

REFERENCE WELLPATH IDENTIFICATION

Operator	SOUTHWESTERN ENERGY	Slot	Slot 3H
Area	Ohio County, WV	Well	Dallas Hall OHI 3H
Field	Ohio	Wellbore	Dallas Hall OHI 3H AWB
Facility	Dallas Hall OHI Pad		

REPORT SETUP INFORMATION

Projection System	NAD83 / UTM Zone 17 North, US feet	Software System	WellArchitect® 5.1
North Reference	Grid	User	Atenjen
Scale	0.999613	Report Generated	02/Jan/2019 at 09:46
Convergence at slot	0.25° East	Database/Source file	WA_MPL_EASTERNUS_Defm/Dallas_Hall_OHI_3H_AWP_Proj_16239_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-6.87	18.77	1748620.58	14575532.57	40°08'00.107"N	80°36'46.347"W
Facility Reference Pt			1748601.82	14575539.43	40°08'00.176"N	80°36'46.588"W
Field Reference Pt			0.00	0.00	0°00'00.000"	85°29'19.478"W

WELLPATH DATUM

Calculation method	Minimum curvature	SDC 41 (KB) to Facility Vertical Datum	1300.00ft
Horizontal Reference Pt	Slot	SDC 41 (KB) to Mean Sea Level	1300.00ft
Vertical Reference Pt	SDC 41 (KB)	SDC 41 (KB) to Ground Level at Slot (Slot 3H)	26.00ft
MD Reference Pt	SDC 41 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	341.05°

Actual Wellpath Report

Dallas Hall OHI 3H AWP Proj: 16239'

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Field	Ohio
Facility	Dallas Hall OHI Pad
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WELLPATH DATA (193 stations) + = interpolated/extrapolated station															
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]
0.00	0.000	315.690	0.00	0.00	0.00	0.00	1748620.58	14575532.57	40°08'00.107"N	80°36'46.347"W	0.00	0.000	0.00	0.00	0.00
26.00	0.000	315.690	26.00	0.00	0.00	0.00	1748620.58	14575532.57	40°08'00.107"N	80°36'46.347"W	0.00	0.000	0.00	0.00	0.00
164.00	0.190	315.690	164.00	0.21	0.16	-0.16	1748620.42	14575532.73	40°08'00.109"N	80°36'46.349"W	0.23	315.690	0.14	0.14	-32.11
224.00	0.230	291.550	224.00	0.37	0.28	-0.34	1748620.24	14575532.84	40°08'00.110"N	80°36'46.351"W	0.44	309.277	0.16	0.07	-40.23
316.00	0.130	322.660	316.00	0.59	0.43	-0.58	1748620.00	14575533.00	40°08'00.112"N	80°36'46.354"W	0.72	306.721	0.15	-0.11	33.82
406.00	0.150	237.400	406.00	0.66	0.45	-0.74	1748619.84	14575533.01	40°08'00.112"N	80°36'46.356"W	0.86	301.255	0.16	0.11	-94.73
460.00	0.210	256.760	460.00	0.66	0.39	-0.89	1748619.69	14575532.95	40°08'00.111"N	80°36'46.358"W	0.97	293.415	0.16	0.11	35.85
557.00	0.460	186.430	557.00	0.32	-0.04	-1.11	1748619.47	14575532.52	40°08'00.107"N	80°36'46.361"W	1.11	267.899	0.45	0.26	-72.51
618.00	0.540	155.440	617.99	-0.19	-0.55	-1.02	1748619.56	14575532.02	40°08'00.102"N	80°36'46.360"W	1.15	241.816	0.46	0.13	-50.80
707.00	1.030	124.450	706.99	-1.24	-1.38	-0.18	1748620.40	14575531.19	40°08'00.094"N	80°36'46.349"W	1.39	187.600	0.71	0.55	-34.82
