



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Tranlam
Scale	1.000014	Report Generated	4/3/2025 at 9:54:34 AM
Convergence at slot	0.68° West	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	-13.05	5.79	1704404.65	664037.68	40°19'5.8725"N	80°33'36.0131"W
Facility Reference Pt			1704398.86	664050.73	40°19'6.0007"N	80°33'36.0899"W
Field Reference Pt			1931053.01	433518.91	39°41'24.0000"N	79°44'42.0000"W

WELLPATH DATUM			
Calculation method	Minimum curvature	EDC 41 (KB) to Facility Vertical Datum	1180.90ft
Horizontal Reference Pt	Slot	EDC 41 (KB) to Mean Sea Level	1180.90ft
Vertical Reference Pt	EDC 41 (KB)	EDC 41 (KB) to Ground Level at Slot (6H)	26.00ft
MD Reference Pt	EDC 41 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	160.30°

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Office of Oil and Gas
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WV Department of
Environmental Protection



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WELLPATH DATA (310 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]
0.00†	0.000	106.270	0.00	0.00	0.00	0.00	1704404.65	664037.68	40°19'5.8725"N	80°33'36.0131"W	0.00	0.000	0.00
26.00	0.000	106.270	26.00	0.00	0.00	0.00	1704404.65	664037.68	40°19'5.8725"N	80°33'36.0131"W	0.00	0.000	0.00
100.00	0.500	106.270	100.00	0.19	-0.09	0.31	1704404.96	664037.59	40°19'5.8716"N	80°33'36.0091"W	0.32	106.270	0.68
200.00	0.380	122.910	200.00	0.71	-0.39	1.01	1704405.66	664037.29	40°19'5.8687"N	80°33'36.0001"W	1.08	111.309	0.17
300.00	0.340	114.590	299.99	1.18	-0.70	1.56	1704406.21	664036.98	40°19'5.8658"N	80°33'35.9929"W	1.70	114.123	0.07
400.00	0.290	55.450	399.99	1.32	-0.68	2.03	1704406.68	664037.00	40°19'5.8660"N	80°33'35.9868"W	2.14	108.399	0.31
486.00	0.070	41.730	485.99	1.24	-0.51	2.25	1704406.90	664037.17	40°19'5.8676"N	80°33'35.9840"W	2.31	102.876	0.26
643.00	1.610	262.730	642.97	0.72	-0.72	0.12	1704404.77	664036.96	40°19'5.8653"N	80°33'36.0114"W	0.73	170.267	1.06
688.00	2.090	265.350	687.95	0.37	-0.87	-1.32	1704403.33	664036.81	40°19'5.8637"N	80°33'36.0300"W	1.58	236.700	1.08
778.00	3.300	248.390	777.85	0.03	-1.95	-5.37	1704399.28	664035.72	40°19'5.8525"N	80°33'36.0821"W	5.71	249.980	1.60
869.00	5.000	234.910	868.61	1.17	-5.20	-11.05	1704393.60	664032.48	40°19'5.8198"N	80°33'36.1549"W	12.21	244.793	2.14
961.00	5.040	242.020	960.26	2.82	-9.40	-17.90	1704386.75	664028.28	40°19'5.7775"N	80°33'36.2427"W	20.21	242.287	0.68
1052.00	4.740	249.210	1050.93	3.46	-12.61	-24.94	1704379.71	664025.07	40°19'5.7449"N	80°33'36.3331"W	27.95	243.178	0.75
1143.00	5.140	252.210	1141.59	3.40	-15.19	-32.34	1704372.31	664022.49	40°19'5.7186"N	80°33'36.4282"W	35.73	244.838	0.52
1234.00	5.690	249.710	1232.18	3.31	-18.00	-40.45	1704364.20	664019.68	40°19'5.6899"N	80°33'36.5325"W	44.27	246.011	0.66
1326.00	4.920	241.440	1323.79	3.97	-21.47	-48.19	1704356.46	664016.21	40°19'5.6547"N	80°33'36.6320"W	52.76	245.989	1.18
1416.00	3.750	237.770	1413.53	5.20	-24.88	-54.07	1704350.58	664012.80	40°19'5.6203"N	80°33'36.7073"W	59.52	245.289	1.34
1463.00	3.120	243.030	1460.45	5.69	-26.28	-56.51	1704348.14	664011.40	40°19'5.6062"N	80°33'36.7386"W	62.33	245.058	1.50
1521.00	3.190	242.640	1518.36	6.11	-27.74	-59.35	1704345.30	664009.94	40°19'5.5914"N	80°33'36.7751"W	65.51	244.950	0.13
1611.00	4.220	262.580	1608.17	5.74	-29.32	-64.86	1704339.79	664008.36	40°19'5.5752"N	80°33'36.8459"W	71.18	245.676	1.82
1704.00	7.010	273.680	1700.72	2.76	-29.40	-73.92	1704330.73	664008.28	40°19'5.5734"N	80°33'36.9628"W	79.55	248.313	3.21
1795.00	9.150	278.690	1790.81	-2.89	-27.95	-86.61	1704318.03	664009.73	40°19'5.5862"N	80°33'37.1269"W	91.01	252.118	2.47
1885.00	9.980	283.320	1879.56	-10.54	-25.07	-101.28	1704303.37	664012.61	40°19'5.6129"N	80°33'37.3167"W	104.33	256.097	1.26
1976.00	9.710	292.110	1969.23	-19.95	-20.36	-116.06	1704288.59	664017.32	40°19'5.6577"N	80°33'37.5082"W	117.83	260.049	1.68
2066.00	10.390	306.720	2057.86	-31.78	-12.65	-129.60	1704275.05	664025.03	40°19'5.7323"N	80°33'37.6842"W	130.22	264.424	2.92
2157.00	12.080	314.500	2147.12	-47.19	-1.07	-142.97	1704261.68	664036.61	40°19'5.8452"N	80°33'37.8585"W	142.98	269.571	2.49
2247.00	14.610	318.200	2234.68	-66.19	13.99	-157.26	1704247.39	664051.67	40°19'5.9924"N	80°33'38.0452"W	157.88	275.085	2.97
2338.00	17.020	318.890	2322.23	-89.22	32.59	-173.67	1704230.98	664070.27	40°19'6.1742"N	80°33'38.2599"W	176.70	280.628	2.66
2428.00	19.290	316.800	2407.75	-115.12	53.35	-192.51	1704212.14	664091.03	40°19'6.3772"N	80°33'38.5062"W	199.76	285.490	2.62
2519.00	21.570	312.780	2493.02	-143.75	75.67	-215.08	1704189.57	664113.35	40°19'6.5951"N	80°33'38.8010"W	228.00	289.384	2.94



