.00	89.820	341.670	6199.36	7028.96	6187.21	-3613.40	1656591.84	14374825.42	39°35'4.8728"N	80°56'33.3233"W	7165.06	329.715	0.45	-0.03	0.45	
13372.00	89.850	341.890	6199.64	7123.95	6277.44	-3643.10	1656562.15	14374915.62	39°35'5.7648"N	80°56'33.7020"W	7257.99	329.871	0.23	0.03	0.23	
13466.00	89.320	341.320	6200.32	7217.94	6366.64	-3672.76	1656532.50	14375004.78	39°35'6.6465"N	80°56'34.0801"W	7350.05	330.020	0.83	-0.56	-0.61	
13561.00	89.880	341.190	6200.98	7312.93	6456.59	-3703.29	1656501.99	14375094.70	39°35'7.5358"N	80°56'34.4693"W	7443.25	330.163	0.61	0.59	-0.14	
13655.00	89.290	341.300	6201.66	7406.93	6545.60	-3733.51	1656471.78	14375183.67	39°35'8.4156"N	80°56'34.8546"W	7535.52	330.300	0.64	-0.63	0.12	



Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH DATA (198 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
13750.00	89.720	340.880	6202.48	7501.93	6635.47	-3764.30	1656441.00	14375273.50	39°35'9.3040"N	80°56'35.2471"W	7628.85	330.434	0.63	0.45	-0.44	
13844.00	89.940	339.260	6202.76	7595.91	6723.84	-3796.34	1656408.97	14375361.84	39°35'10.1775"N	80°56'35.6556"W	7721.54	330.551	1.74	0.23	-1.72	
13939.00	89.780	337.390	6202.99	7690.81	6812.11	-3831.43	1656373.90	14375450.08	39°35'11.0502"N	80°56'36.1030"W	7815.67	330.645	1.98	-0.17	-1.97	
14033.00	89.420	336.900	6203.65	7784.61	6898.73	-3867.94	1656337.41	14375536.66	39°35'11.9065"N	80°56'36.5686"W	7909.07	330.722	0.65	-0.38	-0.52	
14128.00	89.230	338.870	6204.77	7879.46	6986.73	-3903.70	1656301.66	14375624.63	39°35'12.7765"N	80°56'37.0247"W	8003.33	330.807	2.08	-0.20	2.07	
14223.00	89.290	341.570	6205.99	7974.44	7076.11	-3935.84	1656269.53	14375713.97	39°35'13.6600"N	80°56'37.4345"W	8097.05	330.917	2.84	0.06	2.84	
14317.00	89.320	341.210	6207.14	8068.43	7165.19	-3965.83	1656239.55	14375803.01	39°35'14.5406"N	80°56'37.8169"W	8189.49	331.036	0.38	0.03	-0.38	
14412.00	89.540	341.410	6208.08	8163.42	7255.18	-3996.27	1656209.12	14375892.03	39°35'15.4301"N	80°56'38.2050"W	8282.98	331.153	0.31	0.23	0.21	
14506.00	89.480	341.470	6208.88	8257.42	7344.28	-4026.19	1656179.21	14375982.03	39°35'16.3110"N	80°56'38.5865"W	8375.48	331.268	0.09	-0.06	0.06	
14601.00	89.570	339.580	6209.67	8352.41	7433.84	-4057.86	1656147.56	14376071.56	39°35'17.1963"N	80°56'38.9903"W	8469.25	331.371	1.99	0.09	-1.99	
14696.00	89.420	334.290	6210.51	8447.14	7521.21	-4095.07	1656110.37	14376158.89	39°35'18.0600"N	80°56'39.4648"W	8563.77	331.433	5.57	-0.16	-5.57	
14790.00	89.480	337.150	6211.41	8540.74	7606.89	-4133.71	1656071.74	14376244.53	39°35'18.9070"N	80°56'39.9578"W	8657.50	331.480	3.04	0.06	3.04	
14885.00	89.230	341.110	6212.48	8635.67	7695.63	-4167.55	1656037.91	14376333.24	39°35'19.7843"N	80°56'40.3892"W	8751.64	331.562	4.18	-0.26	4.17	
