

Actual Wellpath Report
 Wright 1H AWP Proj: 13677
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REFERENCE WELLPATH IDENTIFICATION

Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WV	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

REPORTS SETUP INFORMATION

Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 4.0.1
North Reference	Grid	User	Hareluk
Scale	0.999941	Report Generated	06 Nov 2014 at 11:26:51 AM
Convergence at slot	0.60° West	Database Source file	WellArchitectEasternDB\Wright_1H_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	46.00	1735594.27	397669.91	39°35'16.962"N	80°26'17.490"W
Facility Reference Pt			1735594.27	397669.91	39°35'16.962"N	80°26'17.490"W
Field Reference Pt			1738625.59	396770.37	39°35'08.182"N	80°25'38.652"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P (KB) to Facility Vertical Datum	1522.00ft
Horizontal Reference Pt	Slot	H&P (KB) to Mean Sea Level	1522.00ft
Vertical Reference Pt	H&P (KB)	H&P (KB) to Mud Line at Slot (Slot 01)	29.00ft
MD Reference Pt	H&P (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	350.00°

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REPORTING WELL PATH ARCHITECTURE

Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WV	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

WELLPATH DATA (167 stations)												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect			Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dir [ft]	DLS [1000]
				North [ft]	East [ft]	Vert Sect [ft]						
0.00	0.000	151.000	0.00	0.00	0.00	0.00	1735494.27	397669.91	39°35'16.962"N	80°26'17.496"W	0.00	0.00
20.00	0.000	151.000	20.00	0.00	0.00	0.00	1735494.27	397669.91	39°35'16.962"N	80°26'17.496"W	0.00	0.00
206.00	0.400	151.060	206.00	-0.46	-0.39	0.45	1735494.72	397669.52	39°35'16.948"N	80°26'17.484"W	0.60	131.000
296.00	0.500	151.250	296.00	-0.97	-0.80	1.02	1735495.29	397669.11	39°35'16.934"N	80°26'17.470"W	1.30	128.050
377.00	0.300	147.200	376.99	-1.43	-1.19	1.47	1735505.74	397668.72	39°35'16.950"N	80°26'17.471"W	1.89	126.943
470.00	0.400	152.200	469.99	-1.98	-1.72	1.85	1735505.91	397668.19	39°35'16.945"N	80°26'17.468"W	2.38	136.158
564.00	0.500	164.500	563.99	-2.55	-2.28	1.76	1735506.02	397667.65	39°35'16.939"N	80°26'17.467"W	2.88	142.341
658.00	0.400	144.400	657.99	-3.09	-2.78	2.91	1735506.28	397667.15	39°35'16.934"N	80°26'17.464"W	3.43	144.987
753.00	0.400	151.800	752.99	-3.76	-3.34	2.56	1735506.65	397666.57	39°35'16.929"N	80°26'17.458"W	4.10	144.755
859.00	0.600	124.700	858.98	-4.45	-3.99	3.00	1735507.26	397665.92	39°35'16.923"N	80°26'17.451"W	4.99	143.073
942.00	0.800	122.700	941.98	-5.14	-4.55	3.84	1735508.11	397665.36	39°35'16.917"N	80°26'17.440"W	5.95	139.810
1036.00	0.800	115.000	1035.97	-5.97	-5.18	4.99	1735509.25	397664.75	39°35'16.911"N	80°26'17.425"W	7.19	136.074
1130.00	0.900	125.100	1129.96	-6.86	-5.88	6.19	1735509.45	397664.05	39°35'16.904"N	80°26'17.410"W	8.55	133.546
1225.00	0.700	135.900	1224.95	-7.87	-6.73	7.20	1735509.47	397663.18	39°35'16.896"N	80°26'17.397"W	9.85	133.047
1278.00	0.860	144.280	1277.94	-8.50	-7.28	7.66	1735509.92	397662.63	39°35'16.891"N	80°26'17.391"W	10.57	133.555
1310.00	0.950	135.000	1309.94	-8.93	-7.66	7.99	1735509.25	397662.25	39°35'16.887"N	80°26'17.387"W	11.07	132.822
1357.00	2.000	109.510	1356.93	-9.65	-8.21	9.05	1735509.30	397661.70	39°35'16.882"N	80°26'17.373"W	12.21	132.265
1403.00	3.350	105.950	1402.93	-10.59	-8.80	11.09	1735509.35	397661.11	39°35'16.876"N	80°26'17.357"W	14.16	128.436
1497.00	5.250	94.740	1496.61	-12.76	-9.78	18.03	1735509.29	397660.15	39°35'16.867"N	80°26'17.358"W	20.51	118.485
1592.00	6.950	83.610	1591.06	-14.70	-9.97	28.11	1735509.37	397659.94	39°35'16.860"N	80°26'17.359"W	29.82	109.533
1686.00	7.350	86.300	1684.34	-16.21	-9.45	39.78	1735509.04	397659.46	39°35'16.852"N	80°26'16.980"W	46.88	103.350
1780.00	7.280	87.130	1777.57	-17.61	-8.76	51.71	1735505.97	397661.15	39°35'16.890"N	80°26'16.828"W	52.45	99.617
1875.00	7.490	86.110	1871.79	-19.01	-8.04	65.00	1735508.16	397661.87	39°35'16.890"N	80°26'16.672"W	64.40	97.171
1969.00	7.670	86.430	1964.96	-20.37	-7.23	76.27	1735507.55	397662.68	39°35'16.890"N	80°26'16.515"W	76.61	95.418
2063.00	7.950	86.380	2058.09	-22.07	-6.72	89.03	1735508.29	397663.19	39°35'16.905"N	80°26'16.352"W	89.29	94.314
2158.00	7.690	88.570	2152.21	-24.04	-6.45	101.95	1735506.21	397663.48	39°35'16.909"N	80°26'16.187"W	102.16	93.608
2297.00	6.820	90.920	2286.82	-25.08	-6.33	108.14	1735502.40	397663.52	39°35'16.910"N	80°26'16.108"W	108.55	93.584
2252.00	6.600	92.350	2245.51	-26.17	-6.54	115.40	1735507.66	397663.37	39°35'16.905"N	80°26'16.040"W	112.59	93.302
2346.00	5.190	101.870	2339.01	-28.87	-7.64	122.96	1735517.21	397662.37	39°35'16.896"N	80°26'15.918"W	123.19	93.555
2441.00	3.800	104.620	2433.72	-31.79	-9.32	130.21	1735524.47	397660.59	39°35'16.883"N	80°26'15.825"W	130.54	94.093