798.00	1.750	112.420	797.96	-2.82	-2.37	1.77	1748622.35	14575530.19	40°08'00.084"N	80°36'46.324"W	2.96	143.195	0.85	0.79	-13.22
889.00	1.260	106.400	888.93	-4.32	-3.18	4.02	1748624.60	14575529.38	40°08'00.076"N	80°36'46.295"W	5.13	128.391	0.57	-0.54	-6.62
980.00	0.770	98.120	979.91	-5.17	-3.55	5.58	1748626.16	14575529.01	40°08'00.072"N	80°36'46.275"W	6.62	122.469	0.56	-0.54	-9.10
1069.00	0.130	25.080	1068.91	-5.37	-3.55	6.22	1748626.80	14575529.02	40°08'00.072"N	80°36'46.267"W	7.16	119.694	0.83	-0.72	-82.07
1160.00	0.440	316.110	1159.91	-4.98	-3.20	6.02	1748626.60	14575529.37	40°08'00.075"N	80°36'46.269"W	6.82	117.999	0.45	0.34	-75.79
1251.00	0.620	316.500	1250.91	-4.22	-2.59	5.44	1748626.02	14575529.97	40°08'00.081"N	80°36'46.277"W	6.03	115.480	0.20	0.20	0.43
1344.00	0.610	310.820	1343.90	-3.33	-1.90	4.72	1748625.30	14575530.66	40°08'00.088"N	80°36'46.286"W	5.09	111.970	0.07	-0.01	-6.11
1436.00	0.560	306.880	1435.90	-2.54	-1.31	3.99	1748624.57	14575531.25	40°08'00.094"N	80°36'46.295"W	4.20	108.230	0.07	-0.05	-4.28
1529.00	0.540	209.090	1528.89	-2.45	-1.42	3.41	1748623.99	14575531.14	40°08'00.093"N	80°36'46.303"W	3.70	112.653	0.89	-0.02	-105.15
1621.00	1.480	196.940	1620.88	-3.71	-2.94	2.85	1748623.43	14575529.63	40°08'00.078"N	80°36'46.310"W	4.10	135.836	1.04	1.02	-13.21
1714.00	2.750	186.410	1713.81	-6.70	-6.31	2.26	1748622.84	14575526.26	40°08'00.045"N	80°36'46.318"W	6.70	160.316	1.42	1.37	-11.32
1807.00	3.390	188.660	1806.68	-11.15	-11.24	1.59	1748622.17	14575521.33	40°07'59.996"N	80°36'46.327"W	11.35	171.936	0.70	0.69	2.42
1866.00	3.950	173.870	1865.56	-14.68	-14.99	1.55	1748622.13	14575517.59	40°07'59.959"N	80°36'46.328"W	15.07	174.106	1.86	0.95	-25.07
1960.00	5.180	164.680	1959.26	-22.07	-22.30	3.01	1748623.59	14575510.28	40°07'59.887"N	80°36'46.309"W	22.50	172.302	1.52	1.31	-9.78
2006.00	5.140	164.560	2005.07	-26.20	-26.29	4.11	1748624.69	14575506.29	40°07'59.847"N	80°36'46.295"W	26.61	171.111	0.09	-0.09	-0.26
2099.00	5.180	161.150	2097.70	-34.55	-34.28	6.58	1748627.15	14575498.30	40°07'59.768"N	80°36'46.264"W	34.90	169.138	0.33	0.04	-3.67
2192.00	5.190	159.930	2190.32	-42.96	-42.20	9.38	1748629.95	14575490.38	40°07'59.690"N	80°36'46.228"W	43.23	167.473	0.12	0.01	-1.31
2285.00	5.050	173.270	2282.95	-51.16	-50.22	11.30	1748631.88	14575482.37	40°07'59.611"N	80°36'46.204"W	51.47	167.318	1.29	-0.15	14.34
2378.00	6.420	175.460	2375.48	-60.20	-59.46	12.19	1748632.77	14575473.12	40°07'59.519"N	80°36'46.193"W	60.70	168.414	1.49	1.47	2.35
2471.00	6.430	172.960	2467.90	-70.33	-69.82	13.24	1748633.82	14575462.78	40°07'59.417"N	80°36'46.180"W	71.06	169.261	0.30	0.01	-2.69