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Slot	6H		

WELLPATH DATA (310 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]
2612.00	23.420	310.590	2578.94	-174.96	99.31	-241.66	1704162.99	664136.99	40°19'6.8256"N	80°33'39.1478"W	261.27	292.341	2.18
2702.00	25.510	309.000	2660.86	-207.06	123.15	-270.31	1704134.34	664160.83	40°19'7.0578"N	80°33'39.5212"W	297.04	294.493	2.43
2793.00	26.230	311.980	2742.74	-241.51	148.93	-300.49	1704104.16	664186.61	40°19'7.3090"N	80°33'39.9147"W	335.37	296.365	1.63
2885.00	27.190	314.010	2824.92	-278.25	177.14	-330.72	1704073.93	664214.82	40°19'7.5842"N	80°33'40.3092"W	375.17	298.174	1.44
2975.00	27.940	315.660	2904.71	-315.85	206.50	-360.25	1704044.40	664244.19	40°19'7.8709"N	80°33'40.6949"W	415.24	299.823	1.19
3065.00	28.510	316.720	2984.01	-354.71	237.22	-389.71	1704014.94	664274.90	40°19'8.1710"N	80°33'41.0799"W	456.23	301.330	0.84
3156.00	29.550	318.220	3063.58	-395.41	269.77	-419.55	1703985.10	664307.45	40°19'8.4891"N	80°33'41.4700"W	498.79	302.741	1.39
3246.00	30.360	319.010	3141.55	-437.16	303.49	-449.26	1703955.39	664341.17	40°19'8.8188"N	80°33'41.8587"W	542.16	304.040	1.00
3337.00	30.810	319.530	3219.89	-480.38	338.57	-479.47	1703925.18	664376.26	40°19'9.1620"N	80°33'42.2540"W	586.96	305.228	0.57
3427.00	30.960	320.380	3297.13	-523.70	373.94	-509.19	1703895.46	664411.62	40°19'9.5080"N	80°33'42.6431"W	631.75	306.293	0.51
3518.00	31.010	318.820	3375.15	-567.52	409.61	-539.55	1703865.09	664447.30	40°19'9.8570"N	80°33'43.0404"W	677.42	307.205	0.88
3613.00	30.550	318.990	3456.76	-612.78	446.25	-571.51	1703833.14	664483.94	40°19'10.2153"N	80°33'43.4585"W	725.09	307.984	0.49
3702.00	30.910	319.960	3533.27	-655.29	480.82	-601.05	1703803.59	664518.51	40°19'10.5534"N	80°33'43.8452"W	769.71	308.658	0.69
3793.00	31.470	318.020	3611.12	-699.19	516.37	-631.98	1703772.66	664554.06	40°19'10.9011"N	80°33'44.2499"W	816.11	309.251	1.26
3884.00	30.750	318.240	3689.03	-742.73	551.38	-663.36	1703741.28	664589.07	40°19'11.2434"N	80°33'44.6603"W	862.60	309.733	0.80
3977.00	30.220	319.200	3769.17	-786.60	586.84	-694.49	1703710.15	664624.52	40°19'11.5901"N	80°33'45.0676"W	909.23	310.198	0.77
4067.00	30.960	319.920	3846.65	-829.43	621.70	-724.19	1703680.45	664659.38	40°19'11.9311"N	80°33'45.4663"W	954.44	310.645	0.92
4158.00	31.130	320.670	3924.61	-873.53	657.80	-754.17	1703650.47	664695.49	40°19'12.2843"N	80°33'45.8489"W	1000.74	311.095	0.46
4248.00	30.460	318.780	4001.92	-916.66	692.96	-783.95	1703620.69	664730.64	40°19'12.6282"N	80°33'46.2386"W	1046.31	311.474	1.31
4339.00	30.310	317.800	4080.42	-959.34	727.32	-814.58	1703590.07	664765.01	40°19'12.9642"N	80°33'46.6392"W	1092.03	311.761	0.57
4430.00	30.080	319.080	4159.08	-1001.81	761.56	-844.94	1703559.70	664799.25	40°19'13.2990"N	80°33'47.0364"W	1137.49	312.029	0.75
4520.00	30.150	319.180	4236.93	-1043.92	795.71	-874.49	1703530.15	664833.40	40°19'13.6329"N	80°33'47.4230"W	1182.32	312.300	0.10
4614.00	29.980	319.650	4318.28	-1087.92	831.47	-905.12	1703499.52	664869.16	40°19'13.9827"N	80°33'47.8240"W	1229.06	312.571	0.31
4687.00	30.690	320.380	4381.29	-1122.50	859.72	-928.81	1703475.83	664897.41	40°19'14.2591"N	80°33'48.1341"W	1265.63	312.788	1.10
4810.00	30.740	317.060	4487.04	-1180.90	906.92	-970.25	1703434.39	664944.61	40°19'14.7206"N	80°33'48.6762"W	1328.11	313.088	1.38
4901.00	31.600	316.990	4564.90	-1224.17	941.38	-1002.35	1703402.29	664979.07	40°19'15.0574"N	80°33'49.0959"W	1375.10	313.203	0.95
4992.00	31.680	317.170	4642.38	-1268.04	976.33	-1034.86	1703369.78	665014.03	40°19'15.3990"N	80°33'49.5209"W	1422.73	313.333	0.14
5083.00	31.630	317.250	4719.84	-1311.97	1011.38	-1067.30	1703337.33	665049.07	40°19'15.7415"N	80°33'49.9450"W	1470.38	313.459	0.07
5174.00	29.910	314.860	4798.03	-1354.42	1044.91	-1099.59	1703305.05	665082.60	40°19'16.0690"N	80°33'50.3669"W	1516.88	313.540	2.32
5264.00	23.110	303.020	4878.57	-1388.80	1070.41	-1130.36	1703274.28	665108.10	40°19'16.3174"N	80°33'50.7681"W	1556.76	313.440	9.54



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Slot	6H		

WELLPATH DATA (310 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]
5355.00	17.420	284.380	4963.99	-1410.68	1083.55	-1158.58	1703246.06	665121.24	40°19'16.4439"N	80°33'51.1344"W	1586.31	313.083	9.39
5446.00	15.040	257.410	5051.49	-1419.79	1084.36	-1183.34	1703221.30	665122.05	40°19'16.4490"N	80°33'51.4541"W	1805.03	312.501	8.60
5536.00	14.880	225.730	5138.58	-1416.42	1073.73	-1203.04	1703201.60	665111.42	40°19'16.3417"N	80°33'51.7068"W	1612.51	311.749	8.98
5627.00	19.820	203.130	5225.51	-1400.22	1051.35	-1217.49	1703187.14	665089.04	40°19'16.1188"N	80°33'51.8900"W	1608.61	310.812	9.09
5718.00	25.130	188.350	5309.63	-1371.81	1017.99	-1226.37	1703178.26	665055.68	40°19'15.7882"N	80°33'51.9995"W	1593.83	309.696	8.48
5810.00	33.570	181.040	5389.78	-1330.70	973.14	-1229.68	1703174.96	665010.83	40°19'15.3446"N	80°33'52.0353"W	1568.15	308.357	9.95
5900.00	42.380	176.920	5460.67	-1278.25	917.85	-1228.50	1703176.14	664955.54	40°19'14.7985"N	80°33'52.0116"W	1533.51	306.765	10.18
5991.00	48.920	174.740	5524.25	-1215.58	853.00	-1223.70	1703180.94	664890.69	40°19'14.1582"N	80°33'51.9397"W	1491.66	304.879	7.39
6082.00	56.010	170.740	5579.67	-1145.15	781.50	-1214.47	1703190.17	664819.19	40°19'13.4528"N	80°33'51.8097"W	1444.19	302.761	8.53
6173.00	66.490	168.660	5623.38	-1066.55	703.14	-1200.15	1703204.48	664740.82	40°19'12.6801"N	80°33'51.6129"W	1390.96	300.365	11.69
6264.00	73.440	165.130	5654.55	-981.68	619.95	-1180.73	1703223.91	664657.64	40°19'11.8604"N	80°33'51.3494"W	1333.59	297.702	8.46
6354.00	80.040	164.990	5675.18	-894.43	535.36	-1158.15	1703246.48	664573.04	40°19'11.0272"N	80°33'51.0451"W	1275.90	294.809	7.33
6445.00	88.010	162.790	5684.64	-804.18	448.49	-1133.05	1703271.59	664486.17	40°19'10.1717"N	80°33'50.7077"W	1218.58	291.595	9.08
6537.00	89.520	162.500	5686.63	-712.28	360.70	-1105.62	1703299.02	664398.38	40°19'9.3074"N	80°33'50.3401"W	1162.96	288.068	1.67
6627.00	89.550	162.380	5687.36	-622.35	274.89	-1078.46	1703326.17	664312.58	40°19'8.4628"N	80°33'49.9765"W	1112.95	284.300	0.14
6718.00	89.610	162.730	5688.02	-531.42	188.08	-1051.18	1703353.46	664225.76	40°19'7.6082"N	80°33'49.6111"W	1067.88	280.144	0.39
6809.00	89.420	162.090	5688.79	-440.49	101.34	-1023.68	1703380.95	664139.02	40°19'6.7543"N	80°33'49.2429"W	1028.69	275.654	0.73
6900.00	89.490	162.340	5689.66	-349.54	14.69	-995.89	1703408.75	664052.37	40°19'5.9013"N	80°33'48.8708"W	996.00	270.845	0.29
6990.00	89.420	161.910	5690.52	-259.59	-70.96	-968.27	1703436.37	663966.72	40°19'5.0582"N	80°33'48.5012"W	970.86	265.809	0.48
7080.00	89.270	161.130	5691.54	-169.62	-156.31	-939.74	1703464.90	663881.37	40°19'4.2182"N	80°33'48.1199"W	952.65	260.556	0.88
7171.00	89.360	158.650	5692.63	-78.68	-241.18	-906.98	1703497.66	663796.50	40°19'3.3834"N	80°33'47.6840"W	938.49	255.109	4.92
7261.00	89.730	164.020	5693.35	11.26	-325.87	-876.71	1703527.93	663711.81	40°19'2.5501"N	80°33'47.2804"W	935.31	249.610	8.20
7352.00	89.580	163.650	5693.90	102.08	-413.27	-851.38	1703553.26	663624.41	40°19'1.8895"N	80°33'46.9400"W	946.38	244.108	0.44
7443.00	89.490	163.410	5694.64	192.94	-500.53	-825.58	1703579.06	663537.14	40°19'0.8302"N	80°33'46.5937"W	965.46	238.772	0.28
7534.00	89.330	163.210	5695.57	283.81	-587.69	-799.45	1703605.20	663449.98	40°18'59.9720"N	80°33'46.2430"W	992.22	233.679	0.28
7625.00	89.610	163.580	5696.41	374.67	-674.89	-773.44	1703631.20	663362.78	40°18'59.1134"N	80°33'45.8941"W	1026.49	228.893	0.51
7715.00	89.610	163.910	5697.03	464.50	-761.29	-748.25	1703656.39	663276.38	40°18'58.2626"N	80°33'45.5557"W	1067.45	224.505	0.37
7806.00	89.610	163.590	5697.65	555.34	-848.66	-722.79	1703681.86	663189.01	40°18'57.4023"N	80°33'45.2137"W	1114.74	220.420	0.35
7897.00	89.520	163.610	5698.34	646.18	-935.95	-697.09	1703707.55	663101.72	40°18'56.5427"N	80°33'44.8687"W	1167.02	216.679	0.10
7987.00	89.120	163.570	5699.41	736.03	-1022.28	-671.67	1703732.97	663015.39	40°18'55.6927"N	80°33'44.5273"W	1223.19	213.806	0.45