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Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

WELLPATH DATA (167 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closest Dist [ft]	Closest Dir [°]	DLS [ft/100ft]
2535.00	2.790	107.120	2527.58	-33.98	-10.68	135.05	1735729.35	397650.23	39°35'16.870"N	80°26'15.763"W	135.52	94.528	1.51
2670.00	1.400	86.850	2622.32	-35.22	-11.30	138.14	1735732.40	397638.51	39°35'16.863"N	80°26'15.724"W	138.01	94.719	1.10
2724.00	1.140	88.370	2716.50	-35.69	-11.32	140.21	1735734.47	397638.39	39°35'16.862"N	80°26'15.697"W	140.69	94.693	0.74
2819.00	1.010	68.520	2811.48	-35.66	-11.19	141.94	1735736.20	397638.72	39°35'16.866"N	80°26'15.675"W	142.38	94.566	0.42
2906.00	1.100	74.270	2906.47	-35.43	-10.62	143.46	1735737.71	397639.23	39°35'16.871"N	80°26'15.656"W	143.85	94.257	0.16
3070.00	0.740	55.470	3062.43	-34.83	-9.63	145.84	1735740.10	397640.26	39°35'16.881"N	80°26'15.626"W	146.16	93.786	0.28
3164.00	0.770	56.470	3156.44	-34.33	-8.96	146.87	1735741.13	397640.95	39°35'16.888"N	80°26'15.613"W	147.14	93.491	0.04
3259.00	0.560	77.010	3251.43	-34.05	-8.50	147.66	1735742.11	397641.41	39°35'16.893"N	80°26'15.600"W	148.10	93.292	0.33
3353.00	0.430	100.050	3343.43	-34.15	-8.46	148.65	1735742.91	397641.45	39°35'16.893"N	80°26'15.590"W	148.89	93.238	0.25
3448.00	0.340	56.080	3440.43	-34.15	-8.37	149.24	1735743.49	397641.54	39°35'16.894"N	80°26'15.582"W	149.47	93.209	0.32
3542.00	0.460	59.670	3534.43	-33.91	-8.02	149.79	1735744.65	397641.89	39°35'16.898"N	80°26'15.573"W	150.01	93.063	0.15
3636.00	0.510	36.500	3628.42	-33.49	-7.49	150.57	1735744.62	397642.42	39°35'16.903"N	80°26'15.569"W	150.55	92.853	0.21
3731.00	0.280	332.330	3723.42	-32.97	-6.92	150.59	1735744.84	397642.99	39°35'16.909"N	80°26'15.565"W	150.75	92.632	0.39
3825.00	0.540	11.170	3817.42	-32.33	-6.26	150.64	1735744.96	397643.65	39°35'16.915"N	80°26'15.563"W	150.77	92.380	0.51
3919.00	0.500	345.420	3911.41	-31.50	-5.43	150.62	1735744.88	397644.48	39°35'16.924"N	80°26'15.565"W	150.72	92.065	0.25
4014.00	0.620	348.350	4006.41	-30.98	-4.53	150.42	1735744.67	397645.38	39°35'16.933"N	80°26'15.568"W	150.48	91.723	0.15
4108.00	0.460	338.680	4100.41	-29.76	-3.68	150.18	1735744.43	397646.23	39°35'16.941"N	80°26'15.571"W	150.22	91.462	0.29
4202.00	0.320	29.150	4194.40	-29.12	-3.10	150.17	1735744.42	397646.82	39°35'16.947"N	80°26'15.571"W	150.20	91.181	0.38
4297.00	0.540	340.230	4289.40	-28.64	-2.60	150.20	1735744.46	397647.31	39°35'16.952"N	80°26'15.571"W	150.22	90.991	0.29
4391.00	0.300	318.710	4383.40	-28.16	-2.15	149.94	1735744.20	397647.76	39°35'16.956"N	80°26'15.574"W	149.96	90.822	0.13
4485.00	0.480	356.740	4477.40	-27.62	-1.64	149.76	1735744.02	397648.27	39°35'16.961"N	80°26'15.577"W	149.77	90.627	0.26
4579.00	2.110	217.630	4571.38	-26.55	-2.75	148.79	1735743.94	397648.76	39°35'16.968"N	80°26'15.580"W	148.81	91.060	2.60
4674.00	3.720	193.320	4666.26	-22.64	-7.21	147.11	1735741.36	397647.76	39°35'16.966"N	80°26'15.610"W	147.28	92.803	1.99
4768.00	3.900	199.920	4760.65	-18.21	-13.18	145.22	1735739.57	397646.73	39°35'16.946"N	80°26'15.632"W	145.91	95.182	0.50
4862.00	4.580	180.260	4853.80	-14.68	-19.94	144.21	1735738.47	397649.97	39°35'16.780"N	80°26'15.645"W	145.38	97.872	1.70
4956.00	4.540	160.920	4947.30	-12.04	-27.21	143.41	1735739.67	397647.76	39°35'16.708"N	80°26'15.629"W	147.93	100.598	1.63
5051.00	6.670	142.930	5042.05	-6.65	-35.14	140.00	1735744.25	397644.77	39°35'16.630"N	80°26'15.669"W	154.66	102.183	2.91
5145.00	8.720	146.610	5135.20	-72.34	-43.42	137.24	1735751.50	397624.45	39°35'16.529"N	80°26'15.475"W	163.67	100.113	2.26
5239.00	9.680	196.730	5228.01	-86.47	-49.05	133.03	1735757.39	397616.86	39°35'16.393"N	80°26'15.399"W	173.40	100.911	1.48
5335.00	9.000	165.010	5322.74	-102.00	-74.15	166.89	1735761.14	397595.77	39°35'16.246"N	80°26'15.343"W	182.62	113.956	0.74

