

Received
Office of Oil & Gas
DEC 10 2014

Actual Wellpath Report

Statler 2H AWP Proj: 15871'

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29910-19

REFERENCE WELLPATH IDENTIFICATION

Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 4.0.1
North Reference	Grid	User	Frisjesl
Scale	0.999942	Report Generated	14/Nov/2013 at 10:27
Convergence at slot	0.43° West	Database/Source file	WA_EasternUS/Statler_2H_AWB_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-34.84	4.58	1777690.29	440605.81	39°42'27.770"N	80°10'41.628"W
Facility Reference Pt			1777685.71	440640.65	39°42'28.114"N	80°10'41.690"W
Field Reference Pt			600000.00	0.00	38°24'00.345"N	84°16'35.572"W

WELLPATH DATUM

Calculation method	Minimum curvature	Pioneer 59 (RT) to Facility Vertical Datum	1080.00ft
Horizontal Reference Pt	Slot	Pioneer 59 (RT) to Mean Sea Level	1080.00ft
Vertical Reference Pt	Pioneer 59 (RT)	Pioneer 59 (RT) to Mud Line at Slot (Slot #2)	1080.00ft
MD Reference Pt	Pioneer 59 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	141.67°

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Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

WELLPATH DATA (241 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	204.060	0.00	0.00	0.00	0.00	1777690.29	440605.81	39°42'27.770"N	80°10'41.628"W	0.00	0.000	0.00
19.00	0.000	204.060	19.00	0.00	0.00	0.00	1777690.29	440605.81	39°42'27.770"N	80°10'41.628"W	0.00	0.000	0.00
109.00	0.450	204.060	109.00	0.16	-0.32	-0.14	1777690.15	440605.49	39°42'27.767"N	80°10'41.630"W	0.35	204.060	0.50
209.00	0.110	209.230	209.00	0.38	-0.77	-0.35	1777689.94	440605.04	39°42'27.762"N	80°10'41.632"W	0.84	204.649	0.34
309.00	0.060	203.960	309.00	0.44	-0.90	-0.42	1777689.87	440604.91	39°42'27.761"N	80°10'41.633"W	0.99	205.056	0.05
409.00	0.050	124.780	409.00	0.51	-0.97	-0.40	1777689.89	440604.84	39°42'27.760"N	80°10'41.633"W	1.05	202.655	0.07
509.00	0.110	130.040	509.00	0.65	-1.06	-0.30	1777689.99	440604.75	39°42'27.760"N	80°10'41.632"W	1.10	195.622	0.06
609.00	0.120	144.790	609.00	0.84	-1.20	-0.16	1777690.13	440604.61	39°42'27.758"N	80°10'41.630"W	1.21	187.640	0.03
709.00	0.060	137.490	709.00	1.00	-1.33	-0.07	1777690.22	440604.48	39°42'27.757"N	80°10'41.629"W	1.33	182.832	0.06
809.00	0.070	134.450	809.00	1.11	-1.41	0.01	1777690.30	440604.40	39°42'27.756"N	80°10'41.628"W	1.41	179.458	0.01
909.00	0.050	133.630	909.00	1.22	-1.48	0.09	1777690.38	440604.33	39°42'27.755"N	80°10'41.627"W	1.48	176.582	0.02
1009.00	0.300	245.300	1009.00	1.20	-1.62	-0.12	1777690.17	440604.19	39°42'27.754"N	80°10'41.629"W	1.63	184.154	0.32
1109.00	0.100	241.310	1109.00	1.12	-1.77	-0.43	1777689.86	440604.04	39°42'27.752"N	80°10'41.633"W	1.82	193.701	0.20
1209.00	0.150	220.030	1209.00	1.13	-1.91	-0.59	1777689.70	440603.90	39°42'27.751"N	80°10'41.635"W	2.00	197.205	0.07
1309.00	0.140	213.260	1309.00	1.20	-2.12	-0.74	1777689.55	440603.69	39°42'27.749"N	80°10'41.637"W	2.24	199.365	0.02
1409.00	0.230	209.920	1408.99	1.31	-2.39	-0.91	1777689.38	440603.42	39°42'27.746"N	80°10'41.639"W	2.56	200.844	0.09
1509.00	0.270	216.210	1508.99	1.45	-2.76	-1.15	1777689.14	440603.05	39°42'27.743"N	80°10'41.642"W	2.99	202.649	0.05
1609.00	0.150	229.590	1608.99	1.52	-3.03	-1.39	1777688.90	440602.78	39°42'27.740"N	80°10'41.645"W	3.34	204.617	0.13
1709.00	0.160	230.100	1708.99	1.53	-3.21	-1.60	1777688.69	440602.60	39°42'27.738"N	80°10'41.648"W	3.58	206.462	0.01
1809.00	0.160	244.370	1808.99	1.50	-3.36	-1.83	1777688.46	440602.45	39°42'27.737"N	80°10'41.651"W	3.82	208.588	0.04
1909.00	0.040	265.470	1908.99	1.45	-3.42	-1.99	1777688.30	440602.39	39°42'27.736"N	80°10'41.653"W	3.96	210.194	0.12
2009.00	0.160	278.700	2008.99	1.33	-3.40	-2.16	1777688.13	440602.41	39°42'27.736"N	80°10'41.655"W	4.03	212.449	0.12
2109.00	0.070	252.670	2108.99	1.20	-3.40	-2.36	1777687.93	440602.41	39°42'27.736"N	80°10'41.658"W	4.14	214.766	0.10
2177.00	0.250	280.410	2176.99	1.08	-3.38	-2.54	1777687.75	440602.43	39°42'27.736"N	80°10'41.660"W	4.23	216.940	0.28
2298.00	0.740	113.030	2297.99	1.56	-3.64	-2.09	1777688.21	440602.17	39°42'27.734"N	80°10'41.654"W	4.20	209.791	0.81
2370.00	0.830	182.360	2369.98	2.37	-4.35	-1.68	1777688.61	440601.46	39°42'27.727"N	80°10'41.649"W	4.66	201.124	1.24
2438.00	1.230	205.660	2437.97	3.06	-5.49	-2.02	1777688.28	440600.32	39°42'27.716"N	80°10'41.653"W	5.85	200.138	0.84
2500.00	2.090	180.110	2499.95	4.24	-7.23	-2.31	1777687.98	440598.58	39°42'27.698"N	80°10'41.657"W	7.58	197.696	1.80
2564.00	3.160	173.970	2563.88	6.64	-10.15	-2.12	1777688.17	440595.66	39°42'27.670"N	80°10'41.654"W	10.37	191.814	1.73
2627.00	4.080	173.050	2626.75	10.02	-14.10	-1.67	1777688.62	440591.71	39°42'27.631"N	80°10'41.648"W	14.20	186.750	1.46
2690.00	5.380	178.260	2689.54	14.31	-19.28	-1.31	1777688.98	440586.54	39°42'27.579"N	80°10'41.643"W	19.32	183.881	2.17
2753.00	6.880	179.750	2752.18	19.65	-26.00	-1.20	1777689.09	440579.81	39°42'27.513"N	80°10'41.641"W	26.03	182.646	2.39