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
8169.00	89.240	163.890	5702.01	917.68	-1196.97	-620.68	1703783.96	862840.70	40°18'53.9724"N	80°33'43.8426"W	1348.33	207.409	0.19
8261.00	89.090	163.310	5703.35	1009.52	-1285.22	-594.71	1703809.93	862752.45	40°18'53.1035"N	80°33'43.4936"W	1416.15	204.832	0.65
8352.00	89.240	163.760	5704.68	1100.37	-1372.48	-568.92	1703835.72	862665.19	40°18'52.2443"N	80°33'43.1476"W	1485.72	202.515	0.52
8444.00	89.090	163.350	5706.02	1192.21	-1460.70	-542.88	1703861.76	862576.96	40°18'51.3755"N	80°33'42.7980"W	1558.32	200.388	0.47
8536.00	89.210	163.790	5707.38	1284.05	-1548.94	-516.86	1703887.78	862488.72	40°18'50.5067"N	80°33'42.4487"W	1632.90	198.453	0.50
8627.00	89.180	163.320	5708.66	1374.89	-1636.21	-491.10	1703913.54	862401.46	40°18'49.6474"N	80°33'42.1029"W	1708.32	196.707	0.52
8719.00	89.090	162.440	5710.05	1466.79	-1724.12	-464.02	1703940.62	862313.54	40°18'48.7818"N	80°33'41.7400"W	1785.47	195.063	0.96
8810.00	88.930	162.980	5711.62	1557.69	-1810.99	-436.98	1703967.66	862226.67	40°18'47.9266"N	80°33'41.3777"W	1862.97	193.566	0.62
8902.00	89.090	163.840	5713.21	1649.54	-1899.15	-410.72	1703993.93	862138.51	40°18'47.0585"N	80°33'41.0253"W	1943.05	192.203	0.95
8993.00	89.150	163.530	5714.61	1740.37	-1986.47	-385.16	1704019.49	862051.18	40°18'46.1986"N	80°33'40.6820"W	2023.47	190.973	0.35
9085.00	89.240	163.550	5715.90	1832.22	-2074.70	-359.09	1704045.55	861962.96	40°18'45.3299"N	80°33'40.3321"W	2105.54	189.820	0.10
9177.00	89.150	164.050	5717.19	1924.03	-2163.03	-333.43	1704071.22	861874.62	40°18'44.4600"N	80°33'39.9874"W	2188.58	188.763	0.55
9360.00	89.150	163.540	5719.91	2106.67	-2338.74	-282.36	1704122.28	861698.91	40°18'42.7298"N	80°33'39.3015"W	2355.73	186.884	0.28
9452.00	89.090	162.280	5721.32	2198.57	-2426.67	-255.33	1704149.32	861610.98	40°18'41.8641"N	80°33'38.9392"W	2440.06	186.006	1.37
9544.00	89.240	162.600	5722.66	2290.49	-2514.37	-227.58	1704177.07	861523.28	40°18'41.0007"N	80°33'38.5676"W	2524.65	185.172	0.38
9635.00	89.240	162.380	5723.87	2381.42	-2601.15	-200.20	1704204.45	861436.50	40°18'40.1465"N	80°33'38.2010"W	2608.84	184.401	0.24
9727.00	89.210	162.340	5725.11	2473.35	-2688.81	-172.32	1704232.32	861348.83	40°18'39.2835"N	80°33'37.8278"W	2694.33	183.667	0.05
9819.00	89.180	162.620	5726.41	2565.27	-2776.54	-144.63	1704260.02	861261.11	40°18'38.4199"N	80°33'37.4570"W	2780.30	182.982	0.31
9910.00	89.120	161.690	5727.76	2656.21	-2863.15	-116.75	1704287.90	861174.50	40°18'37.5673"N	80°33'37.0839"W	2865.53	182.335	1.02
10002.00	89.210	162.240	5729.10	2748.17	-2950.62	-88.27	1704316.38	861087.03	40°18'36.7063"N	80°33'36.7030"W	2951.94	181.713	0.61
10093.00	89.120	162.420	5730.42	2839.10	-3037.32	-60.65	1704344.00	861000.33	40°18'35.8528"N	80°33'36.3333"W	3037.92	181.144	0.22
10185.00	89.950	165.260	5731.17	2930.91	-3125.67	-35.05	1704369.60	860911.98	40°18'34.9828"N	80°33'35.9895"W	3125.86	180.642	3.22
10276.00	89.670	163.130	5731.47	3021.69	-3213.22	-10.26	1704394.39	860824.42	40°18'34.1205"N	80°33'35.6562"W	3213.24	180.183	2.36
10368.00	89.580	163.330	5732.07	3113.57	-3301.31	16.28	1704420.93	860736.33	40°18'33.2532"N	80°33'35.3002"W	3301.35	179.717	0.24
10459.00	89.090	162.290	5733.13	3204.48	-3388.24	43.17	1704447.82	860648.40	40°18'32.3974"N	80°33'34.9399"W	3388.51	179.270	1.26
10551.00	89.060	161.920	5734.62	3296.42	-3475.77	71.44	1704476.09	860561.87	40°18'31.5357"N	80°33'34.5618"W	3476.51	178.623	0.40
10643.00	89.150	162.180	5736.05	3388.36	-3563.28	99.79	1704504.44	860474.35	40°18'30.6743"N	80°33'34.1825"W	3564.68	178.396	0.30
10734.00	89.150	162.400	5737.40	3479.30	-3649.96	127.47	1704532.12	860387.68	40°18'29.8210"N	80°33'33.8121"W	3652.19	178.000	0.24
10826.00	89.210	162.190	5738.72	3571.23	-3737.60	155.44	1704560.09	860300.04	40°18'28.9584"N	80°33'33.4377"W	3740.83	177.619	0.24
10918.00	89.150	162.160	5740.04	3663.18	-3825.17	183.60	1704588.25	860212.47	40°18'28.0963"N	80°33'33.0609"W	3829.57	177.252	0.07