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WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
2563.00	6.340	171.700	2559.33	-80.36	-79.95	14.61	1748635.18	14575452.64	40°07'59.317"N	80°36'46.163"W	81.28	169.648	0.18	-0.10	-1.37
2656.00	6.640	170.670	2651.73	-90.71	-90.34	16.22	1748636.79	14575442.26	40°07'59.214"N	80°36'46.143"W	91.79	169.822	0.35	0.32	-1.11
2749.00	4.030	173.300	2744.32	-99.21	-98.89	17.47	1748638.05	14575433.71	40°07'59.129"N	80°36'46.127"W	100.43	169.981	2.82	-2.81	2.83
2842.00	1.010	193.010	2837.22	-103.10	-102.94	17.67	1748638.24	14575429.67	40°07'59.089"N	80°36'46.125"W	104.45	170.261	3.33	-3.25	21.19
2935.00	0.400	211.230	2930.21	-104.00	-104.02	17.32	1748637.89	14575428.59	40°07'59.079"N	80°36'46.130"W	105.45	170.549	0.69	-0.66	19.59
3027.00	0.460	197.360	3022.21	-104.50	-104.64	17.04	1748637.61	14575427.96	40°07'59.072"N	80°36'46.133"W	106.02	170.752	0.13	0.07	-15.08
3120.00	0.370	186.440	3115.21	-105.08	-105.30	16.89	1748637.47	14575427.31	40°07'59.066"N	80°36'46.135"W	106.64	170.885	0.13	-0.10	-11.74
3213.00	0.220	179.620	3208.21	-105.52	-105.77	16.86	1748637.44	14575426.83	40°07'59.061"N	80°36'46.136"W	107.11	170.943	0.17	-0.16	-7.33
3306.00	0.200	187.930	3301.21	-105.83	-106.11	16.84	1748637.41	14575426.49	40°07'59.058"N	80°36'46.136"W	107.44	170.982	0.04	-0.02	8.94
3398.00	0.070	184.850	3393.21	-106.03	-106.33	16.81	1748637.39	14575426.28	40°07'59.056"N	80°36'46.136"W	107.65	171.015	0.14	-0.14	-3.35
3491.00	0.060	174.600	3486.21	-106.12	-106.43	16.81	1748637.39	14575426.17	40°07'59.055"N	80°36'46.136"W	107.75	171.023	0.02	-0.01	-11.02
3584.00	0.070	23.940	3579.21	-106.13	-106.43	16.84	1748637.41	14575426.18	40°07'59.055"N	80°36'46.136"W	107.75	171.009	0.14	0.01	-162.00
3677.00	0.030	265.260	3672.21	-106.08	-106.38	16.84	1748637.41	14575426.23	40°07'59.055"N	80°36'46.136"W	107.71	171.005	0.10	-0.04	-127.61
3769.00	0.030	212.780	3764.21	-106.09	-106.40	16.80	1748637.38	14575426.20	40°07'59.055"N	80°36'46.136"W	107.72	171.026	0.03	0.00	-57.04
3862.00	0.090	53.020	3857.21	-106.08	-106.38	16.85	1748637.42	14575426.23	40°07'59.055"N	80°36'46.136"W	107.71	171.001	0.13	0.06	-171.78
3955.00	0.070	357.040	3950.21	-106.01	-106.28	16.90	1748637.48	14575426.33	40°07'59.056"N	80°36'46.135"W	107.61	170.963	0.08	-0.02	-60.19
4048.00	2.000	237.670	4043.19	-106.33	-107.09	15.53	1748636.10	14575425.52	40°07'59.048"N	80°36'46.153"W	108.21	171.749	2.19	2.08	-128.35
4140.00	4.490	222.510	4135.03	-108.42	-110.60	11.74	1748632.31	14575422.00	40°07'59.014"N	80°36'46.202"W	111.22	173.942	2.84	2.71	-16.48
4233.00	5.180	219.030	4227.70	-112.39	-116.55	6.63	1748627.21	14575416.06	40°07'58.955"N	80°36'46.268"W	116.74	176.742	0.81	0.74	-3.74
4326.00	5.160	217.030	4320.32	-116.95	-123.15	1.47	1748622.05	14575409.46	40°07'58.890"N	80°36'46.335"W	123.16	179.315	0.19	-0.02	-2.15
4419.00	5.090	214.900	4412.95	-121.72	-129.87	-3.41	1748617.17	14575402.74	40°07'58.824"N	80°36'46.398"W	129.92	181.503	0.22	-0.08	-2.29
4511.00	5.010	231.510	4504.60	-125.48	-135.72	-8.89	1748611.70	14575396.90	40°07'58.767"N	80°36'46.469"W	136.01	183.746	1.59	-0.09	18.05
4604.00	5.140	234.690	4597.24	-128.01	-140.65	-15.46	1748605.12	14575391.97	40°07'58.718"N	80°36'46.554"W	141.50	186.274	0.33	0.14	3.42
4696.00	4.980	232.420	4688.88	-130.44	-145.47	-21.99	1748598.60	14575387.15	40°07'58.671"N	80°36'46.638"W	147.12	188.597	0.28	-0.17	-2.47
4789.00	5.000	231.270	4781.52	-133.10	-150.47	-28.35	1748592.24	14575382.16	40°07'58.622"N	80°36'46.720"W	153.12	190.671	0.11	0.02	-1.24
4882.00	5.000	229.490	4874.17	-135.96	-155.64	-34.60	1748586.00	14575376.99	40°07'58.571"N	80°36'46.801"W	159.44	192.532	0.17	0.00	-1.91
4975.00	4.890	227.260	4966.82	-139.05	-160.96	-40.59	1748580.01	14575371.67	40°07'58.518"N	80°36'46.878"W	166.00	194.153	0.24	-0.12	-2.40
5067.00	5.820	233.740	5058.42	-142.02	-166.38	-47.23	1748573.37	14575366.25	40°07'58.465"N	80°36'46.964"W	172.95	195.847	1.20	1.01	7.04
5160.00	6.280	233.620	5150.90	-144.95	-172.19	-55.13	1748565.48	14575360.45	40°07'58.408"N	80°36'47.066"W	180.79	197.753	0.49	0.49	-0.13
5253.00	6.220	231.040	5243.35	-148.20	-178.37	-63.14	1748557.47	14575354.26	40°07'58.347"N	80°36'47.170"W	189.22	199.493	0.31	-0.06	-2.77