2816.00	7.490	180.820	2814.68	25.81	-33.88	-1.24	1777689.05	440571.93	39°42'27.435"N	80°10'41.641"W	33.90	182.103	0.99
2880.00	6.950	183.180	2878.17	31.94	-41.92	-1.52	1777688.77	440563.89	39°42'27.356"N	80°10'41.643"W	41.95	182.075	0.96
2942.00	6.110	180.150	2939.77	37.33	-48.96	-1.74	1777688.56	440556.85	39°42'27.286"N	80°10'41.645"W	48.99	182.030	1.46
3006.00	6.390	183.030	3003.39	42.67	-55.93	-1.93	1777688.36	440549.89	39°42'27.217"N	80°10'41.647"W	55.96	181.979	0.66
3069.00	6.030	189.890	3066.02	47.51	-62.69	-2.69	1777687.60	440543.13	39°42'27.150"N	80°10'41.656"W	62.74	182.454	1.31
3131.00	5.200	193.860	3127.72	51.40	-68.62	-3.92	1777686.37	440537.19	39°42'27.092"N	80°10'41.672"W	68.73	183.268	1.48
3194.00	4.490	197.900	3190.50	54.52	-73.74	-5.36	1777684.93	440532.07	39°42'27.041"N	80°10'41.689"W	73.94	184.158	1.25
3257.00	4.070	195.580	3253.32	57.21	-78.24	-6.72	1777683.57	440527.57	39°42'26.996"N	80°10'41.706"W	78.53	184.908	0.72
3320.00	3.590	201.320	3316.18	59.52	-82.23	-8.04	1777682.25	440523.58	39°42'26.957"N	80°10'41.723"W	82.62	185.582	0.97
3383.00	3.300	203.860	3379.07	61.37	-85.73	-9.49	1777680.80	440520.09	39°42'26.922"N	80°10'41.741"W	86.25	186.315	0.52
3447.00	2.340	202.610	3442.99	62.86	-88.62	-10.73	1777679.56	440517.20	39°42'26.893"N	80°10'41.757"W	89.27	186.907	1.50
3510.00	1.920	199.230	3505.95	64.05	-90.80	-11.58	1777678.71	440515.01	39°42'26.872"N	80°10'41.767"W	91.54	187.265	0.70
3573.00	1.730	205.200	3568.91	65.04	-92.66	-12.33	1777677.96	440513.16	39°42'26.853"N	80°10'41.777"W	93.48	187.579	0.43

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Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

WELLPATH DATA (241 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]
3636.00	1.710	214.420	3631.89	65.74	-94.29	-13.27	1777677.03	440511.52	39°42'26.837"N	80°10'41.789"W	95.22	188.008	0.44
3700.00	2.070	238.940	3695.85	65.88	-95.68	-14.80	1777675.50	440510.14	39°42'26.823"N	80°10'41.808"W	96.82	188.790	1.37
3763.00	2.250	239.580	3758.81	65.57	-96.89	-16.84	1777673.45	440508.92	39°42'26.811"N	80°10'41.834"W	98.34	189.857	0.29
3827.00	2.810	246.400	3822.74	64.99	-98.16	-19.36	1777670.93	440507.66	39°42'26.799"N	80°10'41.866"W	100.05	191.156	0.99
3889.00	2.900	247.850	3884.67	64.17	-99.36	-22.20	1777668.09	440506.46	39°42'26.786"N	80°10'41.902"W	101.81	192.597	0.19
3952.00	3.470	258.110	3947.57	62.88	-100.35	-25.54	1777664.75	440505.47	39°42'26.776"N	80°10'41.945"W	103.55	194.281	1.28
4016.00	3.190	256.810	4011.46	61.26	-101.16	-29.17	1777661.12	440504.66	39°42'26.768"N	80°10'41.991"W	105.28	196.088	0.45
4078.00	2.690	258.520	4073.38	59.87	-101.84	-32.28	1777658.01	440503.98	39°42'26.761"N	80°10'42.031"W	106.83	197.586	0.82
4140.00	2.870	261.870	4135.31	58.43	-102.35	-35.24	1777655.05	440503.47	39°42'26.756"N	80°10'42.069"W	108.24	199.000	0.39
4203.00	2.900	270.060	4198.23	56.65	-102.57	-38.40	1777651.90	440503.25	39°42'26.753"N	80°10'42.109"W	109.52	200.523	0.66
4265.00	2.600	276.370	4260.16	54.68	-102.41	-41.36	1777648.93	440503.40	39°42'26.755"N	80°10'42.147"W	110.45	201.993	0.69
4328.00	2.860	285.400	4323.09	52.41	-101.84	-44.30	1777646.00	440503.98	39°42'26.760"N	80°10'42.185"W	111.05	203.509	0.80
4390.00	2.560	284.670	4385.02	50.06	-101.07	-47.13	1777643.16	440504.74	39°42'26.768"N	80°10'42.221"W	111.52	204.998	0.49
4453.00	2.110	280.460	4447.96	48.06	-100.51	-49.63	1777640.66	440505.31	39°42'26.773"N	80°10'42.253"W	112.09	206.280	0.76
4516.00	1.840	275.560	4510.93	46.49	-100.20	-51.78	1777638.52	440505.62	39°42'26.776"N	80°10'42.281"W	112.79	207.327	0.51
4579.00	1.580	278.180	4573.90	45.16	-99.98	-53.64	1777636.65	440505.84	39°42'26.778"N	80°10'42.305"W	113.46	208.216	0.43
4642.00	1.260	272.940	4636.88	44.07	-99.82	-55.19	1777635.10	440506.00	39°42'26.779"N	80°10'42.325"W	114.06	208.941	0.55
4705.00	1.010	260.140	4699.87	43.35	-99.88	-56.43	1777633.86	440505.94	39°42'26.779"N	80°10'42.340"W	114.72	209.468	0.56
4768.00	1.020	254.130	4762.86	42.87	-100.13	-57.52	1777632.77	440505.69	39°42'26.776"N	80°10'42.354"W	115.47	209.876	0.17
4832.00	0.930	253.800	4826.85	42.46	-100.43	-58.57	1777631.73	440505.39	39°42'26.773"N	80°10'42.368"W	116.26	210.250	0.14
4894.00	0.740	257.110	4888.84	42.10	-100.66	-59.44	1777630.85	440505.16	39°42'26.771"N	80°10'42.379"W	116.90	210.563	0.32
4956.00	0.030	48.670	4950.84	41.92	-100.73	-59.82	1777630.48	440505.08	39°42'26.770"N	80°10'42.384"W	117.16	210.703	1.24
5019.00	0.170	319.810	5013.84	41.83	-100.65	-59.87	1777630.43	440505.16	39°42'26.771"N	80°10'42.384"W	117.11	210.743	0.27
5083.00	0.220	135.570	5077.84	41.86	-100.67	-59.84	1777630.45	440505.15	39°42'26.771"N	80°10'42.384"W	117.11	210.729	0.61
5147.00	0.410	123.390	5141.84	42.20	-100.88	-59.56	1777630.73	440504.93	39°42'26.769"N	80°10'42.380"W	117.15	210.559	0.31
5210.00	0.420	148.920	5204.84	42.64	-101.20	-59.26	1777631.04	440504.61	39°42'26.765"N	80°10'42.376"W	117.28	210.350	0.29
5274.00	0.260	161.910	5268.83	43.01	-101.54	-59.09	1777631.20	440504.27	39°42'26.762"N	80°10'42.374"W	117.48	210.196	0.28
5337.00	0.340	173.580	5331.83	43.30	-101.86	-59.03	1777631.27	440503.95	39°42'26.759"N	80°10'42.373"W	117.73	210.090	0.16
5400.00	0.300	135.460	5394.83	43.62	-102.17	-58.89	1777631.40	440503.65	39°42'26.756"N	80°10'42.372"W	117.92	209.959	0.34
5464.00	0.340	157.870	5458.83	43.97	-102.46	-58.70	1777631.59	440503.35	39°42'26.753"N	80°10'42.369"W	118.09	209.808	0.20
5527.00	0.370	148.210	5521.83	44.35	-102.81	-58.52	1777631.77	440503.01	39°42'26.750"N	80°10'42.367"W	118.30	209.650	0.11
5590.00	0.390	135.360	5584.83	44.77	-103.13	-58.26	1777632.03	440502.68	39°42'26.746"N	80°10'42.364"W	118.45	209.464	0.14