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
11009.00	89.180	162.360	5741.36	3754.11	-3911.83	211.33	1704615.98	660125.80	40°18'27.2432"N	80°33'32.6899"W	3917.54	176.908	0.22
11101.00	89.120	162.180	5742.73	3846.05	-3999.45	239.34	1704643.99	660038.18	40°18'26.3806"N	80°33'32.3150"W	4006.61	176.575	0.21
11192.00	89.020	162.320	5744.20	3936.98	-4086.11	267.08	1704671.73	659951.52	40°18'25.5276"N	80°33'31.9438"W	4094.83	176.260	0.19
11284.00	89.150	162.120	5745.67	4028.92	-4173.71	295.17	1704699.82	659863.93	40°18'24.6653"N	80°33'31.5879"W	4184.13	175.955	0.26
11376.00	89.120	162.220	5747.06	4120.86	-4261.28	323.34	1704727.99	659776.35	40°18'23.8033"N	80°33'31.1911"W	4273.53	175.661	0.11
11467.00	89.270	162.820	5748.34	4211.78	-4348.07	350.67	1704755.32	659689.56	40°18'22.9489"N	80°33'30.8252"W	4362.18	175.389	0.68
11559.00	89.120	162.250	5749.63	4303.70	-4435.82	378.27	1704782.93	659601.81	40°18'22.0850"N	80°33'30.4555"W	4451.91	175.126	0.64
11651.00	89.300	162.750	5750.90	4395.63	-4523.55	405.94	1704810.59	659514.08	40°18'21.2213"N	80°33'30.0851"W	4541.73	174.872	0.58
11742.00	89.420	163.290	5751.92	4486.52	-4610.58	432.51	1704837.17	659427.05	40°18'20.3644"N	80°33'29.7289"W	4630.82	174.641	0.61
11834.00	89.460	163.860	5752.82	4578.36	-4698.82	458.52	1704863.18	659338.81	40°18'19.4955"N	80°33'29.3798"W	4721.14	174.427	0.62
11926.00	90.040	166.500	5753.22	4670.02	-4787.75	482.05	1704886.71	659249.88	40°18'18.6195"N	80°33'29.0626"W	4811.95	174.251	2.94
12018.00	89.550	164.400	5753.55	4761.64	-4876.79	505.16	1704909.82	659160.83	40°18'17.7423"N	80°33'28.7508"W	4902.88	174.086	2.34
12109.00	89.300	162.960	5754.46	4852.48	-4964.12	530.73	1704935.39	659073.50	40°18'16.8824"N	80°33'28.4075"W	4992.41	173.897	1.61
12201.00	89.820	163.510	5755.17	4944.35	-5052.20	557.27	1704961.93	658985.42	40°18'16.0151"N	80°33'28.0517"W	5082.84	173.706	0.82
12292.00	89.210	162.400	5755.94	5035.26	-5139.20	583.94	1704988.60	658898.42	40°18'15.1585"N	80°33'27.6942"W	5172.27	173.518	1.39
12384.00	89.610	164.040	5756.89	5127.12	-5227.28	610.50	1705015.16	658810.34	40°18'14.2913"N	80°33'27.3381"W	5262.81	173.339	1.83
12475.00	89.670	161.250	5757.46	5218.04	-5314.12	637.64	1705042.30	658723.49	40°18'13.4363"N	80°33'26.9746"W	5352.24	173.158	3.07
12567.00	89.860	161.510	5757.83	5310.02	-5401.31	667.02	1705071.67	658636.31	40°18'12.5783"N	80°33'26.5823"W	5442.34	172.960	0.35
12659.00	89.240	161.240	5758.56	5402.00	-5488.49	696.40	1705101.05	658549.13	40°18'11.7202"N	80°33'26.1898"W	5532.49	172.769	0.74
12750.00	89.240	162.090	5759.76	5492.96	-5574.86	725.02	1705129.68	658462.76	40°18'10.8701"N	80°33'25.8073"W	5621.80	172.590	0.93
12842.00	89.300	161.820	5760.94	5584.92	-5662.33	753.52	1705158.17	658375.29	40°18'10.0091"N	80°33'25.4263"W	5712.24	172.420	0.30
12933.00	89.150	161.380	5762.17	5675.89	-5748.66	782.24	1705186.90	658288.95	40°18'9.1593"N	80°33'25.0425"W	5801.64	172.251	0.51
13025.00	89.420	162.960	5763.32	5767.83	-5836.24	810.40	1705215.06	658201.38	40°18'8.2973"N	80°33'24.6657"W	5892.23	172.095	1.74
13117.00	89.360	166.010	5764.29	5859.57	-5924.87	835.01	1705239.67	658112.74	40°18'7.4243"N	80°33'24.3347"W	5983.42	171.978	3.32
13209.00	89.300	166.440	5765.37	5951.07	-6014.22	856.91	1705261.57	658023.39	40°18'6.5440"N	80°33'24.0384"W	6074.96	171.891	0.47
13300.00	88.810	159.690	5766.87	6041.90	-6101.21	883.40	1705288.06	657936.40	40°18'5.6875"N	80°33'23.6834"W	6164.83	171.761	7.44
13392.00	90.230	161.030	5767.84	6133.89	-6187.85	914.32	1705318.98	657849.76	40°18'4.8349"N	80°33'23.2712"W	6255.03	171.595	2.12
13484.00	90.010	161.450	5767.45	6225.88	-6274.96	943.91	1705348.57	657762.65	40°18'3.9776"N	80°33'22.8762"W	6345.56	171.445	0.52
13576.00	89.670	161.170	5767.71	6317.86	-6362.11	973.39	1705378.05	657675.50	40°18'3.1199"N	80°33'22.4825"W	6436.14	171.301	0.48
13667.00	90.630	161.320	5767.47	6408.85	-6448.27	1002.65	1705407.31	657589.33	40°18'2.2718"N	80°33'22.0918"W	6525.76	171.162	1.07



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION

Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
13759.00	89.690	161.330	5767.05	6500.83	-6535.43	1032.10	1705436.77	657502.17	40°18'1.4141"N	80°33'21.6984"W	6616.42	171.026	0.80
13850.00	89.550	161.080	5767.50	6591.82	-6621.58	1061.42	1705466.09	657416.03	40°18'0.5662"N	80°33'21.3070"W	6706.11	170.893	0.46
13942.00	90.440	161.410	5767.51	6683.81	-6708.69	1091.00	1705495.67	657328.91	40°17'59.7089"N	80°33'20.9121"W	6796.82	170.763	1.03
14033.00	89.670	159.950	5767.42	6774.80	-6794.56	1121.11	1705525.77	657243.04	40°17'58.8638"N	80°33'20.5105"W	6886.43	170.631	1.81
14125.00	89.700	153.260	5767.92	6866.56	-6878.95	1157.62	1705562.28	657158.65	40°17'58.0342"N	80°33'20.0266"W	6975.67	170.448	7.27
14217.00	89.860	153.720	5768.28	6957.91	-6961.28	1198.68	1705603.35	657076.32	40°17'57.2255"N	80°33'19.4842"W	7063.72	170.230	0.53
14309.00	89.820	160.320	5768.53	7049.70	-7045.93	1234.58	1705639.24	656991.67	40°17'56.3932"N	80°33'19.0081"W	7153.27	170.062	7.17
14401.00	90.130	164.490	5768.57	7141.62	-7133.60	1262.38	1705667.05	656903.99	40°17'55.5300"N	80°33'18.8360"W	7244.44	169.965	4.55
14492.00	90.190	166.870	5768.32	7232.21	-7221.77	1284.69	1705689.55	656815.83	40°17'54.6615"N	80°33'18.3322"W	7335.18	169.912	2.62
14584.00	90.070	168.090	5768.11	7323.49	-7311.58	1304.83	1705709.50	656726.01	40°17'53.7763"N	80°33'18.0612"W	7427.10	169.881	1.33
14675.00	90.010	167.910	5768.05	7413.67	-7400.59	1323.75	1705728.42	656637.00	40°17'52.8990"N	80°33'17.8035"W	7518.05	169.859	0.21
14767.00	90.380	168.570	5767.74	7504.79	-7490.66	1342.50	1705747.17	656546.93	40°17'52.0112"N	80°33'17.5479"W	7610.01	169.839	0.82
14858.00	89.580	168.310	5767.77	7594.87	-7579.81	1360.74	1705765.40	656457.78	40°17'51.1323"N	80°33'17.2991"W	7700.98	169.823	0.92
14950.00	89.700	168.170	5768.35	7685.98	-7669.88	1379.49	1705784.16	656367.71	40°17'50.2445"N	80°33'17.0435"W	7792.95	169.804	0.20
15042.00	89.670	168.190	5768.85	7777.11	-7759.93	1398.33	1705803.00	656277.66	40°17'49.3569"N	80°33'16.7867"W	7884.91	169.785	0.04
15133.00	89.760	168.370	5769.30	7867.23	-7849.03	1416.82	1705821.49	656188.56	40°17'48.4786"N	80°33'16.5346"W	7975.88	169.768	0.22
15225.00	89.820	168.610	5769.56	7958.29	-7939.18	1435.18	1705839.84	656098.41	40°17'47.5899"N	80°33'16.2841"W	8067.85	169.753	0.31
15316.00	89.730	167.230	5769.84	8048.49	-8028.16	1454.22	1705858.89	656009.43	40°17'46.7129"N	80°33'16.0248"W	8158.81	169.733	1.53
15408.00	89.580	167.060	5770.39	8139.83	-8117.85	1474.69	1705879.36	655919.73	40°17'45.8290"N	80°33'15.7471"W	8250.71	169.704	0.25
15499.00	89.700	166.990	5770.96	8230.20	-8206.53	1495.12	1705899.79	655831.06	40°17'44.9551"N	80°33'15.4700"W	8341.61	169.675	0.15
15591.00	89.610	166.860	5771.52	8321.58	-8296.14	1515.92	1705920.58	655741.44	40°17'44.0720"N	80°33'15.1881"W	8433.51	169.645	0.15
15682.00	89.350	167.020	5771.87	8411.97	-8384.79	1536.46	1705941.13	655652.79	40°17'43.1984"N	80°33'14.9095"W	8524.41	169.616	0.40
15665.00	89.760	166.740	5772.33	8503.76	-8563.02	1578.00	1705982.67	655474.56	40°17'41.4421"N	80°33'14.3465"W	8707.20	169.559	0.18
15957.00	89.860	164.020	5772.64	8685.39	-8652.03	1601.22	1706005.89	655385.55	40°17'40.5653"N	80°33'14.0334"W	8798.95	169.515	2.95
16048.00	89.950	166.870	5772.79	8776.02	-8740.10	1624.09	1706028.76	655297.46	40°17'39.6977"N	80°33'13.7250"W	8889.71	169.473	3.13
16140.00	89.980	166.700	5772.84	8867.43	-8829.66	1645.12	1706049.79	655207.91	40°17'38.8151"N	80°33'13.4401"W	8981.61	169.446	0.19
16232.00	89.700	163.100	5773.10	8959.12	-8918.47	1669.08	1706073.75	655119.10	40°17'37.9403"N	80°33'13.1174"W	9073.31	169.400	3.92
16324.00	89.760	163.220	5773.53	9051.00	-9006.52	1695.74	1706100.41	655031.05	40°17'37.0733"N	80°33'12.7602"W	9164.77	169.337	0.15
16415.00	90.070	167.130	5773.67	9141.65	-9094.48	1719.01	1706123.68	654943.10	40°17'36.2069"N	80°33'12.4465"W	9255.51	169.296	4.31
16507.00	89.820	166.860	5773.76	9233.03	-9184.12	1739.72	1706144.39	654853.45	40°17'35.8235"N	80°33'12.1657"W	9347.44	169.274	0.40