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Area	Wellbore	Dallas Hall OHI 3H AWB
Field		
Facility		

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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert.Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
5345.00	6.160	226.930	5334.82	-151.92	-184.87	-70.62	1748549.99	14575347.76	40°07'58.283"N	80°36'47.266"W	197.90	200.906	0.49	-0.07	-4.47
5392.00	7.170	249.300	5381.51	-153.04	-187.63	-75.21	1748545.40	14575345.00	40°07'58.256"N	80°36'47.325"W	202.15	201.842	5.88	2.15	47.60
5438.00	9.300	275.540	5427.04	-151.58	-188.29	-81.60	1748539.02	14575344.35	40°07'58.250"N	80°36'47.408"W	205.21	203.429	9.27	4.63	57.04
5485.00	12.000	295.000	5473.25	-146.62	-185.86	-89.81	1748530.81	14575346.78	40°07'58.275"N	80°36'47.513"W	206.42	205.790	9.49	5.74	41.40
5531.00	12.840	312.280	5518.18	-138.81	-180.40	-97.93	1748522.69	14575352.24	40°07'58.329"N	80°36'47.618"W	205.26	208.495	8.25	1.83	37.57
5577.00	16.080	321.060	5562.73	-128.34	-172.00	-105.71	1748514.91	14575360.63	40°07'58.412"N	80°36'47.717"W	201.89	211.576	8.49	7.04	19.09
5624.00	20.180	325.890	5607.39	-114.39	-160.22	-114.36	1748506.27	14575372.41	40°07'58.529"N	80°36'47.828"W	196.84	215.517	9.28	8.72	10.28
5670.00	24.140	329.860	5649.98	-97.50	-145.51	-123.53	1748497.10	14575387.11	40°07'58.675"N	80°36'47.945"W	190.87	220.330	9.20	8.61	8.63
5716.00	28.700	331.570	5691.17	-77.37	-127.65	-133.52	1748487.11	14575404.96	40°07'58.852"N	80°36'48.073"W	184.72	226.287	10.05	9.91	3.72
5763.00	31.640	333.130	5731.80	-54.02	-106.72	-144.47	1748476.17	14575425.88	40°07'59.059"N	80°36'48.213"W	179.61	233.545	6.47	6.26	3.32
5809.00	34.660	335.420	5770.31	-29.05	-84.06	-155.36	1748465.28	14575448.54	40°07'59.283"N	80°36'48.352"W	176.65	241.584	7.11	6.57	4.98
5856.00	37.600	337.100	5808.26	-1.44	-58.69	-166.50	1748454.14	14575473.89	40°07'59.534"N	80°36'48.494"W	176.55	250.582	6.60	6.26	3.57
5902.00	40.230	338.110	5844.05	27.41	-31.98	-177.51	1748443.14	14575500.60	40°07'59.799"N	80°36'48.634"W	180.36	259.788	5.88	5.72	2.20
5948.00	43.110	338.890	5878.41	57.95	-3.52	-188.71	1748431.95	14575529.04	40°08'00.081"N	80°36'48.776"W	188.74	268.930	6.36	6.26	1.70
5995.00	46.540	339.750	5911.74	91.07	27.47	-200.40	1748420.26	14575560.03	40°08'00.387"N	80°36'48.925"W	202.27	277.806	7.41	7.30	1.83
6041.00	49.810	340.630	5942.41	125.34	59.72	-212.01	1748408.65	14575592.26	40°08'00.707"N	80°36'49.073"W	220.26	285.731	7.25	7.11	1.91
6087.00	53.240	340.540	5971.03	161.34	93.68	-223.98	1748396.69	14575626.21	40°08'01.043"N	80°36'49.225"W	242.78	292.697	7.46	7.46	-0.20
6162.00	58.260	340.840	6013.23	223.31	152.17	-244.47	1748376.21	14575684.67	40°08'01.622"N	80°36'49.486"W	287.96	301.900	6.70	6.69	0.40
6209.00	56.700	341.590	6038.49	262.94	189.68	-257.23	1748363.45	14575722.18	40°08'01.993"N	80°36'49.648"W	319.61	306.405	3.58	-3.32	1.60
6255.00	60.000	342.190	6062.63	302.09	226.90	-269.40	1748351.29	14575759.38	40°08'02.361"N	80°36'49.802"W	352.22	310.106	7.26	7.17	1.30
6302.00	64.210	342.860	6084.61	343.61	266.51	-281.86	1748338.83	14575798.97	40°08'02.753"N	80°36'49.961"W	387.91	313.397	9.05	8.96	1.43
6348.00	68.080	342.880	6103.21	385.65	306.71	-294.25	1748326.44	14575839.16	40°08'03.151"N	80°36'50.118"W	425.04	316.187	8.41	8.41	0.04
6394.00	72.690	342.930	6118.65	428.94	348.11	-306.99	1748313.71	14575880.54	40°08'03.561"N	80°36'50.280"W	464.14	318.592	10.02	10.02	0.11
6439.00	78.440	342.970	6129.86	472.48	389.76	-319.76	1748300.95	14575922.17	40°08'03.973"N	80°36'50.442"W	504.14	320.635	12.78	12.78	0.09
6486.00	84.140	343.590	6136.98	518.88	434.24	-333.12	1748287.59	14575966.63	40°08'04.413"N	80°36'50.611"W	547.29	322.507	12.20	12.13	1.32
6532.00	89.910	343.680	6139.36	564.76	478.29	-346.05	1748274.66	14576010.67	40°08'04.849"N	80°36'50.775"W	590.36	324.114	12.54	12.54	0.20
6578.00	91.080	342.690	6138.97	610.72	522.33	-359.36	1748261.36	14576054.69	40°08'05.284"N	80°36'50.944"W	634.01	325.472	3.33	2.54	-2.15
6625.00	91.020	342.400	6138.10	657.70	567.15	-373.46	1748247.27	14576099.50	40°08'05.728"N	80°36'51.123"W	679.07	326.636	0.63	-0.13	-0.62
6718.00	91.290	343.060	6136.23	750.64	655.94	-401.06	1748219.68	14576188.25	40°08'06.607"N	80°36'51.474"W	768.84	328.557	0.77	0.29	0.71
6810.00	91.230	342.090	6134.21	842.58	743.70	-428.60	1748192.14	14576275.97	40°08'07.475"N	80°36'51.823"W	858.36	330.045	1.06	-0.07	-1.05



Actual Wellpath Report

Dallas Hall OHI 3H AWP Proj: 16239'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Slot	Slot 3H
SOUTHWESTERN ENERGY	Well	Dallas Hall OHI 3H
Ohio County, WV	Wellbore	Dallas Hall OHI 3H AWB
Ohio		
Dallas Hall OHI Pad		

WELLPATH DATA (193 stations)

MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]	[°]	[°]	[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]
6903.00	91.050	340.940	6132.36	935.56	831.88	-458.08	1748162.68	14576364.12	40°08'08.348"N	80°36'52.198"W	949.67	331.160	1.25	-0.19	-1.24
6996.00	90.830	340.250	6130.83	1028.54	919.59	-488.98	1748131.79	14576451.79	40°08'09.216"N	80°36'52.591"W	1041.51	331.999	0.78	-0.24	-0.74
7088.00	91.050	338.670	6129.32	1120.49	1005.72	-521.25	1748099.53	14576537.90	40°08'10.068"N	80°36'53.001"W	1132.78	332.603	1.73	0.24	-1.72
7181.00	90.740	337.460	6127.87	1213.35	1091.98	-555.99	1748064.81	14576624.12	40°08'10.922"N	80°36'53.444"W	1225.37	333.017	1.34	-0.33	-1.30
7274.00	90.800	337.130	6126.62	1306.14	1177.76	-591.88	1748028.93	14576709.87	40°08'11.771"N	80°36'53.901"W	1318.12	333.318	0.36	0.06	-0.35
7366.00	90.650	339.030	6125.45	1398.01	1263.10	-626.22	1747994.60	14576795.18	40°08'12.616"N	80°36'54.339"W	1409.81	333.629	2.07	-0.16	2.07
7459.00	90.830	337.920	6124.25	1490.91	1349.61	-660.34	1747960.50	14576881.65	40°08'13.472"N	80°36'54.773"W	1502.49	333.928	1.21	0.19	-1.19
7552.00	90.800	337.980	6122.93	1583.76	1435.80	-695.25	1747925.60	14576967.80	40°08'14.326"N	80°36'55.218"W	1595.27	334.163	0.07	-0.03	0.06
7645.00	90.800	338.340	6121.63	1676.63	1522.11	-729.84	1747891.02	14577054.09	40°08'15.180"N	80°36'55.658"W	1688.04	334.383	0.39	0.00	0.39
7737.00	90.710	342.100	6120.42	1768.60	1608.66	-760.97	1747859.91	14577140.60	40°08'16.037"N	80°36'56.054"W	1779.57	334.684	4.09	-0.10	4.09
7830.00	90.680	344.700	6119.32	1861.51	1697.77	-787.53	1747833.35	14577229.68	40°08'16.918"N	80°36'56.391"W	1871.53	335.115	2.80	-0.06	2.80
7922.00	90.650	345.710	6118.25	1953.26	1786.71	-811.02	1747809.87	14577318.58	40°08'17.798"N	80°36'56.689"W	1962.17	335.586	1.10	0.03	1.10
8014.00	90.650	348.360	6117.18	2044.74	1876.35	-831.66	1747789.24	14577408.19	40°08'18.685"N	80°36'56.950"W	2052.40	336.095	2.88	-0.03	2.88
8107.00	90.650	348.830	6116.13	2136.93	1967.51	-850.05	1747770.86	14577499.31	40°08'19.587"N	80°36'57.181"W	2143.29	336.634	0.51	0.00	0.51
8200.00	90.580	346.660	6115.13	2229.28	2058.38	-869.79	1747751.13	14577590.15	40°08'20.486"N	80°36'57.430"W	2234.61	337.093	2.33	-0.08	-2.33
8291.00	90.740	344.510	6114.08	2319.99	2146.51	-892.44	1747728.49	14577678.24	40°08'21.357"N	80°36'57.717"W	2324.64	337.424	2.37	0.18	-2.36
8383.00	90.550	344.240	6113.04	2411.83	2235.10	-917.22	1747703.72	14577766.80	40°08'22.234"N	80°36'58.031"W	2415.98	337.688	0.36	-0.21	-0.29
8475.00	90.710	342.180	6112.03	2503.75	2323.17	-943.79	1747677.16	14577854.83	40°08'23.105"N	80°36'58.368"W	2507.56	337.890	2.25	0.17	-2.24
8567.00	90.590	339.790	6110.99	2595.74	2410.14	-973.76	1747647.20	14577941.76	40°08'23.966"N	80°36'58.750"W	2599.42	338.000	2.60	-0.13	-2.60
8657.00	90.520	338.390	6110.12	2685.68	2494.20	-1005.88	1747615.09	14578025.80	40°08'24.798"N	80°36'59.158"W	2689.39	338.036	1.56	-0.08	-1.56
8749.00	90.460	336.920	6109.33	2777.51	2579.29	-1040.85	1747580.13	14578110.85	40°08'25.640"N	80°36'59.604"W	2781.39	338.024	1.60	-0.07	-1.60
8840.00	90.520	335.300	6108.55	2868.17	2662.49	-1077.71	1747543.29	14578194.02	40°08'26.464"N	80°37'00.074"W	2872.33	337.963	1.78	0.07	-1.78
8932.00	90.580	338.250	6107.67	2959.90	2747.02	-1113.98	1747507.03	14578278.52	40°08'27.301"N	80°37'00.536"W	2964.30	337.926	3.21	0.07	3.21
9023.00	90.580	342.520	6106.75	3050.87	2832.71	-1144.52	1747476.51	14578364.18	40°08'28.149"N	80°37'00.925"W	3055.19	338.000	4.69	0.00	4.69
9114.00	90.680	343.830	6105.74	3141.80	2919.81	-1170.86	1747450.18	14578451.24	40°08'29.011"N	80°37'01.259"W	3145.82	338.149	1.44	0.11	1.44
9204.00	90.620	344.320	6104.72	3231.66	3006.35	-1195.55	1747425.50	14578537.75	40°08'29.867"N	80°37'01.572"W	3235.35	338.314	0.55	-0.07	0.54
9296.00	90.650	344.020	6103.70	3323.52	3094.86	-1220.64	1747400.41	14578626.22	40°08'30.743"N	80°37'01.890"W	3326.88	338.475	0.33	0.03	-0.33
9387.00	90.550	343.430	6102.75	3414.42	3182.20	-1246.14	1747374.92	14578713.53	40°08'31.607"N	80°37'02.214"W	3417.50	338.615	0.66	-0.11	-0.65
9479.00	90.580	343.160	6101.84	3506.34	3270.32	-1272.59	1747348.49	14578801.61	40°08'32.479"N	80°37'02.550"W	3509.20	338.737	0.30	0.03	-0.29
9571.00	90.520	346.410	6100.96	3598.13	3359.08	-1296.73	1747324.36	14578890.34	40°08'33.357"N	80°37'02.855"W	3600.68	338.892	3.53	-0.07	3.53

Actual Wellpath Report

Dallas Hall OHI 3H AWP Proj: 16239'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Slot	Slot 3H
SOUTHWESTERN ENERGY	Well	Dallas Hall OHI 3H
Area	Wellbore	Dallas Hall OHI 3H AWB
Field		
Facility		

WELLPATH DATA (193 stations)