5654.00	0.480	126.320	5648.83	45.24	-103.45	-57.90	1777632.40	440502.37	39°42'26.743"N	80°10'42.359"W	118.55	209.234	0.18
5718.00	0.460	135.120	5712.83	45.76	-103.79	-57.50	1777632.80	440502.03	39°42'26.740"N	80°10'42.354"W	118.65	208.986	0.12
5781.00	0.240	137.650	5775.82	46.14	-104.07	-57.23	1777633.06	440501.75	39°42'26.737"N	80°10'42.350"W	118.76	208.809	0.35
5844.00	0.430	150.190	5838.82	46.51	-104.37	-57.02	1777633.27	440501.45	39°42'26.734"N	80°10'42.348"W	118.93	208.651	0.32
5937.00	0.440	114.040	5931.82	47.17	-104.82	-56.52	1777633.77	440501.00	39°42'26.730"N	80°10'42.341"W	119.09	208.337	0.29
5994.00	0.420	144.460	5988.82	47.57	-105.08	-56.20	1777634.09	440500.74	39°42'26.727"N	80°10'42.337"W	119.16	208.142	0.40
6026.00	2.260	264.230	6020.81	47.35	-105.23	-56.76	1777633.53	440500.58	39°42'26.726"N	80°10'42.344"W	119.57	208.342	7.80
6057.00	5.780	274.970	6051.73	45.95	-105.16	-58.93	1777631.37	440500.66	39°42'26.726"N	80°10'42.372"W	120.54	209.264	11.56
6120.00	11.600	275.230	6113.98	39.40	-104.31	-68.40	1777621.89	440501.51	39°42'26.734"N	80°10'42.493"W	124.74	213.256	9.24
6184.00	16.750	272.320	6176.01	28.95	-103.35	-84.04	1777606.26	440502.47	39°42'26.742"N	80°10'42.693"W	133.20	219.116	8.12
6247.00	20.850	271.610	6235.64	15.84	-102.66	-104.32	1777585.97	440503.15	39°42'26.748"N	80°10'42.953"W	146.37	225.459	6.52
6310.00	26.110	272.140	6293.40	-0.37	-101.83	-129.40	1777560.90	440503.98	39°42'26.754"N	80°10'43.274"W	164.66	231.799	8.36
6373.00	31.300	268.800	6348.64	-19.26	-101.66	-159.64	1777530.66	440504.16	39°42'26.753"N	80°10'43.661"W	189.26	237.511	8.62

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REFERENCE WELLPATH IDENTIFICATION

Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

WELLPATH DATA (241 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]
6435.00	35.120	265.070	6400.51	-38.81	-103.53	-193.52	1777496.78	440502.29	39°42'26.732"N	80°10'44.094"W	219.47	241.855	6.98
6497.00	38.900	265.300	6450.01	-59.42	-106.66	-230.71	1777459.60	440499.16	39°42'26.699"N	80°10'44.570"W	254.17	245.189	6.10
6560.00	39.570	265.730	6498.81	-81.61	-109.77	-270.43	1777419.87	440496.05	39°42'26.665"N	80°10'45.078"W	291.86	247.907	1.15
6623.00	39.740	268.400	6547.32	-104.89	-111.83	-310.58	1777379.73	440493.99	39°42'26.642"N	80°10'45.591"W	330.09	250.198	2.72
6686.00	39.600	269.300	6595.81	-129.20	-112.63	-350.78	1777339.53	440493.18	39°42'26.631"N	80°10'46.105"W	368.42	252.198	0.94
6750.00	39.780	267.950	6645.06	-153.77	-113.62	-391.64	1777298.67	440492.20	39°42'26.618"N	80°10'46.628"W	407.79	253.822	1.38
6813.00	39.630	265.830	6693.53	-176.98	-115.80	-431.82	1777258.49	440490.02	39°42'26.593"N	80°10'47.142"W	447.08	254.989	2.16
6877.00	39.830	265.360	6742.75	-199.81	-118.94	-472.61	1777217.71	440486.88	39°42'26.559"N	80°10'47.663"W	487.35	255.874	0.56
6940.00	39.710	267.650	6791.18	-222.82	-121.40	-512.83	1777177.49	440484.42	39°42'26.532"N	80°10'48.178"W	527.00	256.682	2.33
7001.00	39.640	270.110	6838.13	-246.37	-122.16	-551.76	1777138.56	440483.66	39°42'26.522"N	80°10'48.676"W	565.12	257.516	2.58
7065.00	39.610	272.020	6887.43	-272.27	-121.40	-592.57	1777097.76	440484.42	39°42'26.526"N	80°10'49.198"W	604.88	258.422	1.90
7128.00	39.550	270.840	6935.98	-297.94	-120.40	-632.69	1777057.63	440485.42	39°42'26.533"N	80°10'49.712"W	644.05	259.226	1.20
7191.00	39.630	269.620	6984.53	-322.97	-120.24	-672.84	1777017.49	440485.58	39°42'26.531"N	80°10'50.225"W	683.50	259.868	1.24
7255.00	39.760	268.640	7033.78	-347.83	-120.86	-713.71	1776976.62	440484.96	39°42'26.522"N	80°10'50.748"W	723.87	260.389	1.00
7318.00	39.800	268.030	7082.20	-371.90	-122.03	-754.00	1776936.33	440483.79	39°42'26.508"N	80°10'51.264"W	763.82	260.807	0.62
7380.00	36.490	264.800	7130.95	-393.75	-124.38	-792.21	1776898.13	440481.43	39°42'26.482"N	80°10'51.752"W	801.92	261.077	6.23
7443.00	34.300	263.340	7182.31	-413.31	-128.14	-828.50	1776861.84	440477.68	39°42'26.442"N	80°10'52.216"W	838.35	261.208	3.73
7506.00	32.360	249.970	7235.02	-427.94	-135.99	-862.02	1776828.32	440469.83	39°42'26.362"N	80°10'52.644"W	872.68	261.035	12.04
7568.00	30.740	232.640	7287.96	-433.43	-151.32	-890.27	1776800.08	440454.50	39°42'26.208"N	80°10'53.004"W	903.03	260.354	14.81
7631.00	31.080	223.230	7342.04	-431.32	-172.95	-914.22	1776776.13	440432.87	39°42'25.992"N	80°10'53.308"W	930.43	259.287	7.69
7695.00	33.670	221.880	7396.09	-425.87	-198.20	-937.38	1776752.97	440407.62	39°42'25.741"N	80°10'53.602"W	958.10	258.061	4.20
7758.00	34.730	207.760	7448.28	-415.61	-227.13	-957.43	1776732.92	440378.69	39°42'25.454"N	80°10'53.856"W	984.00	256.654	12.69
7821.00	35.380	194.080	7499.93	-397.19	-260.75	-970.24	1776720.10	440345.07	39°42'25.121"N	80°10'54.017"W	1004.67	254.957	12.49
7884.00	38.520	185.160	7550.31	-371.80	-298.02	-976.45	1776713.90	440307.81	39°42'24.752"N	80°10'54.093"W	1020.92	253.028	9.85
7947.00	41.410	177.100	7598.62	-340.57	-338.40	-977.16	1776713.19	440267.43	39°42'24.353"N	80°10'54.098"W	1034.10	250.898	9.40
8009.00	44.650	169.770	7643.97	-304.61	-380.36	-972.25	1776718.10	440225.48	39°42'23.938"N	80°10'54.031"W	1044.00	248.634	9.61
8072.00	49.550	164.570	7686.86	-262.96	-425.29	-961.93	1776728.42	440180.54	39°42'23.495"N	80°10'53.895"W	1051.75	246.149	9.85
8136.00	54.060	161.280	7726.43	-216.09	-473.34	-947.13	1776743.22	440132.50	39°42'23.021"N	80°10'53.700"W	1058.82	243.446	8.12
8198.00	57.920	158.950	7761.10	-167.34	-521.64	-929.63	1776760.72	440084.20	39°42'22.545"N	80°10'53.472"W	1065.99	240.702	6.96
8261.00	61.640	157.650	7792.81	-115.19	-572.21	-909.49	1776780.85	440033.63	39°42'22.047"N	80°10'53.209"W	1074.53	237.824	6.17
8324.00	66.250	154.990	7820.47	-60.45	-624.01	-886.75	1776803.59	439981.84	39°42'21.537"N	80°10'52.913"W	1084.30	234.866	8.24
8387.00	66.220	152.560	7845.87	-4.08	-675.73	-861.27	1776829.07	439930.12	39°42'21.028"N	80°10'52.582"W	1094.71	231.883	3.53

8451.00	67.550	150.850	7870.99	53.88	-727.55	-833.37	1776856.97	439878.30	39°42'20.518"N	80°10'52.220"W	1106.27	228.878	3.22
8515.00	73.610	148.320	7892.26	113.64	-779.56	-802.81	1776887.53	439826.29	39°42'20.006"N	80°10'51.824"W	1119.03	225.842	10.18
8578.00	77.220	146.680	7908.13	174.28	-830.97	-770.05	1776920.29	439774.89	39°42'19.500"N	80°10'51.400"W	1132.91	222.821	6.26
8641.00	83.990	145.660	7918.41	236.21	-882.57	-735.46	1776954.87	439723.29	39°42'18.993"N	80°10'50.953"W	1148.84	219.805	10.86
8704.00	91.910	145.450	7920.66	298.97	-934.45	-699.88	1776990.45	439671.42	39°42'18.483"N	80°10'50.492"W	1167.49	216.832	12.58
8767.00	92.120	141.490	7918.44	361.89	-985.03	-662.41	1777027.92	439620.84	39°42'17.986"N	80°10'50.008"W	1187.04	213.920	6.29
8829.00	91.350	140.470	7916.56	423.85	-1033.18	-623.39	1777066.93	439572.70	39°42'17.513"N	80°10'49.504"W	1206.68	211.106	2.06
8893.00	90.150	141.720	7915.73	487.84	-1082.97	-583.20	1777107.12	439522.90	39°42'17.024"N	80°10'48.985"W	1230.02	208.303	2.71
8955.00	90.250	142.540	7915.51	549.84	-1131.92	-545.15	1777145.18	439473.96	39°42'16.543"N	80°10'48.493"W	1256.35	205.716	1.33
9018.00	90.680	141.520	7915.00	612.84	-1181.58	-506.39	1777183.93	439424.30	39°42'16.055"N	80°10'47.993"W	1285.52	203.198	1.76
9081.00	93.450	142.430	7912.73	675.79	-1231.17	-467.61	1777222.71	439374.72	39°42'15.568"N	80°10'47.492"W	1316.98	200.797	4.63
9145.00	91.020	138.920	7910.23	739.71	-1280.63	-427.09	1777263.23	439325.26	39°42'15.082"N	80°10'46.969"W	1349.97	198.444	6.67
9207.00	90.150	137.030	7909.60	801.58	-1326.68	-385.59	1777304.73	439279.21	39°42'14.630"N	80°10'46.433"W	1381.58	196.206	3.36

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REFERENCE WELLPATH IDENTIFICATION

Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

WELLPATH DATA (241 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]
9270.00	90.120	139.530	7909.45	864.46	-1373.70	-343.66	1777346.65	439232.19	39°42'14.169"N	80°10'45.892"W	1416.03	194.046	3.97
9333.00	90.990	141.300	7908.84	927.44	-1422.25	-303.52	1777386.79	439183.65	39°42'13.692"N	80°10'45.374"W	1454.27	192.047	3.13
9395.00	90.460	142.100	7908.06	989.44	-1470.90	-265.10	1777425.21	439135.00	39°42'13.214"N	80°10'44.878"W	1494.60	190.217	1.55
9458.00	90.220	142.430	7907.68	1052.43	-1520.72	-226.54	1777463.76	439085.18	39°42'12.724"N	80°10'44.380"W	1537.50	188.473	0.65
9521.00	90.340	143.140	7907.37	1115.42	-1570.89	-188.44	1777501.86	439035.01	39°42'12.232"N	80°10'43.887"W	1582.15	186.840	1.14
9584.00	90.340	141.590	7907.00	1178.41	-1620.78	-149.97	1777540.33	438985.13	39°42'11.741"N	80°10'43.390"W	1627.70	185.287	2.46
9647.00	90.310	140.410	7906.64	1241.40	-1669.74	-110.33	1777579.97	438936.17	39°42'11.261"N	80°10'42.878"W	1673.38	183.780	1.87
9710.00	90.520	139.490	7906.19	1304.37	-1717.96	-69.79	1777620.50	438887.95	39°42'10.787"N	80°10'42.355"W	1719.38	182.326	1.50
9772.00	90.520	139.030	7905.62	1366.32	-1764.94	-29.33	1777660.96	438840.98	39°42'10.326"N	80°10'41.833"W	1765.18	180.952	0.74
9835.00	90.490	138.690	7905.07	1429.24	-1812.38	12.12	1777702.40	438793.54	39°42'09.860"N	80°10'41.298"W	1812.42	179.617	0.54
9899.00	90.250	138.180	7904.66	1493.13	-1860.26	54.58	1777744.86	438745.66	39°42'09.390"N	80°10'40.750"W	1861.06	178.320	0.88
9962.00	89.690	137.760	7904.69	1556.00	-1907.06	96.76	1777787.04	438698.87	39°42'08.931"N	80°10'40.206"W	1909.51	177.096	1.11
10024.00	89.380	138.150	7905.19	1617.87	-1953.10	138.28	1777828.56	438652.83	39°42'08.479"N	80°10'39.670"W	1957.99	175.950	0.80
10087.00	89.450	139.390	7905.83	1680.78	-2000.48	179.80	1777870.08	438605.45	39°42'08.014"N	80°10'39.134"W	2008.54	174.864	1.97
10151.00	89.380	141.250	7906.49	1744.76	-2049.73	220.66	1777910.93	438556.21	39°42'07.530"N	80°10'38.607"W	2061.57	173.856	2.91
10214.00	89.420	144.420	7907.15	1807.74	-2099.92	258.71	1777948.98	438506.01	39°42'07.037"N	80°10'38.115"W	2115.80	172.977	5.03
10278.00	89.630	144.180	7907.68	1871.67	-2151.89	296.05	1777986.33	438454.04	39°42'06.526"N	80°10'37.633"W	2172.16	172.167	0.50
10340.00	89.850	140.760	7907.96	1933.65	-2201.06	333.82	1778024.09	438404.89	39°42'06.043"N	80°10'37.145"W	2226.22	171.376	5.53
10404.00	89.350	139.400	7908.41	1997.62	-2250.14	374.88	1778065.15	438355.81	39°42'05.561"N	80°10'36.614"W	2281.15	170.541	2.26
10467.00	89.110	139.050	7909.25	2060.56	-2297.84	416.02	1778106.29	438308.11	39°42'05.092"N	80°10'36.084"W	2335.20	169.738	0.67
10529.00	89.230	140.590	7910.15	2122.52	-2345.20	456.02	1778146.28	438260.75	39°42'04.627"N	80°10'35.567"W	2389.13	168.996	2.49
10593.00	89.020	139.870	7911.13	2186.49	-2394.39	496.96	1778187.22	438211.56	39°42'04.144"N	80°10'35.039"W	2445.42	168.275	1.17
10656.00	87.750	140.300	7912.90	2249.44	-2442.69	537.36	1778227.62	438163.27	39°42'03.670"N	80°10'34.517"W	2501.10	167.593	2.13
10719.00	88.310	141.510	7915.07	2312.40	-2491.55	577.07	1778267.32	438114.41	39°42'03.190"N	80°10'34.005"W	2557.51	166.960	2.12
10783.00	86.980	144.420	7917.70	2376.32	-2542.59	615.58	1778305.83	438063.37	39°42'02.689"N	80°10'33.507"W	2616.05	166.390	5.00
10846.00	88.580	147.500	7920.14	2439.08	-2594.75	650.81	1778341.06	438011.21	39°42'02.176"N	80°10'33.051"W	2675.12	165.920	5.51
10908.00	88.180	146.520	7921.89	2500.79	-2646.73	684.56	1778374.81	437959.24	39°42'01.665"N	80°10'32.614"W	2733.83	165.499	1.71
10971.00	90.060	144.430	7922.86	2563.64	-2698.63	720.26	1778410.50	437907.35	39°42'01.154"N	80°10'32.153"W	2793.09	165.056	4.46
11035.00	90.520	143.720	7922.54	2627.58	-2750.45	757.80	1778448.05	437855.52	39°42'00.645"N	80°10'31.667"W	2852.94	164.596	1.32
11098.00	90.680	141.670	7921.88	2690.56	-2800.56	795.98	1778486.22	437805.42	39°42'00.153"N	80°10'31.174"W	2911.48	164.134	3.26
11162.00	91.720	141.130	7920.54	2754.55	-2850.56	835.90	1778526.14	437755.42	39°41'59.661"N	80°10'30.659"W	2970.60	163.657	1.83
11225.00	90.150	139.360	7919.51	2817.51	-2898.99	876.18	1778566.42	437707.00	39°41'59.186"N	80°10'30.139"W	3028.50	163.183	3.76