14980.00	89.320	343.570	6213.68	8730.63	7786.14	-4196.36	1656009.11	14376423.71	39°35'20.6790"N	80°56'40.7566"W	8844.97	331.677	2.59	0.09	2.59	
15074.00	89.260	343.420	6214.85	8824.52	7876.26	-4223.07	1655982.42	14376513.80	39°35'21.5698"N	80°56'41.0969"W	8936.99	331.801	0.17	-0.06	-0.16	
15169.00	89.540	343.520	6215.84	8919.42	7967.33	-4250.10	1655955.40	14376604.83	39°35'22.4700"N	80°56'41.4415"W	9030.04	331.923	0.31	0.29	0.11	
15264.00	89.540	343.760	6216.61	9014.31	8058.48	-4276.85	1655928.65	14376695.94	39°35'23.3710"N	80°56'41.7825"W	9123.08	332.044	0.25	0.00	0.25	
15358.00	89.720	343.720	6217.21	9108.19	8148.72	-4303.17	1655902.35	14376786.14	39°35'24.2630"N	80°56'42.1180"W	9215.14	332.162	0.20	0.19	-0.04	
15453.00	89.630	343.890	6217.75	9203.07	8239.94	-4329.67	1655875.86	14376877.34	39°35'25.1648"N	80°56'42.4557"W	9308.21	332.280	0.20	-0.09	0.18	
15547.00	88.980	341.170	6218.89	9297.02	8329.59	-4357.88	1655847.66	14376966.95	39°35'26.0510"N	80°56'42.8154"W	9400.70	332.382	2.97	-0.69	-2.89	
15642.00	89.320	342.290	6220.30	9391.99	8419.79	-4387.66	1655817.89	14377057.11	39°35'26.9427"N	80°56'43.1951"W	9494.44	332.475	1.23	0.36	1.18	
15736.00	88.980	339.830	6221.70	9485.98	8508.69	-4418.17	1655787.40	14377145.97	39°35'27.8214"N	80°56'43.5840"W	9587.38	332.559	2.64	-0.36	-2.62	
15831.00	88.980	341.110	6223.39	9580.96	8598.20	-4449.92	1655755.66	14377235.45	39°35'28.7063"N	80°56'43.9889"W	9681.47	332.637	1.35	0.00	1.35	
15926.00	89.010	343.040	6225.05	9675.92	8688.57	-4479.15	1655726.44	14377325.79	39°35'29.5996"N	80°56'44.3617"W	9775.18	332.728	2.03	0.03	2.03	
16020.00	89.170	341.020	6226.55	9769.88	8777.97	-4508.15	1655697.45	14377415.15	39°35'30.4834"N	80°56'44.7313"W	9867.94	332.816	2.16	0.17	-2.15	
16115.00	88.770	341.070	6228.26	9864.87	8867.81	-4539.00	1655666.61	14377504.95	39°35'31.3714"N	80°56'45.1248"W	9961.95	332.894	0.42	-0.42	0.05	
16210.00	88.860	343.330	6230.22	9959.82	8958.23	-4568.03	1655637.59	14377595.34	39°35'32.2653"N	80°56'45.4949"W	10055.69	332.982	2.38	0.09	2.38	
16304.00	89.050	343.940	6231.93	10053.69	9048.41	-4594.51	1655611.12	14377685.48	39°35'33.1566"N	80°56'45.8325"W	10148.07	333.080	0.68	0.20	0.65	
16399.00	88.890	342.680	6233.64	10148.59	9139.39	-4621.79	1655583.85	14377776.42	39°35'34.0560"N	80°56'46.1802"W	10241.55	333.174	1.34	-0.17	-1.33	
16494.00	89.010	342.530	6235.38	10243.53	9230.03	-4650.19	1655555.47	14377867.03	39°35'34.9520"N	80°56'46.5423"W	10335.27	333.261	0.20	0.13	-0.16	



Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'
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REFERENCE WELLPATH IDENTIFICATION