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Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WA	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facilit	Wright Pad		

WELLPATH DATA (167 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TV D [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closest Dist [ft]	Closest Dir [°]	DLS [ft/100ft]
5429.06	6.010	154.066	5415.93	-114.06	-85.68	170.94	1735765.26	397584.24	39°34'16.133"N	80°26'15.295"W	191.21	116.621	3.51
5523.06	10.560	149.720	5498.55	-121.73	-97.41	177.36	1735771.62	397582.51	39°35'16.017"N	80°26'15.211"W	202.35	118.777	4.67
5618.06	16.350	150.266	5602.40	-142.77	-112.26	185.90	1735780.16	397587.72	39°37'15.822"N	80°26'15.160"W	217.13	121.112	6.02
5712.06	12.020	145.586	5604.62	-159.64	-127.61	195.61	1735789.87	397592.51	39°39'15.721"N	80°26'14.974"W	233.56	123.119	2.04
5806.00	17.040	142.510	5785.58	-180.79	-146.63	209.53	1735803.78	397525.29	39°35'15.514"N	80°26'14.794"W	255.74	124.985	5.40
5901.00	23.520	141.210	5874.71	-209.64	-172.36	229.80	1735824.05	397497.56	39°38'15.282"N	80°26'14.532"W	287.25	126.871	6.65
5995.00	24.650	140.320	5960.60	-242.97	-211.94	253.96	1735848.21	397467.98	39°39'14.992"N	80°26'14.219"W	324.46	128.490	1.48
6090.00	20.440	136.780	6048.35	-274.08	-229.27	277.07	1735872.32	397440.65	39°35'14.725"N	80°26'13.909"W	369.33	129.516	4.63
6184.00	18.860	143.940	6138.86	-301.45	-253.52	298.16	1735892.41	397416.40	39°35'14.487"N	80°26'13.648"W	391.37	130.374	3.06
6278.00	22.690	149.230	6224.74	-332.06	-281.40	316.39	1735910.63	397368.55	39°35'14.213"N	80°26'13.411"W	423.42	131.650	4.53
6373.00	24.470	147.060	6316.40	-376.08	-316.17	338.69	1735932.54	397355.76	39°35'15.872"N	80°26'13.129"W	462.96	133.981	6.16
6467.00	24.170	143.270	6394.64	-407.92	-349.42	361.80	1735956.04	397319.51	39°35'15.516"N	80°26'12.822"W	503.68	134.985	4.91
6561.00	25.780	149.770	6480.67	-442.61	-381.96	382.70	1735976.94	397287.97	39°35'15.236"N	80°26'12.551"W	546.70	134.945	2.94
6656.00	25.916	162.980	6567.08	-480.94	-418.13	398.28	1735992.52	397251.81	39°35'12.871"N	80°26'12.347"W	577.46	136.393	6.36
6751.00	24.710	163.340	6652.96	-521.26	-457.00	410.05	1736004.29	397212.94	39°35'12.448"N	80°26'12.192"W	613.99	138.099	1.27
6845.00	23.880	160.100	6738.64	-559.52	-493.72	422.14	1736016.38	397176.22	39°35'12.126"N	80°26'12.052"W	649.59	139.469	1.65
6940.00	20.730	158.470	6826.05	-594.62	-527.14	434.73	1736028.97	397142.80	39°35'11.797"N	80°26'11.867"W	685.28	140.488	5.83
7036.00	18.340	155.840	6916.82	-616.55	-547.87	445.47	1736037.71	397122.08	39°35'11.593"N	80°26'11.753"W	704.86	141.012	3.16
7102.00	18.300	151.840	6990.66	-644.91	-574.36	456.51	1736050.75	397095.58	39°35'11.333"N	80°26'11.583"W	723.69	141.523	1.36
7197.00	18.250	147.990	7070.27	-672.87	-600.13	471.44	1736063.67	397069.82	39°35'11.080"N	80°26'11.388"W	763.15	141.848	1.27
7293.00	15.590	142.180	7162.11	-698.22	-623.07	487.32	1736081.55	397046.88	39°35'10.854"N	80°26'11.183"W	791.01	141.976	3.28
7342.00	9.810	134.040	7269.40	-707.44	-631.78	494.36	1736098.66	397038.77	39°35'10.755"N	80°26'11.092"W	801.74	141.931	12.52
7387.00	3.940	119.270	7254.47	-712.62	-634.99	499.15	1736095.79	397034.96	39°35'10.758"N	80°26'11.030"W	801.69	141.830	9.64
7437.00	5.820	97.580	7308.70	-713.98	-636.35	502.75	1736096.99	397033.60	39°35'10.755"N	80°26'10.984"W	810.99	141.680	6.03
7484.00	2.830	56.230	7351.22	-713.99	-639.88	505.48	1736099.71	397034.07	39°35'10.730"N	80°26'10.940"W	812.31	141.518	4.95
7530.00	4.250	352.700	7397.15	-711.83	-635.55	506.21	1736106.44	397036.40	39°35'10.753"N	80°26'10.940"W	810.95	141.375	8.51
7580.00	7.480	335.680	7446.89	-708.82	-628.75	504.62	1736098.86	397041.20	39°35'10.860"N	80°26'10.961"W	806.21	141.256	7.26
7630.00	14.790	330.010	7496.25	-699.27	-621.73	506.94	1736095.18	397048.22	39°35'10.869"N	80°26'11.008"W	798.43	141.141	6.85
7674.00	13.160	336.790	7539.29	-696.52	-613.51	496.91	1736091.14	397056.39	39°35'10.949"N	80°26'11.067"W	789.54	140.997	6.25
7719.00	17.050	341.990	7582.73	-679.00	-602.57	492.85	1736087.06	397067.38	39°35'11.058"N	80°26'11.115"W	778.45	140.720	9.15