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
16599.00	89.890	166.980	5773.99	9324.42	-9273.73	1760.55	1706165.22	654763.84	40°17'34.4405"N	80°33'11.8833"W	9439.36	169.251	0.13
16690.00	89.520	166.990	5774.46	9414.80	-9362.38	1781.06	1706185.73	654675.19	40°17'33.5668"N	80°33'11.6053"W	9530.29	169.229	0.41
16782.00	89.550	166.910	5775.20	9506.18	-9452.01	1801.84	1706206.51	654585.56	40°17'32.6836"N	80°33'11.3237"W	9622.22	169.207	0.09
16873.00	89.610	166.750	5775.87	9596.58	-9540.61	1822.57	1706227.24	654496.96	40°17'31.8105"N	80°33'11.0427"W	9713.14	169.185	0.19
16965.00	89.610	166.760	5776.50	9688.00	-9630.16	1843.65	1706248.32	654407.41	40°17'30.9281"N	80°33'10.7572"W	9805.05	169.162	0.01
17056.00	89.760	167.380	5777.00	9778.36	-9718.85	1864.01	1706268.68	654318.71	40°17'30.0540"N	80°33'10.4810"W	9895.99	169.143	0.70
17148.00	89.550	167.030	5777.55	9869.69	-9808.57	1884.38	1706289.06	654229.00	40°17'29.1699"N	80°33'10.2046"W	9987.94	169.125	0.44
17239.00	89.550	166.930	5778.27	9960.07	-9897.22	1904.88	1706309.56	654140.34	40°17'28.2962"N	80°33'9.9266"W	10078.87	169.106	0.11
17331.00	89.520	166.700	5779.01	10051.47	-9986.79	1925.87	1706330.54	654050.77	40°17'27.4136"N	80°33'9.6423"W	10170.79	169.085	0.25
17423.00	89.610	166.850	5779.71	10142.88	-10076.35	1946.91	1706351.59	653961.21	40°17'26.5310"N	80°33'9.3572"W	10262.72	169.064	0.19
17514.00	88.810	166.080	5780.97	10233.35	-10164.81	1968.21	1706372.88	653872.75	40°17'25.6594"N	80°33'9.0690"W	10353.61	169.041	1.22
17606.00	89.640	166.700	5782.21	10324.82	-10254.22	1989.86	1706394.53	653783.34	40°17'24.7784"N	80°33'8.7762"W	10445.51	169.018	1.13
17697.00	89.460	166.770	5782.93	10415.24	-10342.79	2010.74	1706415.41	653694.77	40°17'23.9057"N	80°33'8.4934"W	10536.43	168.998	0.21
17789.00	89.610	167.000	5783.67	10506.63	-10432.39	2031.61	1706436.28	653605.17	40°17'23.0227"N	80°33'8.2105"W	10628.37	168.980	0.30
17881.00	87.920	164.750	5785.66	10598.17	-10521.58	2054.05	1706458.73	653515.98	40°17'22.1440"N	80°33'7.9075"W	10720.20	168.953	3.06
17972.00	88.720	165.970	5786.32	10688.77	-10609.58	2077.04	1706481.72	653427.97	40°17'21.2771"N	80°33'7.5975"W	10810.98	168.923	1.60
18064.00	89.120	165.850	5790.06	10780.31	-10698.80	2099.44	1706504.11	653338.76	40°17'20.3981"N	80°33'7.2951"W	10902.84	168.898	0.45
18156.00	89.790	167.000	5790.93	10871.78	-10788.22	2121.03	1706525.70	653249.33	40°17'19.5169"N	80°33'7.0030"W	10994.75	168.877	1.45
18247.00	89.550	167.010	5791.46	10962.16	-10876.89	2141.49	1706546.17	653160.68	40°17'18.6431"N	80°33'6.7256"W	11085.70	168.862	0.26
18338.00	88.900	166.800	5792.69	11052.65	-10965.52	2162.11	1706566.75	653072.04	40°17'17.7698"N	80°33'6.4462"W	11176.64	168.846	0.75
18430.00	88.870	166.960	5794.48	11143.92	-11055.10	2182.99	1706587.65	652982.45	40°17'16.8870"N	80°33'6.1632"W	11268.57	168.830	0.18
18522.00	89.180	166.930	5796.04	11235.29	-11144.71	2203.76	1706608.44	652892.84	40°17'16.0040"N	80°33'5.8816"W	11360.50	168.815	0.34
18613.00	89.270	167.570	5797.27	11325.61	-11233.45	2223.85	1706628.52	652804.09	40°17'15.1293"N	80°33'5.6091"W	11451.46	168.802	0.71
18705.00	88.870	167.110	5798.77	11416.91	-11323.20	2244.01	1706648.68	652714.34	40°17'14.2448"N	80°33'5.3354"W	11543.42	168.790	0.66
18797.00	89.020	167.250	5800.46	11508.23	-11412.90	2264.42	1706669.05	652624.65	40°17'13.3609"N	80°33'5.0585"W	11635.37	168.778	0.22
18888.00	88.750	166.880	5802.23	11598.58	-11501.57	2284.78	1706689.45	652535.98	40°17'12.4870"N	80°33'4.7823"W	11726.31	168.764	0.50
18980.00	89.270	164.390	5803.82	11690.16	-11590.67	2307.60	1706712.28	652446.87	40°17'11.6092"N	80°33'4.4745"W	11818.15	168.740	2.76
19072.00	89.150	161.580	5805.09	11782.04	-11678.63	2334.52	1706739.20	652358.91	40°17'10.7432"N	80°33'4.1139"W	11909.67	168.698	3.06
19163.00	89.210	162.020	5806.39	11873.00	-11765.07	2362.94	1706767.62	652272.47	40°17'9.8923"N	80°33'3.7342"W	12000.01	168.644	0.49
19255.00	89.150	161.790	5807.71	11964.95	-11852.51	2391.51	1706796.19	652185.03	40°17'9.0316"N	80°33'3.3523"W	12091.37	168.592	0.26