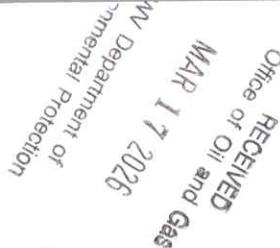
Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH DATA (198 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
16588.00	88.770	341.490	6237.20	10337.50	9319.42	-4679.21	1655526.46	14377956.38	39°35'35.8356"N	80°56'46.9124"W	10428.16	333.339	1.14	-0.26	-1.11	
16683.00	88.800	341.310	6239.22	10432.47	9409.44	-4709.51	1655496.17	14378046.36	39°35'36.7254"N	80°56'47.2986"W	10522.21	333.412	0.19	0.03	-0.19	
16777.00	88.890	341.620	6241.11	10526.45	9498.54	-4739.38	1655466.31	14378135.43	39°35'37.6062"N	80°56'47.6796"W	10615.27	333.483	0.34	0.10	0.33	
16872.00	89.140	341.710	6242.75	10621.43	9588.71	-4769.26	1655436.44	14378225.56	39°35'38.4975"N	80°56'48.0606"W	10709.30	333.555	0.28	0.26	0.09	
16967.00	88.770	341.480	6244.48	10716.40	9678.83	-4799.25	1655406.46	14378315.64	39°35'39.3884"N	80°56'48.4430"W	10803.36	333.625	0.46	-0.39	-0.24	
17061.00	88.830	341.310	6246.45	10810.38	9767.90	-4829.24	1655376.49	14378404.68	39°35'40.2689"N	80°56'48.8253"W	10896.48	333.692	0.19	0.06	-0.18	
17156.00	89.110	341.090	6248.16	10905.36	9857.82	-4859.85	1655345.90	14378494.56	39°35'41.1577"N	80°56'49.2157"W	10990.66	333.757	0.37	0.29	-0.23	
17250.00	89.050	341.350	6249.66	10999.35	9946.80	-4890.10	1655315.65	14378583.51	39°35'42.0373"N	80°56'49.6015"W	11083.86	333.820	0.28	-0.06	0.28	
17345.00	89.170	341.260	6251.14	11094.33	10036.78	-4920.55	1655285.22	14378673.45	39°35'42.9268"N	80°56'49.9898"W	11178.05	333.884	0.16	0.13	-0.09	
17439.00	89.050	341.350	6252.60	11188.32	10125.81	-4950.68	1655255.10	14378762.44	39°35'43.8069"N	80°56'50.3739"W	11271.25	333.945	0.16	-0.13	0.10	
17534.00	89.410	341.060	6253.88	11283.31	10215.73	-4981.28	1655224.51	14378852.33	39°35'44.6958"N	80°56'50.7642"W	11365.49	334.006	0.49	0.38	-0.31	
17628.00	89.320	341.370	6254.92	11377.30	10304.72	-5011.55	1655194.25	14378941.28	39°35'45.5754"N	80°56'51.1502"W	11458.75	334.065	0.34	-0.10	0.33	
17723.00	89.290	341.470	6256.07	11472.29	10394.76	-5041.82	1655164.00	14379031.29	39°35'46.4655"N	80°56'51.5362"W	11552.96	334.125	0.11	-0.03	0.11	
17817.00	89.630	342.030	6256.96	11566.28	10484.03	-5071.25	1655134.57	14379120.52	39°35'47.3479"N	80°56'51.9116"W	11646.14	334.186	0.70	0.36	0.60	
17912.00	89.480	341.520	6257.69	11661.26	10574.26	-5100.96	1655104.88	14379210.71	39°35'48.2399"N	80°56'52.2904"W	11740.31	334.248	0.56	-0.16	-0.54	
18007.00	89.290	340.400	6258.71	11756.26	10664.06	-5131.95	1655073.90	14379300.47	39°35'49.1275"N	80°56'52.6856"W	11834.65	334.301	1.20	-0.20	-1.18	
18028.00	89.200	339.200	6258.99	11777.25	10683.76	-5139.20	1655066.65	14379320.17	39°35'49.3223"N	80°56'52.7781"W	11855.56	334.311	5.73	-0.43	-5.71	
18053.00‡	89.200	339.200	6259.34	11802.24	10707.13	-5148.08	1655057.78	14379343.53	39°35'49.5533"N	80°56'52.8913"W	11880.46	334.321	0.00	0.00	0.00	Projected MD at TD: 18053'

DIRECTIONAL DIFFICULTY INDEX

Directional Difficulty Index @ TD = 6.97		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



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Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