11289.00	90.120	138.760	7919.36	2881.45	-2947.33	918.12	1778608.35	437658.66	39°41'58.711"N	80°10'29.597"W	3087.02	162.698	0.94
11352.00	89.940	140.820	7919.33	2944.41	-2995.44	958.79	1778649.02	437610.55	39°41'58.239"N	80°10'29.073"W	3145.15	162.251	3.28
11416.00	88.950	141.250	7919.95	3008.40	-3045.20	999.03	1778689.26	437560.79	39°41'57.750"N	80°10'28.553"W	3204.89	161.837	1.69
11479.00	89.020	141.740	7921.06	3071.39	-3094.49	1038.25	1778728.48	437511.50	39°41'57.266"N	80°10'28.046"W	3264.02	161.453	0.79
11542.00	88.310	142.260	7922.53	3134.37	-3144.12	1077.02	1778767.25	437461.88	39°41'56.778"N	80°10'27.546"W	3323.48	161.091	1.40
11605.00	88.180	142.110	7924.46	3197.34	-3193.87	1115.63	1778805.86	437412.13	39°41'56.289"N	80°10'27.047"W	3383.11	160.745	0.31
11669.00	88.370	141.660	7926.39	3261.31	-3244.20	1155.12	1778845.34	437361.80	39°41'55.795"N	80°10'26.537"W	3443.71	160.401	0.76
11732.00	88.210	141.030	7928.27	3324.28	-3293.38	1194.45	1778884.67	437312.63	39°41'55.312"N	80°10'26.029"W	3503.29	160.065	1.03
11796.00	88.180	140.220	7930.28	3388.24	-3342.82	1235.03	1778925.25	437263.19	39°41'54.826"N	80°10'25.505"W	3563.67	159.723	1.27
11858.00	88.120	140.150	7932.28	3450.19	-3390.42	1274.71	1778964.92	437215.59	39°41'54.359"N	80°10'24.993"W	3622.13	159.395	0.15
11921.00	88.150	139.730	7934.33	3513.12	-3438.61	1315.24	1779005.45	437167.40	39°41'53.885"N	80°10'24.470"W	3681.56	159.069	0.67
11984.00	88.090	140.050	7936.40	3576.06	-3486.77	1355.80	1779046.01	437119.25	39°41'53.413"N	80°10'23.946"W	3741.09	158.752	0.52
12047.00	88.180	141.150	7938.45	3639.01	-3535.43	1395.77	1779085.97	437070.60	39°41'52.935"N	80°10'23.430"W	3800.98	158.456	1.75

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Actual Wellpath Report

Statler 2H AWP Proj: 15871'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

WELLPATH DATA (241 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]
12110.00	88.120	142.980	7940.48	3701.98	-3585.09	1434.48	1779124.68	437020.94	39°41'52.447"N	80°10'22.930"W	3861.42	158.193	2.90
12174.00	88.370	143.780	7942.44	3765.92	-3636.43	1472.63	1779162.84	436969.60	39°41'51.942"N	80°10'22.437"W	3923.30	157.954	1.31
12237.00	88.280	144.270	7944.29	3828.84	-3687.39	1509.63	1779199.83	436918.64	39°41'51.441"N	80°10'21.959"W	3984.45	157.736	0.79
12300.00	88.650	143.410	7945.97	3891.77	-3738.24	1546.79	1779236.98	436867.80	39°41'50.942"N	80°10'21.479"W	4045.61	157.521	1.49
12363.00	87.970	141.100	7947.83	3954.73	-3788.03	1585.33	1779275.53	436818.01	39°41'50.452"N	80°10'20.981"W	4106.39	157.290	3.82
12426.00	88.000	138.760	7950.05	4017.66	-3836.21	1625.86	1779316.05	436769.83	39°41'49.979"N	80°10'20.458"W	4166.52	157.032	3.71
12489.00	88.370	139.040	7952.04	4080.56	-3883.66	1667.25	1779357.44	436722.38	39°41'49.513"N	80°10'19.924"W	4226.41	156.766	0.74
12551.00	88.150	137.220	7953.93	4142.41	-3929.80	1708.61	1779398.80	436676.24	39°41'49.060"N	80°10'19.390"W	4285.17	156.501	2.96
12614.00	88.120	136.190	7955.98	4205.14	-3975.63	1751.79	1779441.98	436630.42	39°41'48.611"N	80°10'18.834"W	4344.47	156.220	1.63
12677.00	88.210	137.280	7957.99	4267.87	-4021.48	1794.95	1779485.13	436584.57	39°41'48.161"N	80°10'18.277"W	4403.88	155.947	1.74
12741.00	89.080	141.360	7959.51	4331.78	-4070.00	1836.64	1779526.82	436536.06	39°41'47.684"N	80°10'17.739"W	4465.21	155.712	6.52
12805.00	89.260	142.170	7960.43	4395.78	-4120.26	1876.25	1779566.43	436485.80	39°41'47.191"N	80°10'17.228"W	4527.35	155.517	1.30
12867.00	89.170	140.690	7961.28	4457.77	-4168.73	1914.90	1779605.07	436437.33	39°41'46.714"N	80°10'16.729"W	4587.50	155.328	2.39
12930.00	89.200	140.670	7962.18	4520.75	-4217.46	1954.81	1779644.99	436388.60	39°41'46.236"N	80°10'16.213"W	4648.47	155.132	0.06
12993.00	89.260	140.990	7963.03	4583.74	-4266.30	1994.60	1779684.77	436339.77	39°41'45.756"N	80°10'15.700"W	4709.54	154.943	0.52
13056.00	89.260	139.410	7963.84	4646.71	-4314.70	2034.93	1779725.09	436291.37	39°41'45.281"N	80°10'15.179"W	4770.49	154.750	2.51
13119.00	89.230	138.950	7964.67	4709.65	-4362.37	2076.10	1779766.27	436243.70	39°41'44.813"N	80°10'14.648"W	4831.20	154.550	0.73
13182.00	89.320	140.590	7965.47	4772.60	-4410.46	2116.79	1779806.95	436195.61	39°41'44.340"N	80°10'14.123"W	4892.13	154.361	2.61
13245.00	89.170	144.670	7966.30	4835.58	-4460.51	2155.02	1779845.18	436145.56	39°41'43.849"N	80°10'13.629"W	4953.81	154.213	6.48
13309.00	89.050	146.220	7967.29	4899.43	-4513.22	2191.31	1779881.47	436092.87	39°41'43.330"N	80°10'13.160"W	5017.07	154.102	2.43
13371.00	90.180	143.560	7967.71	4961.32	-4563.93	2226.96	1779917.12	436042.16	39°41'42.832"N	80°10'12.699"W	5078.27	153.990	4.66
13434.00	90.150	140.920	7967.53	5024.31	-4613.73	2265.54	1779955.69	435992.36	39°41'42.343"N	80°10'12.200"W	5139.96	153.847	4.19
13498.00	90.180	140.340	7967.34	5088.30	-4663.21	2306.14	1779996.29	435942.88	39°41'41.857"N	80°10'11.676"W	5202.28	153.686	0.91
13561.00	90.090	141.520	7967.20	5151.30	-4712.12	2345.84	1780035.99	435893.98	39°41'41.376"N	80°10'11.164"W	5263.75	153.534	1.88
13624.00	90.030	143.820	7967.13	5214.28	-4762.21	2384.04	1780074.19	435843.89	39°41'40.884"N	80°10'10.670"W	5325.63	153.407	3.65
13686.00	90.090	143.900	7967.06	5276.24	-4812.28	2420.61	1780110.75	435793.82	39°41'40.392"N	80°10'10.198"W	5386.78	153.297	0.16
13749.00	89.570	144.890	7967.25	5339.16	-4863.50	2457.29	1780147.43	435742.60	39°41'39.888"N	80°10'09.724"W	5449.03	153.195	1.78
13812.00	89.170	144.910	7967.94	5402.06	-4915.04	2493.51	1780183.65	435691.07	39°41'39.382"N	80°10'09.255"W	5511.37	153.100	0.64
13876.00	88.580	144.170	7969.20	5465.97	-4967.16	2530.63	1780220.77	435638.95	39°41'38.869"N	80°10'08.775"W	5574.65	153.002	1.48
13939.00	88.060	142.110	7971.05	5528.92	-5017.54	2568.40	1780258.54	435588.57	39°41'38.374"N	80°10'08.287"W	5636.70	152.893	3.37
14003.00	88.680	140.630	7972.87	5592.89	-5067.51	2608.34	1780298.47	435538.60	39°41'37.883"N	80°10'07.772"W	5699.40	152.764	2.51
14066.00	88.830	141.010	7974.24	5655.86	-5116.34	2648.13	1780338.26	435489.78	39°41'37.404"N	80°10'07.258"W	5761.03	152.635	0.65