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWP
Slot	6H		

WELLPATH DATA (310 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]
19347.00	89.240	162.460	5809.00	12056.90	-11940.06	2419.75	1706824.42	652097.48	40°17'8.1698"N	80°33'2.9748"W	12182.78	168.544	0.73
19438.00	89.270	162.280	5810.19	12147.83	-12026.78	2447.30	1706851.98	652010.76	40°17'7.3160"N	80°33'2.6061"W	12273.25	168.498	0.20
19530.00	89.270	162.260	5811.36	12239.77	-12114.40	2475.32	1706880.00	651923.14	40°17'6.4534"N	80°33'2.2314"W	12364.70	168.452	0.02
19621.00	89.240	162.350	5812.54	12330.71	-12201.09	2502.98	1706907.66	651836.45	40°17'5.6000"N	80°33'1.8615"W	12455.18	168.407	0.10
19713.00	89.120	159.410	5813.86	12422.68	-12287.99	2533.10	1706937.78	651749.54	40°17'4.7448"N	80°33'1.4597"W	12546.37	168.352	3.20
19805.00	89.210	161.900	5815.20	12514.66	-12374.78	2563.57	1706968.25	651662.75	40°17'3.8907"N	80°33'1.0535"W	12637.53	168.296	2.71
19896.00	89.180	161.480	5816.48	12605.63	-12461.17	2592.16	1706996.84	651576.37	40°17'3.0404"N	80°33'0.6716"W	12727.92	168.249	0.46
19988.00	89.020	161.650	5817.92	12697.59	-12548.43	2621.25	1707025.93	651489.10	40°17'2.1814"N	80°33'0.2832"W	12819.29	168.201	0.25
20079.00	89.020	160.920	5819.48	12788.57	-12634.61	2650.44	1707055.12	651402.92	40°17'1.3333"N	80°32'59.8935"W	12909.62	168.152	0.80
20171.00	89.150	162.050	5820.95	12880.63	-12721.84	2679.65	1707084.33	651315.70	40°17'0.4747"N	80°32'59.5035"W	13000.99	168.105	1.24
20262.00	89.060	161.060	5822.37	12971.50	-12808.15	2708.44	1707113.12	651229.38	40°16'59.6252"N	80°32'59.1190"W	13091.38	168.060	1.09
20354.00	89.150	160.930	5823.81	13063.48	-12895.12	2738.40	1707143.08	651142.41	40°16'58.7692"N	80°32'58.7194"W	13182.68	168.011	0.17
20445.00	89.180	157.420	5825.13	13154.44	-12980.16	2770.74	1707175.42	651057.37	40°16'57.9327"N	80°32'58.2893"W	13272.58	167.950	3.86
20537.00	89.330	163.610	5826.33	13246.39	-13066.84	2801.41	1707206.09	650970.69	40°16'57.0797"N	80°32'57.8805"W	13363.76	167.899	6.73
20628.00	88.780	162.910	5827.83	13337.25	-13153.97	2827.62	1707232.30	650883.56	40°16'56.2217"N	80°32'57.5293"W	13454.45	167.868	0.98
20720.00	89.020	162.510	5829.60	13429.15	-13241.80	2854.96	1707259.64	650795.73	40°16'55.3570"N	80°32'57.1634"W	13546.07	167.833	0.51
20812.00	89.330	163.470	5830.92	13521.04	-13329.76	2881.87	1707286.55	650707.76	40°16'54.4909"N	80°32'56.8029"W	13637.73	167.801	1.10
20903.00	89.730	163.740	5831.67	13611.89	-13417.06	2907.55	1707312.23	650620.47	40°16'53.6313"N	80°32'56.4584"W	13728.48	167.773	0.53
20995.00	89.550	163.300	5832.25	13703.74	-13505.28	2933.65	1707338.33	650532.25	40°16'52.7626"N	80°32'56.1084"W	13820.23	167.744	0.52
21086.00	89.640	163.280	5832.89	13794.61	-13592.43	2959.81	1707364.50	650445.09	40°16'51.9044"N	80°32'55.7577"W	13910.95	167.715	0.10
21178.00	89.180	163.040	5833.84	13886.49	-13680.48	2986.46	1707391.15	650357.04	40°16'51.0374"N	80°32'55.4006"W	14002.66	167.685	0.58
21270.00	89.210	163.410	5835.13	13978.36	-13768.56	3013.01	1707417.70	650268.96	40°16'50.1701"N	80°32'55.0448"W	14094.37	167.656	0.40
21361.00	89.300	163.450	5836.31	14069.22	-13855.77	3038.96	1707443.65	650181.75	40°16'49.3113"N	80°32'54.6969"W	14185.12	167.629	0.11
21453.00	89.210	163.550	5837.51	14161.07	-13943.97	3065.09	1707469.78	650093.54	40°16'48.4428"N	80°32'54.3465"W	14276.88	167.603	0.15
21544.00	89.240	163.310	5838.74	14251.92	-14031.19	3091.04	1707495.73	650006.33	40°16'47.5840"N	80°32'53.9986"W	14367.63	167.576	0.27
21636.00	89.270	163.420	5839.94	14343.78	-14119.33	3117.38	1707522.06	649918.19	40°16'46.7160"N	80°32'53.6456"W	14459.37	167.550	0.12
21728.00	89.240	163.290	5841.13	14435.65	-14207.47	3143.73	1707548.41	649830.05	40°16'45.8481"N	80°32'53.2924"W	14551.12	167.523	0.15
21820.00	89.270	163.500	5842.33	14527.50	-14295.62	3170.01	1707574.70	649741.89	40°16'44.9801"N	80°32'52.9399"W	14642.88	167.497	0.23
21911.00	89.240	163.080	5843.51	14618.37	-14382.77	3196.18	1707600.86	649654.74	40°16'44.1219"N	80°32'52.5893"W	14733.62	167.471	0.46
22003.00	89.240	161.050	5844.73	14710.32	-14470.29	3224.50	1707629.19	649567.22	40°16'43.2604"N	80°32'52.2107"W	14825.20	167.438	2.21



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
22095.00	88.930	158.760	5846.20	14802.30	-14556.67	3256.11	1707660.79	649480.84	40°16'42.4105"N	80°32'51.7900"W	14916.40	167.391	2.51
22186.00	89.020	158.620	5847.83	14893.25	-14541.44	3289.17	1707693.86	649396.07	40°16'41.5767"N	80°32'51.3506"W	15006.34	167.339	0.18
22278.00	89.020	158.620	5849.40	14985.19	-14727.09	3322.71	1707727.39	649310.41	40°16'40.7341"N	80°32'50.9051"W	15097.27	167.286	0.00
22370.00	89.020	158.710	5850.98	15077.14	-14812.78	3356.17	1707760.86	649224.73	40°16'39.8913"N	80°32'50.4605"W	15188.23	167.234	0.10
22461.00	89.020	158.500	5852.53	15168.09	-14897.49	3389.36	1707794.05	649140.01	40°16'39.0580"N	80°32'50.0195"W	15278.19	167.183	0.23
22553.00	89.060	158.800	5854.07	15260.04	-14983.17	3422.85	1707827.54	649054.34	40°16'38.2153"N	80°32'49.5746"W	15369.16	167.132	0.33
22645.00	88.990	158.670	5855.64	15351.99	-15068.89	3456.21	1707860.90	648968.61	40°16'37.3721"N	80°32'49.1313"W	15460.17	167.082	0.16
22743.00	88.900	156.290	5857.44	15449.85	-15159.40	3493.74	1707898.43	648878.11	40°16'36.4821"N	80°32'48.6336"W	15556.78	167.022	2.43
22838.00	88.930	153.810	5859.24	15544.42	-15245.51	3533.80	1707938.49	648791.99	40°16'35.6358"N	80°32'48.1038"W	15649.70	166.950	2.61
22934.00	89.090	151.730	5860.90	15639.58	-15330.85	3577.72	1707982.41	648706.65	40°16'34.7975"N	80°32'47.5244"W	15742.78	166.864	2.17
23029.00	89.020	151.730	5862.47	15733.50	-15414.51	3622.71	1708027.40	648622.99	40°16'33.9760"N	80°32'46.9315"W	15834.49	166.774	0.07
23124.00	88.870	149.370	5864.22	15827.11	-15497.21	3669.41	1708074.10	648540.29	40°16'33.1642"N	80°32'46.3166"W	15925.71	166.679	2.49
23220.00	88.900	146.960	5866.09	15920.94	-15576.75	3720.03	1708124.72	648458.75	40°16'32.3643"N	80°32'45.6513"W	16016.74	166.570	2.51
23315.00	88.960	146.950	5867.86	16013.36	-15658.37	3771.82	1708176.52	648379.13	40°16'31.5835"N	80°32'44.9712"W	16106.25	166.456	0.06
23411.00	89.150	144.720	5869.44	16106.30	-15737.79	3825.72	1708230.42	648299.71	40°16'30.8049"N	80°32'44.2639"W	16196.11	166.337	2.33
23506.00	89.060	142.440	5870.93	16197.26	-15814.22	3882.12	1708286.81	648223.28	40°16'30.0562"N	80°32'43.5250"W	16283.74	166.208	2.40
23601.00	88.930	140.050	5872.60	16287.04	-15888.28	3941.57	1708346.27	648149.21	40°16'29.3311"N	80°32'42.7468"W	16369.90	166.067	2.52
23697.00	88.990	137.760	5874.34	16376.40	-15960.61	4004.66	1708409.36	648076.88	40°16'28.6236"N	80°32'41.9221"W	16455.35	165.915	2.39
23792.00	89.020	135.720	5875.99	16463.46	-16029.78	4069.75	1708474.45	648007.71	40°16'27.9476"N	80°32'41.0720"W	16538.35	165.754	2.15
23888.00	89.550	133.560	5877.18	16549.98	-16097.23	4138.05	1708542.75	647940.26	40°16'27.2890"N	80°32'40.1809"W	16620.60	165.583	2.32
23983.00	89.090	133.190	5878.31	16634.68	-16162.47	4207.10	1708611.79	647875.02	40°16'26.6523"N	80°32'39.2803"W	16701.05	165.410	0.62
24078.00	89.060	133.190	5879.85	16719.23	-16227.48	4276.35	1708681.05	647810.01	40°16'26.0179"N	80°32'38.3772"W	16781.49	165.237	0.03
24173.00	89.090	133.320	5881.38	16803.83	-16292.57	4345.53	1708750.23	647744.92	40°16'25.3826"N	80°32'37.4750"W	16862.13	165.066	0.14
24269.00	88.990	133.280	5882.99	16889.36	-16358.40	4415.39	1708820.09	647679.09	40°16'24.7401"N	80°32'36.5640"W	16943.81	164.895	0.11
24364.00	89.050	133.430	5884.61	16974.03	-16423.61	4484.45	1708888.16	647613.88	40°16'24.1037"N	80°32'35.6632"W	17024.84	164.728	0.17
24459.00	88.990	133.420	5886.24	17058.76	-16488.90	4553.44	1708958.14	647548.58	40°16'23.4664"N	80°32'34.7635"W	17106.07	164.562	0.06
24554.00	89.150	133.840	5887.78	17143.64	-16554.44	4622.19	1709026.90	647483.04	40°16'22.8267"N	80°32'33.8668"W	17187.62	164.400	0.47
24650.00	88.990	135.690	5889.34	17230.25	-16622.03	4690.34	1709095.04	647415.45	40°16'22.1666"N	80°32'32.9776"W	17271.11	164.242	1.93
24745.00	88.930	137.490	5891.06	17317.21	-16691.03	4755.81	1709160.32	647346.45	40°16'21.4923"N	80°32'32.1252"W	17355.30	164.097	1.90
24840.00	89.060	137.840	5892.73	17404.88	-16761.25	4819.58	1709224.29	647276.24	40°16'20.8058"N	80°32'31.2995"W	17440.41	163.958	0.39