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Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WV	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

WELLPATH DATA (167 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TV D [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Close Dir [ft]	Close Dir [°]	DLA [1000']
7769.00	25.419	345.570	7629.66	-661.78	-454.92	488.09	1736082.55	397084.02	39°35'11.212"N	80°26'11.378"W	762.59	340.265	15.15
7815.00	25.608	357.050	7671.46	-642.76	-507.10	485.29	1736079.55	397102.84	39°35'11.407"N	80°26'11.216"W	746.46	329.445	14.30
7863.00	24.290	6.729	7715.02	-623.05	-546.96	485.91	1736080.14	397122.98	39°35'11.656"N	80°26'11.211"W	751.63	336.383	8.96
7908.00	28.560	16.980	7755.35	-604.59	-527.56	490.13	1736084.37	397142.44	39°35'11.799"N	80°26'11.192"W	726.06	337.103	13.99
7946.00	33.640	17.810	7787.87	-587.18	-508.78	496.01	1736090.25	397161.16	39°35'11.985"N	80°26'11.087"W	710.53	335.728	13.61
7982.00	38.240	13.790	7817.02	-568.15	-488.45	491.72	1736095.96	397181.49	39°35'12.186"N	80°26'11.017"W	700.22	334.232	14.55
8029.00	43.120	9.910	7857.45	-548.82	-471.23	505.30	1736099.54	397198.71	39°35'12.357"N	80°26'10.933"W	696.93	333.062	20.55
8044.00	44.140	6.530	7861.96	-528.06	-446.48	508.85	1736105.08	397223.46	39°35'12.627"N	80°26'10.951"W	676.96	331.263	15.91
8071.00	52.550	4.130	7879.19	-508.01	-425.79	519.76	1736105.06	397244.15	39°35'12.806"N	80°26'10.809"W	664.96	329.816	17.71
8106.00	58.430	1.890	7899.01	-479.92	-397.00	512.26	1736106.49	397272.93	39°35'13.091"N	80°26'10.894"W	648.09	327.776	17.61
8136.00	64.220	0.870	7915.46	-454.12	-370.70	512.81	1736107.05	397290.23	39°35'13.537"N	80°26'10.891"W	632.77	325.862	19.68
8185.00	72.630	258.510	7931.49	-409.22	-325.18	512.42	1736106.66	397344.75	39°35'13.801"N	80°26'10.902"W	606.89	322.399	17.60
8238.00	75.660	356.470	7944.89	-358.25	-273.81	516.10	1736104.39	397396.12	39°35'14.308"N	80°26'10.937"W	578.99	318.223	15.78
8270.00	82.680	354.740	7949.06	-326.77	-242.28	507.73	1736101.97	397427.64	39°35'14.620"N	80°26'10.975"W	562.58	315.510	16.84
8301.00	84.640	354.140	7952.42	-296.05	-211.62	504.75	1736098.98	397458.30	39°35'14.922"N	80°26'11.015"W	547.32	312.746	6.61
8333.00	85.340	355.260	7955.22	-264.24	-179.95	501.25	1736095.49	397489.99	39°35'15.235"N	80°26'11.064"W	532.57	309.747	5.51
8366.00	85.220	352.150	7957.93	-231.29	-147.31	497.07	1736091.31	397522.61	39°35'15.557"N	80°26'11.121"W	518.44	306.508	5.37
8398.00	85.070	352.000	7960.64	-199.53	-115.73	492.68	1736086.91	397554.18	39°35'15.869"N	80°26'11.182"W	506.09	303.219	6.66
8427.00	85.290	351.590	7963.08	-170.64	-87.13	488.55	1736082.79	397582.78	39°35'16.151"N	80°26'11.238"W	496.26	300.112	1.60
8461.00	87.080	351.470	7965.34	-136.73	-53.38	483.56	1736077.79	397616.34	39°35'16.482"N	80°26'11.306"W	486.52	96.323	5.28
8520.00	90.250	341.950	7966.71	-77.78	-4.78	475.04	1736069.28	397657.60	39°35'17.058"N	80°26'11.423"W	475.07	89.423	5.43
8610.00	91.980	352.530	7965.60	-18.14	99.47	462.89	1736056.13	397699.77	39°35'17.960"N	80°26'11.604"W	472.56	77.806	6.96
8710.00	91.620	352.130	7965.88	112.06	192.99	449.17	1736043.41	397802.89	39°35'18.915"N	80°26'11.779"W	488.87	66.749	6.22
8804.00	90.120	348.990	7962.94	206.64	285.79	433.75	1736027.99	397935.59	39°35'19.830"N	80°26'11.988"W	519.38	56.628	3.46
8899.00	89.570	346.010	7963.20	300.95	378.43	413.19	1736007.43	398048.32	39°35'20.744"N	80°26'12.263"W	560.30	47.514	3.19
8993.00	89.290	347.030	7964.14	394.76	469.84	391.28	1735985.52	398139.72	39°35'21.645"N	80°26'12.555"W	611.43	39.987	1.13
9087.00	90.850	349.850	7964.64	488.71	561.92	372.45	1735966.67	398231.79	39°35'22.553"N	80°26'12.808"W	674.13	33.536	3.42
9181.00	90.990	352.850	7962.54	582.66	654.82	358.28	1735952.62	398324.69	39°35'23.470"N	80°26'13.001"W	746.43	28.085	3.22
9276.00	89.910	355.980	7961.80	677.48	749.19	347.58	1735941.63	398419.65	39°35'24.462"N	80°26'13.143"W	825.81	24.876	1.63
9370.00	89.690	355.370	7962.13	771.17	842.78	338.66	1735932.90	398512.64	39°35'25.326"N	80°26'13.377"W	908.28	21.892	1.50

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Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WV	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