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	0.04	-0.23
17 1/2in Open Hole	125.50	584.00	458.50	125.50	584.00	0.04	-0.23	0.19	-1.88
13 3/8in Casing Surface	25.50	564.00	538.50	25.50	564.00	0.00	0.00	0.20	-1.81
12 1/4in Open Hole	584.00	3374.00	2790.00	584.00	3314.49	0.19	-1.88	-242.82	-472.86
9 5/8in Casing Intermediate	25.50	3344.00	3318.50	25.50	3285.14	0.00	0.00	-239.47	-467.62
8 3/4in Open Hole	3374.00	5568.00	2194.00	3314.49	5450.98	-242.82	-472.86	-451.68	-921.62
8 1/2in Open Hole	5568.00	18053.00	12485.00	5450.98	6259.34	-451.68	-921.62	10707.13	-5148.08
5 1/2in Casing Production	25.50	18033.00	18007.50	25.50	6259.06	0.00	0.00	10688.44	-5140.98

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Izabela Unit 1H BHL Rev-3	6146.48	10724.67	-5173.78	1655032.09	14379361.06	39°35'49.7268"N	80°56'53.2195"W	point
Izabela Unit 1H BHL Rev-4	6146.67	10703.61	-5166.48	1655039.38	14379340.01	39°35'49.5186"N	80°56'53.1265"W	point
Izabela Unit 1H POE Rev-1	6201.00	-129.97	-1292.98	1658911.33	14368510.78	39°34'2.4230"N	80°56'3.7452"W	point
Izabela Unit 1H POE Rev-3	6202.00	-129.97	-1292.98	1658911.33	14368510.78	39°34'2.4230"N	80°56'3.7452"W	point
Izabela Unit 1H POE Rev-2	6222.00	-129.97	-1292.98	1658911.33	14368510.78	39°34'2.4230"N	80°56'3.7452"W	point
Izabela Unit 1H AZI Rev-3	6240.44	550.97	-1650.89	1658553.56	14369191.45	39°34'9.1554"N	80°56'8.3092"W	point
Izabela Unit 1H LP Rev-3	6245.00	82.40	-1426.30	1658778.06	14368723.07	39°34'4.5228"N	80°56'5.4456"W	point
Izabela Unit 1H BHL Rev-1	6249.00	10724.67	-5173.78	1655032.09	14379361.06	39°35'49.7268"N	80°56'53.2195"W	point

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Izabela Unit 1H BHL Rev-2	6267.00	10724.67	-5173.78	1655032.09	14379361.06	39°35'49.7268"N	80°56'53.2195"W	point
Izabela Unit 1H 50' L/R Hard Line	6500.00	5638.94	-3412.72	1656792.44	14374277.37	39°34'59.4528"N	80°56'30.7648"W	rectangle



Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

WELLPATH COMPOSITION - Ref Wellbore: Izabela Unit 1H AWB Ref Wellpath: Izabela Unit 1H AWP Proj: 18053'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.50	500.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (100'-500')	Izabela Unit 1H AWB	2025-08-03
500.00	656.00	Gyrodata 2015 - GC+WIR+DPIPE	02 Gyrodata MS Gyro <12-1/4"> (500')(600'-656')	Izabela Unit 1H AWB	2025-08-04
656.00	3295.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <12-1/4"> (656')(692'-3295')	Izabela Unit 1H AWB	2025-08-03
3295.00	5492.00	BH NaviTrak (2019) (Axial Corr+HRGM)	04 APS EM <8-3/4"> (3295')(3410'-5492')	Izabela Unit 1H AWB	2025-08-24
5492.00	18053.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	05 BH Lucida <8-1/2"> (5492')(5614'-18028')	Izabela Unit 1H AWB	2025-08-24



Actual Wellpath Report

Izabela Unit 1H AWP Proj: 18053'
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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Izabela Unit 1H
Field	Tyler	UWI	47-095-02936-0000
Facility	Starkey Pad	Wellbore	Izabela Unit 1H AWB
Slot	Slot I		

COMMENTS

Wellpath general comments

API: 47-095-02936-0000

BH Job #: 112775291

Rig: H&P 317

Duration: 8/25/2025-8/28/2025

Gyrodata MS Gyro <17-1/2"> (100'-500')

Gyrodata MS Gyro <12-1/4"> (500')(600'-656')

APS EM <12-1/4"> (656')(692'-3295')

APS EM <8-3/4"> (3295')(3410'-5492')

BH Lucida <8-1/2"> (5492')(5614'-18028')

Sycamore: 6170' MD

Middlesex: 6313' MD

Burkett: 6467' MD

Marcellus POE: 6531' MD

Projected MD at TD: 18053'