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
24936.00	89.820	139.980	5893.67	17494.26	-16833.59	4882.67	1709287.38	647203.89	40°16'20.0981"N	80°32'30.4649"W	17527.42	163.825	2.37
25031.00	89.790	142.330	5893.99	17584.00	-16907.58	4942.25	1709346.96	647129.90	40°16'19.3739"N	80°32'29.6852"W	17615.11	163.706	2.47
25126.00	89.760	144.450	5894.36	17674.88	-16983.83	4998.90	1709403.61	647053.65	40°16'18.6269"N	80°32'28.9430"W	17704.22	163.599	2.23
25221.00	89.640	144.530	5894.86	17766.29	-17061.16	5054.08	1709458.79	646976.32	40°16'17.8691"N	80°32'28.2196"W	17794.01	163.499	0.15
25317.00	89.790	146.950	5895.34	17859.20	-17140.50	5108.12	1709512.83	646896.98	40°16'17.0913"N	80°32'27.5107"W	17885.46	163.405	2.53
25412.00	89.890	149.270	5895.60	17952.05	-17221.15	5158.30	1709563.01	646816.33	40°16'16.3000"N	80°32'26.8513"W	17977.10	163.325	2.44
25508.00	90.010	151.640	5895.69	18046.63	-17304.66	5205.64	1709610.35	646732.81	40°16'15.4802"N	80°32'26.2282"W	18070.70	163.258	2.47
25603.00	89.730	153.700	5895.90	18140.78	-17389.05	5249.25	1709663.96	646648.42	40°16'14.6513"N	80°32'25.6530"W	18164.08	163.202	2.19
25699.00	89.700	153.700	5896.38	18236.14	-17475.12	5291.79	1709696.50	646562.36	40°16'13.8058"N	80°32'25.0915"W	18258.77	163.153	0.03
25794.00	89.760	156.390	5896.83	18330.73	-17561.24	5331.86	1709736.57	646476.24	40°16'12.9594"N	80°32'24.5616"W	18352.82	163.111	2.83
25890.00	89.790	158.500	5897.21	18426.61	-17649.89	5368.68	1709773.40	646387.58	40°16'12.0876"N	80°32'24.0734"W	18448.34	163.081	2.20
25985.00	89.670	159.560	5897.65	18521.58	-17738.60	5402.68	1709807.39	646298.88	40°16'11.2149"N	80°32'23.6216"W	18543.10	163.061	1.12
26081.00	89.730	159.900	5898.16	18617.58	-17828.65	5435.94	1709840.65	646208.82	40°16'10.3289"N	80°32'23.1792"W	18638.94	163.044	0.36
26176.00	89.700	159.710	5898.63	18712.57	-17917.81	5468.73	1709873.45	646119.66	40°16'9.4516"N	80°32'22.7428"W	18733.79	163.027	0.20
26271.00	89.760	160.070	5899.08	18807.57	-18007.01	5501.40	1709906.11	646030.45	40°16'8.5738"N	80°32'22.3082"W	18828.65	163.011	0.38
26366.00	89.640	159.710	5899.57	18902.56	-18096.22	5534.06	1709938.77	645941.25	40°16'7.6961"N	80°32'21.8735"W	18923.50	162.996	0.40
26462.00	89.730	159.910	5900.10	18998.56	-18186.32	5567.19	1709971.91	645851.15	40°16'6.8095"N	80°32'21.4327"W	19019.36	162.980	0.23
26557.00	89.700	159.560	5900.57	19093.55	-18275.44	5600.10	1710004.81	645762.03	40°16'5.9327"N	80°32'20.9950"W	19114.20	162.964	0.37
26652.00	89.760	160.150	5901.02	19188.55	-18364.63	5632.81	1710037.53	645672.84	40°16'5.0551"N	80°32'20.5596"W	19209.06	162.948	0.62
26748.00	89.950	160.230	5901.27	19284.55	-18454.94	5665.35	1710070.06	645582.52	40°16'4.1664"N	80°32'20.1265"W	19304.95	162.934	0.21
26843.00	89.790	159.850	5901.48	19379.55	-18544.24	5697.78	1710102.49	645493.23	40°16'3.2877"N	80°32'19.6949"W	19399.83	162.920	0.43
26938.00	90.230	159.900	5901.46	19474.54	-18633.44	5730.46	1710135.18	645404.02	40°16'2.4100"N	80°32'19.2599"W	19494.70	162.905	0.47
27034.00	90.010	159.580	5901.26	19570.54	-18723.50	5763.71	1710168.42	645313.96	40°16'1.5239"N	80°32'18.8177"W	19590.55	162.890	0.40
27129.00	89.760	159.700	5901.45	19665.53	-18812.56	5796.76	1710201.48	645224.90	40°16'0.6476"N	80°32'18.3781"W	19685.40	162.874	0.29
27224.00	90.160	160.980	5901.52	19760.53	-18902.02	5828.72	1710233.44	645135.44	40°15'59.7672"N	80°32'17.9525"W	19780.30	162.862	1.41
27320.00	88.840	161.200	5902.36	19856.52	-18992.84	5859.83	1710264.55	645044.62	40°15'58.8734"N	80°32'17.5377"W	19876.25	162.854	1.39
27415.00	89.330	160.620	5903.88	19951.50	-19082.60	5890.89	1710295.61	644954.86	40°15'57.9900"N	80°32'17.1236"W	19971.18	162.844	0.80
27510.00	89.240	160.030	5905.06	20046.49	-19172.04	5922.88	1710327.60	644865.41	40°15'57.1098"N	80°32'16.6977"W	20066.09	162.832	0.63
27606.00	89.420	160.990	5906.18	20142.48	-19262.54	5954.90	1710359.62	644774.92	40°15'56.2192"N	80°32'16.2711"W	20162.00	162.821	1.02
27701.00	90.220	162.230	5906.48	20237.45	-19352.68	5984.87	1710389.59	644684.77	40°15'55.3319"N	80°32'15.8711"W	20256.97	162.816	1.55



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

WELLPATH DATA (310 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]
27797.00	90.470	162.270	5905.90	20333.40	-19444.11	6014.14	1710418.86	644593.34	40°15'54.4318"N	80°32'15.4800"W	20352.97	162.813	0.26
27892.00	91.430	162.030	5904.33	20428.33	-19534.52	6043.26	1710447.98	644502.93	40°15'53.5417"N	80°32'15.0910"W	20447.95	162.810	1.04
27987.00	91.360	162.170	5902.02	20523.26	-19624.90	6072.45	1710477.17	644412.55	40°15'52.6520"N	80°32'14.7010"W	20542.91	162.807	0.16
28082.00	89.490	159.070	5901.31	20618.24	-19714.50	6103.96	1710508.69	644322.95	40°15'51.7702"N	80°32'14.2811"W	20637.83	162.797	3.81
28178.00	89.420	159.330	5902.22	20714.21	-19804.24	6138.05	1710542.78	644233.21	40°15'50.8873"N	80°32'13.8280"W	20733.63	162.780	0.28
28273.00	89.950	162.110	5902.75	20809.20	-19893.90	6169.42	1710574.14	644143.55	40°15'50.0049"N	80°32'13.4102"W	20828.56	162.770	2.98
28368.00	89.790	161.980	5902.96	20904.16	-19984.27	6198.70	1710603.43	644053.17	40°15'49.1152"N	80°32'13.0190"W	20923.55	162.767	0.22
28558.00	90.010	162.310	5903.29	21094.06	-20165.12	6256.96	1710661.68	643872.32	40°15'47.3348"N	80°32'12.2406"W	21113.54	162.762	0.21
28577.00	90.100	162.170	5903.28	21113.05	-20183.21	6262.75	1710667.48	643854.23	40°15'47.1567"N	80°32'12.1632"W	21132.54	162.761	0.88
28602.00‡	90.100	162.170	5903.23	21138.03	-20207.01	6270.41	1710675.13	643830.43	40°15'46.9224"N	80°32'12.0609"W	21157.54	162.760	0.00