WELLPATH DATA (167 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [U.S. ft]	Grid North [U.S. ft]	Latitude	Longitude	Churn Dist [ft]	Churn Dir [°]	DLS [ft/100ft]
9464.00	90.280	346.170	7862.17	864.05	936.42	731.75	1734925.07	398666.58	39°55'36.251"N	80°26'13.378"W	992.54	19.505	1.04
9550.00	90.800	353.570	7861.25	959.33	1041.11	523.67	1734917.31	398760.96	39°55'27.185"N	80°26'13.561"W	1080.54	17.397	3.02
9635.00	90.710	346.180	7859.96	1055.28	1123.55	296.59	1734900.64	398767.30	39°55'28.897"N	80°26'13.726"W	1164.58	15.254	7.65
9747.00	90.520	343.490	7858.96	1146.89	1214.29	282.80	1735876.13	398864.12	39°55'28.891"N	80°26'14.051"W	1246.57	13.064	2.76
9842.00	90.310	346.780	7858.27	1241.54	1306.11	257.60	1735851.85	398975.94	39°55'29.836"N	80°26'14.374"W	1331.27	11.157	3.37
9936.00	90.430	343.530	7857.66	1335.32	1397.38	235.10	1735829.36	399097.20	39°55'30.796"N	80°26'14.673"W	1417.02	9.556	1.54
10031.00	90.340	348.950	7857.02	1430.20	1490.02	214.15	1735808.58	399159.84	39°55'31.705"N	80°26'14.953"W	1505.32	8.178	3.60
10125.00	90.090	347.210	7856.67	1524.14	1581.69	194.71	1735788.97	399251.86	39°55'32.616"N	80°26'15.214"W	1595.93	7.017	1.82
10219.00	90.220	345.490	7856.41	1617.95	1673.35	172.54	1735766.79	399343.14	39°55'33.516"N	80°26'15.509"W	1682.20	5.887	1.82
10314.00	90.220	346.350	7856.05	1712.70	1765.47	149.43	1735743.99	399435.28	39°55'34.425"N	80°26'15.816"W	1771.79	4.838	0.89
10407.00	90.220	346.510	7855.69	1805.65	1856.45	130.65	1735724.88	399526.33	39°55'35.323"N	80°26'16.069"W	1861.12	4.025	4.26
10492.00	90.370	342.180	7855.20	1898.62	1950.42	110.17	1735710.43	399620.21	39°55'36.249"N	80°26'16.266"W	1953.88	3.489	1.97
10596.00	90.090	349.180	7854.83	1994.60	2043.17	100.95	1735695.21	399712.95	39°55'37.164"N	80°26'16.473"W	2045.66	2.829	3.21
10690.00	90.220	351.990	7854.57	2088.58	2135.89	85.57	1735679.85	399805.67	39°55'38.079"N	80°26'16.682"W	2137.61	2.294	2.99
10785.00	90.280	354.540	7854.16	2183.42	2230.23	74.43	1735668.69	399900.00	39°55'39.010"N	80°26'16.836"W	2231.47	1.911	2.68
10879.00	89.660	347.910	7854.21	2276.94	2323.97	67.81	1735661.77	399995.75	39°55'39.936"N	80°26'16.957"W	2324.95	1.664	2.71
10973.00	90.340	356.660	7854.21	2370.77	2417.82	62.32	1735656.58	400087.58	39°55'40.863"N	80°26'17.016"W	2418.62	1.476	0.81
11067.00	90.340	356.650	7853.65	2463.45	2511.66	56.83	1735651.06	400181.42	39°55'41.790"N	80°26'17.099"W	2512.30	1.296	0.61
11162.00	90.250	344.850	7853.16	2558.54	2605.83	44.85	1735639.12	400275.58	39°55'42.719"N	80°26'17.204"W	2608.21	0.986	0.51
11257.00	90.310	340.310	7852.69	2652.93	2697.30	19.54	1735631.86	400367.04	39°55'43.620"N	80°26'17.600"W	2697.37	0.415	9.09
11351.00	90.250	339.690	7852.23	2745.48	2785.69	17.69	1735581.58	400455.34	39°55'44.490"N	80°26'18.023"W	2785.63	350.730	0.56
11445.00	89.910	341.510	7852.10	2838.19	2874.20	-44.07	1735550.20	400543.94	39°55'45.362"N	80°26'18.436"W	2874.54	359.122	1.76
11539.00	90.250	346.730	7851.97	2931.61	2964.45	-70.25	1735524.02	400634.18	39°55'46.251"N	80°26'18.783"W	2965.28	358.142	3.55
11634.00	89.820	350.800	7851.91	3026.56	3057.54	-89.08	1735505.10	400727.26	39°55'47.169"N	80°26'19.035"W	3058.84	358.351	4.75
11728.00	89.750	350.080	7852.27	3120.56	3150.23	-104.69	1735489.59	400819.95	39°55'48.084"N	80°26'19.247"W	3151.97	358.997	0.77
11822.00	90.710	356.660	7851.89	3214.54	3243.55	-115.54	1735478.73	400913.27	39°55'49.005"N	80°26'19.590"W	3245.61	357.969	7.07
11917.00	90.220	352.420	7851.12	3308.11	3338.51	-115.05	1735477.23	401008.22	39°55'49.943"N	80°26'19.435"W	3341.56	357.902	5.14
12011.00	90.460	350.940	7850.56	3406.87	3432.47	-118.31	1735475.96	401102.17	39°55'50.872"N	80°26'19.459"W	3434.51	358.926	4.88
12105.00	90.490	349.380	7849.78	3494.66	3525.72	-129.50	1735464.78	401195.43	39°55'51.792"N	80°26'19.614"W	3528.11	357.897	8.04
12200.00	90.400	350.020	7849.04	3589.65	3619.20	-146.48	1735447.79	401288.89	39°55'52.714"N	80°26'19.844"W	3622.16	357.682	0.68

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Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WV	Well	Wright IH
Field	Marion	Wellbore	Wright IH AWB
Facility	Wright Pad		