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14129.00	88.850	141.910	7975.52	5718.85	-5165.60	2687.38	1780377.50	435440.52	39°41'36.920"N	80°10'06.751"W	5822.84	152.515	1.43
14191.00	88.800	142.020	7976.81	5780.84	-5214.43	2725.57	1780415.69	435391.70	39°41'36.440"N	80°10'06.258"W	5883.79	152.404	0.18
14254.00	88.800	141.930	7978.12	5843.82	-5264.04	2764.37	1780454.49	435342.08	39°41'35.953"N	80°10'05.757"W	5945.75	152.294	0.14
14318.00	88.800	140.850	7979.47	5907.81	-5314.04	2804.30	1780494.42	435292.09	39°41'35.461"N	80°10'05.242"W	6008.59	152.179	1.69
14381.00	89.260	139.920	7980.53	5970.78	-5362.57	2844.46	1780534.58	435243.57	39°41'34.985"N	80°10'04.723"W	6070.26	152.057	1.65
14444.00	89.630	141.370	7981.14	6033.77	-5411.28	2884.41	1780574.52	435194.86	39°41'34.506"N	80°10'04.208"W	6132.02	151.941	2.38
14507.00	89.780	143.430	7981.47	6096.76	-5461.19	2922.84	1780612.96	435144.95	39°41'34.016"N	80°10'03.711"W	6194.16	151.844	3.28
14570.00	89.600	145.180	7981.81	6159.69	-5512.35	2959.60	1780649.71	435093.79	39°41'33.513"N	80°10'03.236"W	6256.61	151.768	2.79
14634.00	89.570	144.180	7982.27	6223.60	-5564.57	2996.60	1780686.71	435041.58	39°41'33.000"N	80°10'02.758"W	6320.13	151.697	1.56
14696.00	89.690	140.870	7982.67	6285.58	-5613.76	3034.32	1780724.42	434992.38	39°41'32.516"N	80°10'02.271"W	6381.33	151.608	5.34
14759.00	90.090	138.030	7982.79	6348.52	-5661.63	3075.27	1780765.37	434944.52	39°41'32.046"N	80°10'01.742"W	6442.93	151.490	4.55
14822.00	90.220	136.460	7982.62	6411.33	-5707.89	3118.03	1780808.14	434898.27	39°41'31.592"N	80°10'01.191"W	6504.01	151.354	2.50
14886.00	90.280	135.930	7982.34	6475.04	-5754.07	3162.34	1780852.43	434852.08	39°41'31.139"N	80°10'00.620"W	6565.80	151.208	0.83

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01/16/2015

Actual Wellpath Report

Statler 2H AWP Proj: 15871'
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REFERENCE WELLPATH IDENTIFICATION

Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

WELLPATH DATA (241 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]
14950.00	90.340	138.530	7982.00	6538.84	-5801.05	3205.79	1780895.89	434805.11	39°41'30.678"N	80°10'00.059"W	6627.92	151.074	4.06
15013.00	90.280	142.540	7981.66	6601.82	-5849.68	3245.83	1780935.92	434756.49	39°41'30.200"N	80°09'59.543"W	6689.85	150.975	6.37
15076.00	90.280	143.310	7981.35	6664.80	-5899.94	3283.80	1780973.90	434706.22	39°41'29.706"N	80°09'59.052"W	6752.23	150.900	1.22
15139.00	91.140	142.800	7980.57	6727.78	-5950.29	3321.67	1781011.76	434655.88	39°41'29.212"N	80°09'58.563"W	6814.64	150.828	1.59
15202.00	91.350	142.020	7979.20	6790.76	-6000.19	3360.09	1781050.18	434605.98	39°41'28.721"N	80°09'58.067"W	6876.96	150.751	1.28
15329.00	91.570	140.730	7975.96	6917.71	-6099.38	3439.34	1781129.42	434506.80	39°41'27.747"N	80°09'57.044"W	7002.25	150.582	1.03
15392.00	91.600	139.320	7974.22	6980.66	-6147.64	3479.79	1781169.88	434458.54	39°41'27.273"N	80°09'56.522"W	7064.16	150.489	2.24
15456.00	91.480	139.300	7972.50	7044.58	-6196.15	3521.51	1781211.58	434410.03	39°41'26.796"N	80°09'55.983"W	7126.94	150.389	0.19
15519.00	91.720	140.170	7970.74	7107.52	-6244.20	3562.21	1781252.28	434361.98	39°41'26.325"N	80°09'55.458"W	7188.84	150.296	1.43
15581.00	92.580	140.200	7968.41	7169.46	-6291.79	3601.88	1781291.95	434314.40	39°41'25.857"N	80°09'54.946"W	7249.84	150.210	1.39
15644.00	92.520	144.130	7965.61	7232.38	-6341.49	3640.48	1781330.55	434264.70	39°41'25.369"N	80°09'54.448"W	7312.15	150.141	6.23
15707.00	92.800	146.660	7962.69	7295.17	-6393.28	3676.21	1781366.28	434212.91	39°41'24.860"N	80°09'53.986"W	7374.86	150.101	4.04
15771.00	92.930	147.330	7959.49	7358.82	-6446.89	3711.03	1781401.10	434159.31	39°41'24.332"N	80°09'53.535"W	7438.69	150.074	1.07
15834.00	93.420	148.470	7956.00	7421.35	-6500.17	3744.46	1781434.52	434106.03	39°41'23.808"N	80°09'53.103"W	7501.55	150.056	1.97
15847.00	93.570	148.450	7955.21	7434.23	-6511.23	3751.25	1781441.31	434094.97	39°41'23.699"N	80°09'53.015"W	7514.52	150.053	1.16
15871.00	93.570	148.450	7953.71	7458.02	-6531.64	3763.78	1781453.84	434074.56	39°41'23.499"N	80°09'52.853"W	7538.46	150.048	0.00