MD	Inclination	Azimuth	TVD	Vert Sect	North	East	Grid East	Grid North	Latitude	Longitude	Closure Dist	Closure Dir	DLS	Build Rate	Turn Rate
[ft]	[°]	[°]	[ft]	[ft]	[ft]	[ft]	[US ft]	[US ft]	[°]	[°]	[ft]	[°]	[°/100ft]	[°/100ft]	[°/100ft]
9662.00	90.580	348.980	6100.09	3688.51	3447.97	-1316.12	1747304.97	14578979.20	40°08'34.236"N	80°37'03.100"W	3690.62	339.108	2.82	0.07	2.82
9754.00	90.620	347.660	6099.12	3779.76	3538.06	-1334.74	1747286.36	14579069.25	40°08'35.128"N	80°37'03.335"W	3781.46	339.331	1.44	0.04	-1.43
9846.00	90.520	349.730	6098.21	3870.93	3628.27	-1352.78	1747268.33	14579159.42	40°08'36.020"N	80°37'03.562"W	3872.25	339.552	2.25	-0.11	2.25
9939.00	90.620	350.380	6097.28	3962.78	3719.87	-1368.84	1747252.28	14579250.99	40°08'36.926"N	80°37'03.764"W	3963.72	339.797	0.71	0.11	0.70
10032.00	90.620	348.730	6096.28	4054.75	3811.32	-1385.70	1747235.42	14579342.40	40°08'37.830"N	80°37'03.976"W	4055.40	340.020	1.77	0.00	-1.77
10124.00	90.550	344.820	6095.34	4146.27	3900.85	-1406.74	1747214.39	14579431.90	40°08'38.716"N	80°37'04.242"W	4146.75	340.170	4.25	-0.08	-4.25
10216.00	91.110	340.430	6094.00	4238.20	3988.63	-1434.20	1747186.94	14579519.64	40°08'39.584"N	80°37'04.591"W	4238.64	340.223	4.81	0.61	-4.77
10309.00	90.650	339.170	6092.58	4331.16	4075.89	-1466.31	1747154.84	14579606.87	40°08'40.448"N	80°37'04.999"W	4331.62	340.214	1.44	-0.49	-1.35
10402.00	90.460	339.250	6091.67	4424.11	4162.83	-1499.32	1747121.85	14579693.78	40°08'41.308"N	80°37'05.420"W	4424.61	340.193	0.22	-0.20	0.09
10494.00	90.550	339.940	6090.86	4516.08	4249.06	-1531.39	1747089.78	14579779.97	40°08'42.162"N	80°37'05.828"W	4516.60	340.180	0.76	0.10	0.75
10587.00	90.370	341.690	6089.12	4609.07	4336.89	-1561.95	1747059.24	14579867.76	40°08'43.031"N	80°37'06.216"W	4609.58	340.193	1.89	-0.19	1.88
10678.00	90.550	342.550	6088.39	4700.05	4423.49	-1589.89	1747031.31	14579954.33	40°08'43.888"N	80°37'06.571"W	4700.53	340.231	0.97	0.20	0.95
10770.00	90.800	340.110	6088.30	4792.04	4510.63	-1619.34	1747001.87	14580041.44	40°08'44.751"N	80°37'06.946"W	4792.50	340.252	2.67	0.27	-2.65
10862.00	89.910	335.680	6087.73	4883.87	4595.85	-1653.95	1746967.28	14580126.63	40°08'45.594"N	80°37'07.387"W	4884.40	340.207	4.91	-0.97	-4.82
10954.00	90.460	335.540	6087.43	4975.46	4679.63	-1691.94	1746929.30	14580210.38	40°08'46.424"N	80°37'07.871"W	4976.11	340.122	0.62	0.60	-0.15
11047.00	90.460	339.760	6086.69	5068.27	4765.63	-1727.29	1746893.96	14580296.34	40°08'47.275"N	80°37'08.322"W	5069.00	340.077	4.54	0.00	4.54
11138.00	90.430	341.800	6085.98	5159.26	4851.55	-1757.25	1746864.02	14580382.23	40°08'48.125"N	80°37'08.703"W	5159.98	340.089	2.24	-0.03	2.24
11230.00	90.340	340.500	6085.36	5251.26	4938.61	-1786.97	1746834.30	14580469.26	40°08'48.987"N	80°37'09.081"W	5251.96	340.108	1.42	-0.10	-1.41
11323.00	90.310	342.160	6084.84	5344.25	5026.71	-1816.74	1746804.55	14580557.32	40°08'49.859"N	80°37'09.459"W	5344.94	340.129	1.79	-0.03	1.78
11416.00	90.400	342.510	6084.26	5437.23	5115.32	-1844.96	1746776.34	14580645.90	40°08'50.736"N	80°37'09.818"W	5437.87	340.167	0.39	0.10	0.38
11509.00	90.280	344.960	6083.71	5530.11	5204.59	-1871.00	1746750.30	14580735.14	40°08'51.619"N	80°37'10.148"W	5530.68	340.227	2.64	-0.13	2.63
11601.00	90.490	345.420	6083.09	5621.87	5293.53	-1894.52	1746726.80	14580824.04	40°08'52.499"N	80°37'10.446"W	5622.34	340.308	0.55	0.23	0.50
11694.00	90.490	344.060	6082.29	5714.67	5383.25	-1919.00	1746702.33	14580913.72	40°08'53.386"N	80°37'10.756"W	5715.06	340.380	1.46	0.00	-1.46
11787.00	90.400	343.100	6081.57	5807.58	5472.45	-1945.28	1746676.05	14581002.89	40°08'54.269"N	80°37'11.090"W	5807.92	340.431	1.04	-0.10	-1.03
11879.00	90.460	343.970	6080.88	5899.49	5560.68	-1971.36	1746649.99	14581091.08	40°08'55.142"N	80°37'11.421"W	5899.78	340.480	0.95	0.07	0.95
11972.00	90.460	343.810	6080.13	5992.37	5650.02	-1997.16	1746624.19	14581180.39	40°08'56.026"N	80°37'11.748"W	5992.61	340.533	0.17	0.00	-0.17
12065.00	90.460	341.690	6079.39	6085.32	5738.83	-2024.74	1746596.63	14581269.17	40°08'56.905"N	80°37'12.099"W	6085.54	340.566	2.28	0.00	-2.28
12158.00	90.340	340.600	6078.74	6178.32	5826.84	-2054.79	1746566.58	14581357.14	40°08'57.776"N	80°37'12.481"W	6178.53	340.575	1.18	-0.13	-1.17
12250.00	90.490	341.710	6078.07	6270.31	5913.90	-2084.51	1746536.88	14581444.17	40°08'58.637"N	80°37'12.859"W	6270.52	340.584	1.22	0.16	1.21
12343.00	90.310	339.970	6077.42	6363.31	6001.74	-2115.03	1746506.37	14581531.98	40°08'59.507"N	80°37'13.247"W	6363.51	340.587	1.88	-0.19	-1.87