WELLPATH DATA (167 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 [ft/1000]
12284.00	99.480	350.930	7948.58	3685.65	5711.00	-162.02	1755452.29	491381.89	39°58'53.629"N	80°26'26.054"W	3715.44	357.501	0.99
12306.00	99.590	350.460	7948.01	3773.64	5804.67	-172.26	1755417.07	491474.35	39°58'54.544"N	80°26'26.261"W	3808.79	357.335	0.63
12483.00	99.950	348.450	7947.95	3872.63	5808.07	-164.51	1755399.77	491567.75	39°58'55.463"N	80°26'26.494"W	3902.92	357.147	2.01
12477.00	99.120	348.159	7947.81	3966.61	5980.20	-212.68	1755381.39	491659.97	39°58'56.375"N	80°26'26.739"W	3995.96	356.949	0.64
12671.00	89.970	348.310	7947.74	4060.59	4082.49	-231.05	1755363.23	491752.15	39°58'57.284"N	80°26'26.986"W	4089.02	356.761	0.91
12765.00	96.120	347.920	7947.66	4154.53	4174.47	-256.41	1755345.87	491844.15	39°58'58.191"N	80°26'27.245"W	4181.97	356.567	0.44
12839.00	89.030	348.270	7947.87	4248.48	4266.45	-269.80	1755328.48	491936.10	39°58'59.098"N	80°26'27.505"W	4274.97	356.382	0.64
12954.00	89.780	349.780	7948.36	4342.46	4359.71	-287.89	1755310.39	492029.35	39°59'00.018"N	80°26'27.769"W	4369.20	356.222	1.60
13049.00	89.570	350.560	7948.89	4438.46	4453.31	-304.11	1755290.18	492122.95	39°59'00.941"N	80°26'28.039"W	4463.68	356.097	0.85
13143.00	89.910	353.690	7949.32	4532.38	4546.41	-316.99	1755277.30	492216.04	39°59'01.860"N	80°26'28.316"W	4557.45	356.012	3.35
13237.00	89.740	352.500	7949.58	4626.25	4639.73	-324.29	1755266.09	492309.35	39°59'02.781"N	80°26'28.592"W	4651.33	355.935	1.27
13332.00	90.000	350.880	7949.76	4721.20	4733.73	-342.02	1755252.27	492403.35	39°59'03.708"N	80°26'28.867"W	4746.97	355.868	1.72
13426.00	89.750	349.260	7949.96	4815.20	4826.31	-358.23	1755236.06	492499.93	39°59'04.622"N	80°26'29.140"W	4839.59	355.788	1.74
13520.00	90.030	349.230	7950.14	4909.19	4918.66	-375.77	1755218.32	492588.27	39°59'05.532"N	80°26'29.416"W	4933.00	355.691	0.30
13615.00	89.690	350.020	7950.38	5004.19	5012.11	-392.88	1755201.41	492681.71	39°59'06.434"N	80°26'29.691"W	5027.48	355.518	0.91
13655.00	89.660	350.960	7950.59	5042.18	5049.59	-399.15	1755195.14	492779.19	39°59'06.834"N	80°26'29.965"W	5065.34	355.400	2.47
13677.00	89.660	350.960	7950.73	5086.18	5075.29	-402.92	1755191.37	492874.89	39°59'07.058"N	80°26'29.914"W	5089.26	355.459	0.90

HOLE & CASING SECTIONS - Ref Wellbore: Wright IH AWB Ref Wellpath: Wright IH AWP Proj: 13677