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Statler 2H BHL		7860.00	-6532.61	3763.26	1781453.33	434073.59	39°41'23.489"N	80°09'52.859"W	point
Statler 2H LP		7860.00	-922.23	-672.32	1777018.01	439683.63	39°42'18.606"N	80°10'50.141"W	point
Statler 2H BHL:Rev-1		7895.00	-6532.61	3763.26	1781453.33	434073.59	39°41'23.489"N	80°09'52.859"W	point
Statler 2H LP:Rev-1		7895.00	-922.23	-672.32	1777018.01	439683.63	39°42'18.606"N	80°10'50.141"W	point

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
19.00	2177.00	Generic gyro - northseeking (Standard)	VES Gyro (100'-2168')	Statler 2H (AWB)
2177.00	5844.00	ISCWSA MWD, Rev. 2 (Standard)	BHI APS 12 1/4"(2177') (2298'-5844')	Statler 2H (AWB)
5844.00	15847.00	NaviTrak (MagCorr)	BHI ATCurve 8 3/4" Section (5937'-15847')	Statler 2H (AWB)
15847.00	15871.00	Blind Drilling (std)	Projection to bit	Statler 2H (AWB)

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Received
Office of Oil & Gas

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Actual Wellpath Report

Statler 2H AWP Proj: 15871'

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REFERENCE WELLPATH IDENTIFICATION

Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot #2
Area	Monongalia County, WV	Well	Statler 2H
Field	Monongalia	Wellbore	Statler 2H (AWB)
Facility	Statler		

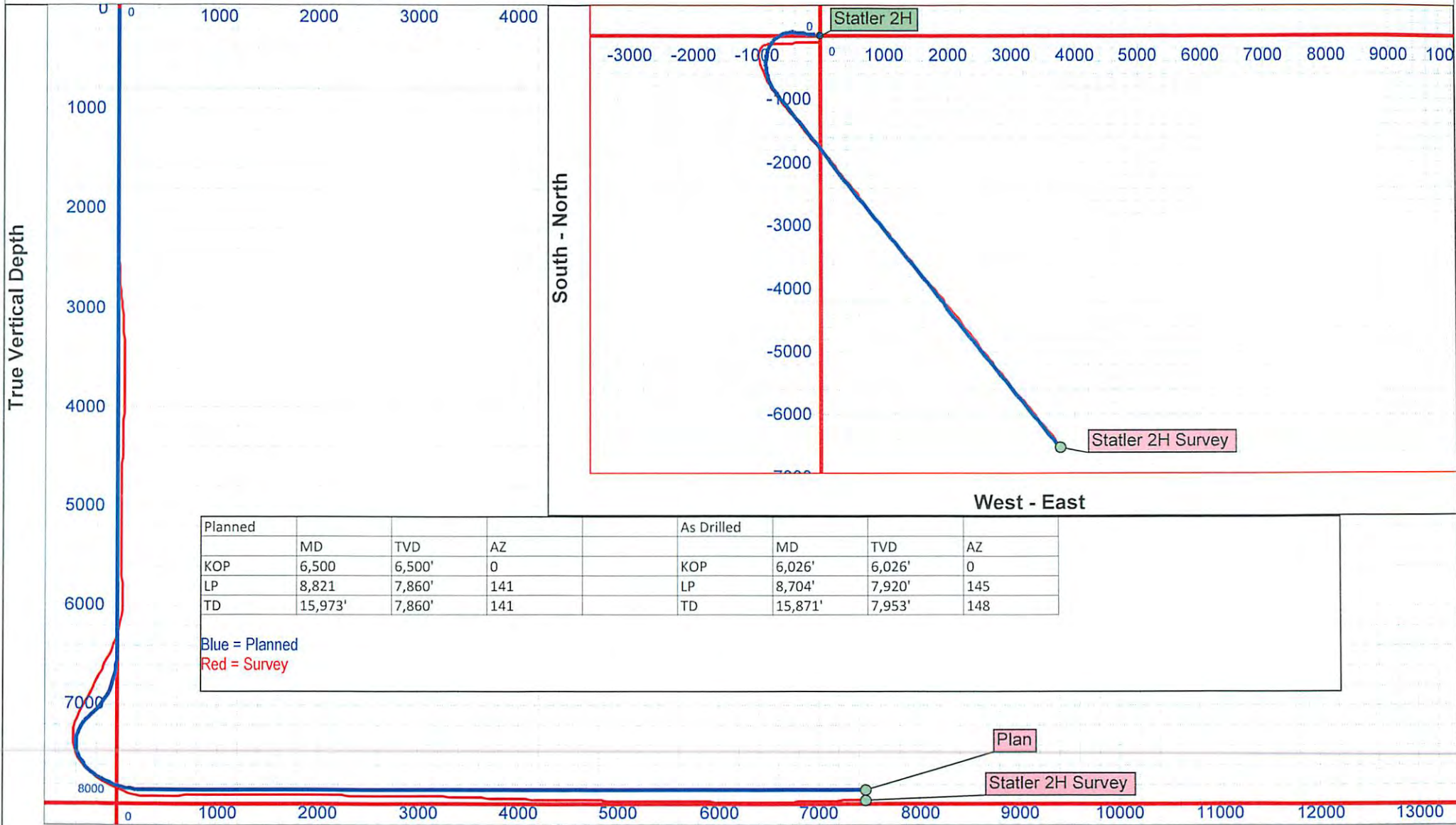
COMMENTS

Wellpath general comments
VES Gyros: (109'-2177')
BHI MWD Surveys: (2177')(2298'-15847')
TD Projected to MD: 15871'



Job Number: Statler
 Company: NNE
 Lease/Well: Statler 2H
 Location: Statler
 Rig Name: Pioneer 59
 State/County: WV/ Mon
 Country: US
 API Number:

Elevation (To MSL): 1160.00 ft
 RKB: 18.00 ft
 Projection System: US State Plane 1983
 Projection Group: West Virginia Northern Zone
 Projection Datum: GRS80
 Magnetic Declination: -8.90
 Grid Convergence: -0.43255 W
 Date: Tuesday, May 27, 2014



Vertical Section (1000 Ft/Div) VSP: 142.00°

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