HOLE & CASING SECTIONS - Ref Wellbore: Gerald Gourley BRK 6H AWB Ref Wellpath: Gerald Gourley BRK 6H awp Proj: 28602'									
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]
13.375in Casing	26.00	600.00	574.00	26.00	599.99	0.00	0.00	-0.59	1.15
9.625in Casing	26.00	1486.00	1460.00	26.00	1483.41	0.00	0.00	-26.85	-57.63
5.5in Casing	26.00	28602.00	28576.00	26.00	5903.23	0.00	0.00	-20207.01	6270.41



Actual Wellpath Report

Gerald Gourley BRK 6H awp Proj: 28602'
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REFERENCE WELLPATH IDENTIFICATION			
Operator	EXPAND ENERGY	Well	Gerald Gourley BRK 6H
Field	Brooke WV (NAD27 SP)	API	47009003460000
Facility	Gerald Gourley BRK Pad	Wellbore	Gerald Gourley BRK 6H AWB
Slot	6H		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Gerald Gourley BRK 6H LP rev 1	5687.00	440.33	-1135.42	1703269.22	664478.02	40°19'10.0909"N	80°33'50.7370"W	point
Gerald Gourley BRK 6H wp1	5761.90	-7217.95	1248.93	1705653.60	656819.65	40°17'54.6951"N	80°33'18.7968"W	point
Gerald Gourley BRK 6H wp2	5803.48	-11556.70	2281.14	1706685.81	652480.84	40°17'11.9418"N	80°33'4.8211"W	point
Gerald Gourley BRK 6H wp3	5831.01	-14371.03	3161.71	1707566.39	649666.48	40°16'44.2340"N	80°32'53.0358"W	point
Gerald Gourley BRK 6H BHL rev1	5892.00	-20212.53	6257.23	1710661.95	643824.91	40°15'46.8663"N	80°32'12.2301"W	point

WELLPATH COMPOSITION - Ref Wellbore: Gerald Gourley BRK 6H AWB Ref Wellpath: Gerald Gourley BRK 6H awp Proj: 28602'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
26.00	486.00	Gyrodatta 2015 - GC+WIR+DPIPE	1 Total MWD IFR Gyro 17.5" 100' - 486'	Gerald Gourley BRK 6H AWB	3/25/2025
486.00	1463.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	2 Total MWD IFR-MSA 12.25" 643' - 1463'	Gerald Gourley BRK 6H AWB	3/25/2025
1463.00	4687.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	3 Total MWD IFR-MSA 8.5' 1521' - 4687'	Gerald Gourley BRK 6H AWB	3/28/2025
4687.00	28602.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	4 BH MWD IFR-MSA 8.5" 4810' - 28577'	Gerald Gourley BRK 6H AWB	3/25/2025

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Well Name: Gerald Gourley 6H

47009003460000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)
Base of Fresh Water	0	0	474	474
Top of Salt Water	680	680	NA	NA
Pittsburgh Coal	119	119	125	125
Pottsville (ss)	243	243	318	318
Raven Cliff (ss)	687	687	985	984
Maxton (ss)	985	984	1136	1135
Big Injun (ss)	1299	1296	1430	1427
Berea (siltstone)	1700	1697	1733	1729
Rhinestreet (shale)	5535	5138	5788	5371
Cashaqua (shale)	5788	5371	5850	5423
Middlesex (shale)	5850	5423	5933	5484
Burket (shale)	5933	5484	5956	5500
Tully (ls)	5956	5500	6033	5551
Mahantango (shale)	6033	5551	6195	5632
Marcellus (shale)	6195	5632	NA	NA

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EXPAND ENERGY



Location: Brooke County, WV
Field: Brooke WV (NAD27 SP)
Facility: Gerald Gourley BRK Pad

Slot: 6H
Well: Gerald Gourley BRK 6H
Wellbore: Gerald Gourley BRK 6H AWB

Plot reference wellpath is Gerald Gourley BRK 6H awp Proj: 28602
True vertical depths are referenced to EDC 41 (KB)
Reference wellpath measured depths are referenced to EDC 41 (KB)
EDC 41 (KB) to Mean Sea Level: 1180.9 feet
Mean Sea Level to Ground level (At Slot: 6H): -1154.9 feet
Offset wellpath MDs are referenced to each path's default MD datum

Grid System: NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet
* = Wellpath was transformed from a different geodetic datum
North Reference: Grid north
Scale: True distance
Coordinates are in feet referenced to Slot
Depths are in feet
Created by: tranlam on 2025-04-03, Database: WA_MPL_EASTERNUS_Defn

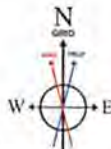
Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Gerald Gourley BRK Pad			1704398.860	664050.730	40°19'6.0007"N	80°33'36.0899"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
6H	-13.05	5.79	1704404.650	664037.680	40°19'5.8725"N	80°33'36.0131"W
EDC 41 (KB) to Ground level (At Slot: 6H)					26ft	
Mean Sea Level to Ground level (At Slot: 6H)					-1154.9ft	
EDC 41 (KB) to Mean Sea Level					1180.9ft	

Bottom Hole Location

MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
28602.00	90.100	162.170	5903.23	-20207.01	6270.41	1710675.13	643830.43	40°15'46.9224"N	80°32'12.0609"W

API: 47009003460000
BH JOB: 112636207
DURATION: 3/26/2025 - 4/1/2025
RIG: EDC 41

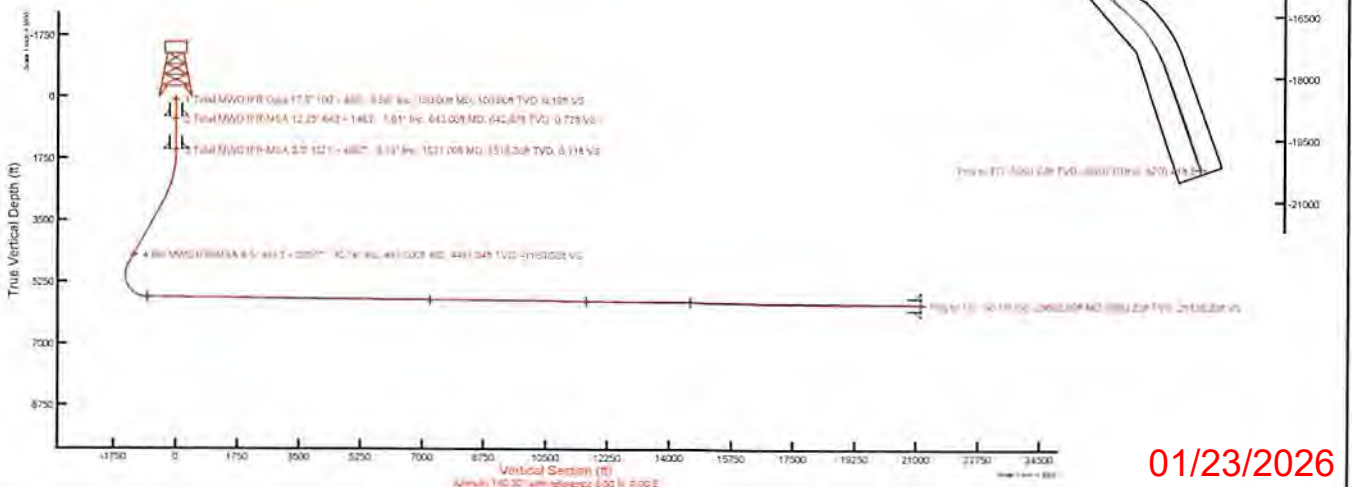


Used specified Dip: 68.88° Field: 51743.8° FT
Magnetic North is 8.69 degrees West of True North (at 3/22/2025)
Grid North is 0.08 degrees West of True North
To correct azimuth from True to Grid add 0.56 degrees
To correct azimuth from Magnetic to Grid subtract 8.21 degrees

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