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]
15.375in Casing	29.99	1223.00	1204.00	29.96	1232.95	79.91	0.96	46.90	7.27

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REFERENCES TO OTHER DATA SYSTEMS

Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WV	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Wright HL A		1522.00	2496.66	141.13	1733735.39	493364.42	39°35'41.650"N	80°26'16.026"W	point
Wright HL A1		1522.00	2462.66	79.97	1733674.35	493311.82	39°35'42.290"N	80°26'16.810"W	point
Wright HL A2		1522.00	2647.30	76.16	1733676.42	493316.85	39°35'43.130"N	80°26'16.870"W	point
Wright HL A3		1522.00	2806.95	71.50	1733665.76	493370.69	39°35'44.650"N	80°26'16.950"W	point
Wright HL C		1522.00	4476.44	-1679.02	1733451.31	493140.98	39°36'01.030"N	80°26'31.870"W	point
Wright HL D		1522.00	5506.07	-68.61	1733525.66	493169.64	39°36'11.310"N	80°26'19.100"W	point
Wright 1H LP EDC Rev-1		7967.00	0.00	480.00	1736074.24	397669.61	39°35'17.617"N	80°26'11.347"W	point
Wright 1H PBHL Rev-1		7967.00	4071.76	-414.29	1733180.60	412741.56	39°36'07.041"N	80°26'23.459"W	point

WELLPATH COMPOSITION - Ref Wellbore: Wright 1H AWB Ref Wellpath: Wright 1H AWP Proj: 13677

Start MID [ft]	End MID [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
29.00	2906.00	15CWSA MWD Rev 2 (Standard)	01_APS EM 12.25in Section 2000-2000	Wright 1H AWB
2906.00	6940.00	NavTrak (Standard)	02_BH MWD Std R 75in Section 3070-4940	Wright 1H AWB
6940.00	7908.00	NavTrak (AT Curve Short Spaced)	03_BH AT Curve R 75in 7908-7908	Wright 1H AWB
7908.00	8238.00	NavTrak (Standard)	04_BH MWD R 75in 7940-8238	Wright 1H AWB
8238.00	13653.00	NavTrak (AT Curve Short Spaced)	05_BH AT Curve R 75in K270-13653	Wright 1H AWB
13653.00	13677.00	Band Drilling (std)	Projection to bit	Wright 1H AWB

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WRIGHT 1H AWP PROJECT INFORMATION			
Operator	TRANS ENERGY Inc.	Slot	Slot 01
Area	Marion County, WA	Well	Wright 1H
Field	Marion	Wellbore	Wright 1H AWB
Facility	Wright Pad		

COMMENTS

Wellpath general comments
 API 47-049-02281-0000
 BHI Job # 6721121
 Reg H&P 285
 Duration 11/01/2014-11/01/2014
 APS EM - 12-1/4" - (260' - 2906')
 BHI MWD - 8-3/4" - (3070' - 6940')
 BHI AT Curve <8-3/4"> (7008' - 7908')
 BHI MWD - 8-3/4" - (7946' - 8238')
 BHI AT Curve <8-3/4"> (8270' - 13653')
 Projected MD at TD 13677'