REFERENCE WELLPATH IDENTIFICATION

Operator	Slot	Slot 3H
SOUTHWESTERN ENERGY	Well	Dallas Hall OHI 3H
Area	Wellbore	Dallas Hall OHI 3H AWB
Field		
Facility		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
12436.00	90.400	340.420	6076.85	6456.29	6089.24	-2146.54	1746474.87	14581619.44	40°09'00.373"N	80°37'13.648"W	6456.51	340.582	0.49	0.10	0.48
12528.00	90.460	342.190	6076.16	6548.29	6176.38	-2176.03	1746445.40	14581706.55	40°09'01.235"N	80°37'14.023"W	6548.50	340.592	1.92	0.07	1.92
12621.00	90.460	342.660	6075.41	6641.26	6265.04	-2204.11	1746417.33	14581795.17	40°09'02.112"N	80°37'14.379"W	6641.45	340.618	0.51	0.00	0.51
12714.00	90.460	341.320	6074.66	6734.24	6353.48	-2232.86	1746388.59	14581883.57	40°09'02.987"N	80°37'14.745"W	6734.41	340.637	1.44	0.00	-1.44
12807.00	90.490	340.930	6073.89	6827.24	6441.47	-2262.95	1746358.51	14581971.53	40°09'03.858"N	80°37'15.127"W	6827.41	340.643	0.42	0.03	-0.42
12899.00	90.590	340.790	6073.02	6919.23	6528.38	-2293.11	1746328.36	14582058.41	40°09'04.718"N	80°37'15.511"W	6919.40	340.646	0.19	0.11	-0.15
12992.00	90.460	340.080	6072.17	7012.22	6616.01	-2324.25	1746297.23	14582146.00	40°09'05.586"N	80°37'15.907"W	7012.40	340.643	0.78	-0.14	-0.76
13085.00	90.550	338.820	6071.35	7105.18	6703.09	-2356.89	1746264.60	14582233.05	40°09'06.447"N	80°37'16.323"W	7105.37	340.628	1.36	0.10	-1.35
13177.00	90.520	336.940	6070.49	7197.03	6788.31	-2391.53	1746229.98	14582318.23	40°09'07.291"N	80°37'16.764"W	7197.26	340.593	2.04	-0.03	-2.04
13270.00	90.340	335.680	6069.80	7289.71	6873.47	-2428.90	1746192.63	14582403.36	40°09'08.134"N	80°37'17.241"W	7290.00	340.538	1.37	-0.19	-1.35
13363.00	90.520	337.310	6069.10	7382.41	6958.74	-2465.99	1746155.55	14582488.60	40°09'08.978"N	80°37'17.714"W	7382.76	340.487	1.76	0.19	1.75
13455.00	90.620	341.430	6068.18	7474.35	7044.82	-2498.39	1746123.16	14582574.65	40°09'09.830"N	80°37'18.126"W	7474.72	340.473	4.48	0.11	4.48
13548.00	90.650	342.460	6067.15	7567.33	7133.24	-2527.21	1746094.35	14582663.03	40°09'10.705"N	80°37'18.493"W	7567.69	340.491	1.11	0.03	1.11
13641.00	90.620	343.850	6066.12	7660.26	7222.24	-2554.16	1746067.41	14582752.00	40°09'11.586"N	80°37'18.835"W	7660.58	340.524	1.49	-0.03	1.49
13734.00	90.460	344.790	6065.24	7753.10	7311.77	-2579.29	1746042.29	14582841.50	40°09'12.472"N	80°37'19.154"W	7753.37	340.569	1.03	-0.17	1.01
13826.00	90.580	344.160	6064.41	7844.93	7400.41	-2603.92	1746017.67	14582930.10	40°09'13.349"N	80°37'19.466"W	7845.16	340.615	0.70	0.13	-0.68
13919.00	90.680	346.880	6063.39	7937.63	7490.44	-2627.17	1745994.43	14583020.10	40°09'14.239"N	80°37'19.760"W	7937.80	340.672	2.93	0.11	2.92
14011.00	90.710	347.560	6062.27	8029.09	7580.16	-2647.52	1745974.09	14583109.78	40°09'15.127"N	80°37'20.018"W	8029.20	340.747	0.74	0.03	0.74
14103.00	90.650	346.320	6061.18	8120.60	7669.77	-2668.31	1745953.31	14583199.35	40°09'16.013"N	80°37'20.280"W	8120.67	340.817	1.35	-0.07	-1.35
14193.00	90.650	346.120	6060.16	8210.23	7757.17	-2689.74	1745931.88	14583286.72	40°09'16.878"N	80°37'20.552"W	8210.26	340.876	0.22	0.00	-0.22
14286.00	90.620	343.760	6059.13	8303.00	7846.97	-2713.90	1745907.73	14583376.48	40°09'17.766"N	80°37'20.858"W	8303.02	340.922	2.54	-0.03	-2.54
14379.00	90.580	342.570	6058.15	8395.93	7935.97	-2740.84	1745880.81	14583465.46	40°09'18.647"N	80°37'21.200"W	8395.94	340.947	1.28	-0.04	-1.28
14472.00	90.220	340.800	6057.50	8488.92	8024.26	-2770.06	1745851.60	14583553.70	40°09'19.521"N	80°37'21.571"W	8488.93	340.955	1.94	-0.39	-1.90
14565.00	90.400	340.460	6057.00	8581.91	8111.99	-2800.90	1745820.77	14583641.40	40°09'20.389"N	80°37'21.964"W	8581.93	340.951	0.41	0.19	-0.37
14657.00	90.310	339.140	6056.43	8673.89	8198.33	-2832.67	1745789.01	14583727.71	40°09'21.243"N	80°37'22.368"W	8673.90	340.939	1.44	-0.10	-1.43
14749.00	90.340	339.850	6055.91	8765.85	8284.50	-2864.89	1745756.80	14583813.84	40°09'22.096"N	80°37'22.779"W	8765.87	340.924	0.77	0.03	0.77
14842.00	90.280	339.990	6055.40	8858.83	8371.84	-2896.82	1745724.88	14583901.16	40°09'22.961"N	80°37'23.185"W	8858.86	340.913	0.16	-0.06	0.15
14935.00	90.310	339.890	6054.93	8951.81	8459.20	-2928.72	1745693.00	14583988.48	40°09'23.825"N	80°37'23.591"W	8951.84	340.903	0.11	0.03	-0.11
15027.00	90.120	339.650	6054.58	9043.79	8545.53	-2960.53	1745661.20	14584074.77	40°09'24.680"N	80°37'23.996"W	9043.82	340.892	0.33	-0.21	-0.26
15120.00	90.180	341.320	6054.34	9136.78	8633.18	-2991.60	1745630.14	14584162.39	40°09'25.547"N	80°37'24.391"W	9136.82	340.888	1.80	0.06	1.80