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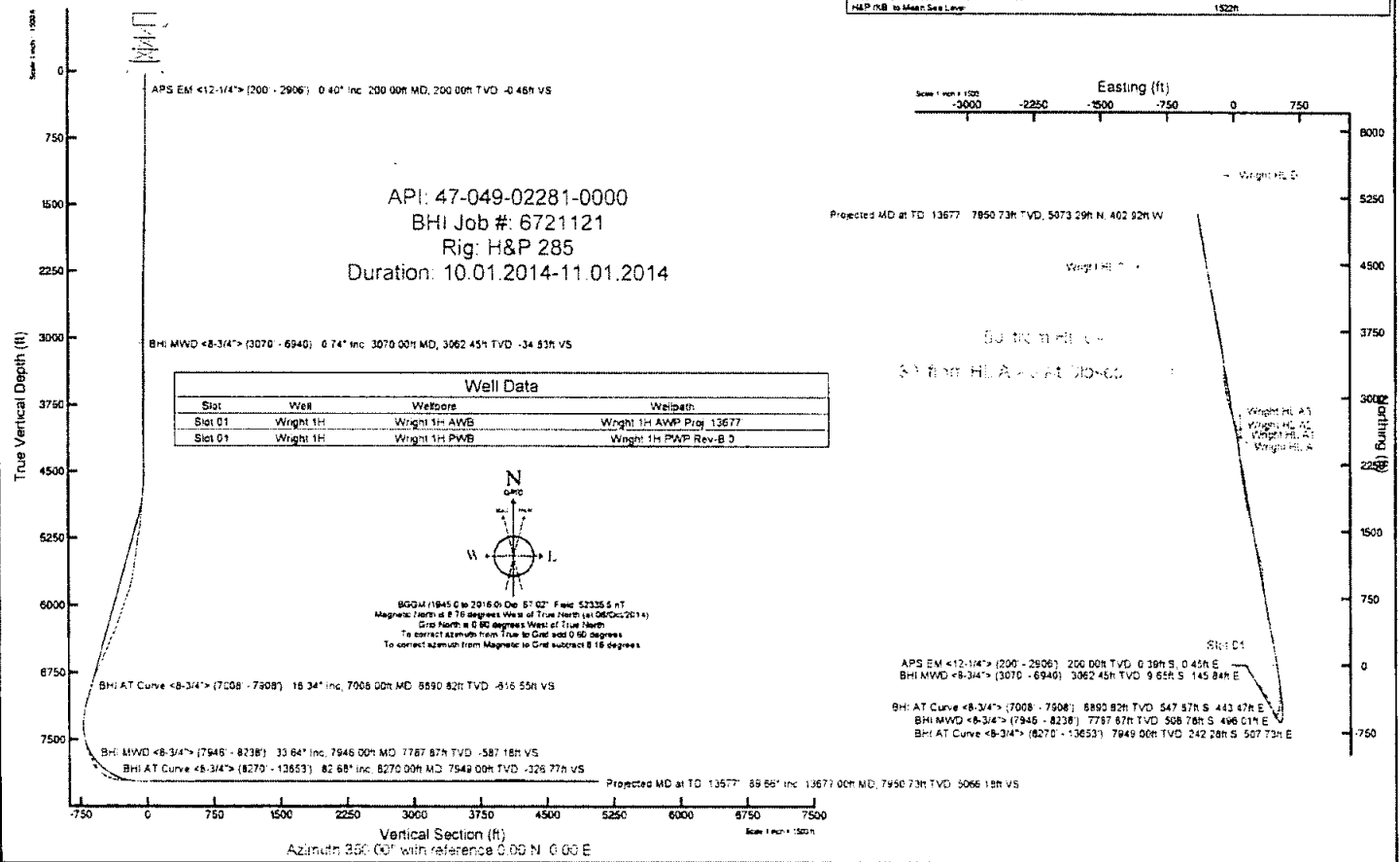
Location: Marion County, WV
 Field: Marion
 Facility: Wright Pad

Slot: Slot 01
 Well: Wright 1H
 Wellbore: Wright 1H PWB



Plot reference wellbore is Wright 1H Rev-B 0	Grid System: NAD83 (1983) West Virginia State Plane (NAD83) US Feet
True vertical depths are referenced to H&P (MS)	North Reference: Grid North
Measured depths are referenced to H&P (MS)	Scale: True distance
H&P (MS) to Mean Sea Level: 1522 feet	Deaths: see n. text
Mean Sea Level to Mudline At Slot Slot 01: -1493 feet	Created by: hughes on 06/24/2014
Coordinates are in feet referenced to Slot	

Well Name		Grid East (US Ft)		Grid North (US Ft)		Latitude	Longitude
Wright Pad		173594.270	397598.910	38°35'18.962"N	80°28'17.480"W		
Slot	Local E (ft)	Grid East (US Ft)	Grid North (US Ft)	Latitude	Longitude		
Slot 01	0.00	173594.266	397598.910	38°35'18.962"N	80°28'17.480"W		
H&P (MS) to Mudline At Slot Slot 01						291'	
Mean Sea Level to Mudline At Slot Slot 01						1450'	
H&P (MS) to Mean Sea Level						1522'	



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