Actual Wellpath Report

Dallas Hall OHI 3H AWP Proj: 16239'

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REFERENCE WELLPATH IDENTIFICATION

Operator	SOUTHWESTERN ENERGY	Slot	Slot 3H
Area	Ohio County, WV	Well	Dallas Hall OHI 3H
Field	Ohio	Wellbore	Dallas Hall OHI 3H AWB
Facility	Dallas Hall OHI Pad		

WELLPATH DATA (193 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]
15213.00	90.250	345.660	6053.99	9229.68	8722.32	-3018.02	1745603.73	14584251.50	40°09'26.429"N	80°37'24.727"W	9229.70	340.914	4.67	0.08	4.67
15305.00	90.150	345.800	6053.67	9321.37	8811.48	-3040.70	1745581.06	14584340.62	40°09'27.311"N	80°37'25.014"W	9321.38	340.961	0.19	-0.11	0.15
15397.00	90.150	345.340	6053.43	9413.08	8900.58	-3063.63	1745558.14	14584429.69	40°09'28.193"N	80°37'25.304"W	9413.08	341.006	0.50	0.00	-0.50
15490.00	90.250	344.030	6053.10	9505.89	8990.28	-3088.19	1745533.59	14584519.35	40°09'29.080"N	80°37'25.616"W	9505.89	341.042	1.41	0.11	-1.41
15582.00	90.280	341.060	6052.68	9597.85	9078.03	-3115.78	1745506.01	14584607.07	40°09'29.948"N	80°37'25.966"W	9597.85	341.057	3.23	0.03	-3.23
15675.00	90.120	339.870	6052.35	9690.84	9165.67	-3146.88	1745474.92	14584694.68	40°09'30.816"N	80°37'26.362"W	9690.84	341.051	1.29	-0.17	-1.28
15768.00	90.280	342.030	6052.03	9783.84	9253.57	-3177.23	1745444.58	14584782.54	40°09'31.686"N	80°37'26.748"W	9783.84	341.050	2.33	0.17	2.32
15860.00	90.280	341.190	6051.58	9875.83	9340.87	-3206.26	1745415.57	14584869.81	40°09'32.550"N	80°37'27.117"W	9875.83	341.055	0.91	0.00	-0.91
15953.00	90.280	340.380	6051.12	9968.83	9428.69	-3236.86	1745384.98	14584957.59	40°09'33.419"N	80°37'27.507"W	9968.83	341.053	0.87	0.00	-0.87
16046.00	90.280	340.430	6050.67	10061.82	9516.30	-3268.05	1745353.80	14585045.17	40°09'34.286"N	80°37'27.904"W	10061.82	341.047	0.05	0.00	0.05
16139.00	90.400	340.200	6050.12	10154.81	9603.87	-3299.38	1745322.49	14585132.70	40°09'35.152"N	80°37'28.302"W	10154.81	341.040	0.28	0.13	-0.25
16214.00	90.490	342.890	6049.53	10229.80	9675.00	-3323.12	1745298.76	14585203.81	40°09'35.856"N	80°37'28.604"W	10229.80	341.044	3.59	0.12	3.59
16239.00	90.490	342.890	6049.32	10254.78	9698.89	-3330.47	1745291.40	14585227.69	40°09'36.093"N	80°37'28.698"W	10254.78	341.048	0.00	0.00	0.00

HOLE & CASING SECTIONS - Ref Wellbore: Dallas Hall OHI 3H AWB Ref Wellpath: Dallas Hall OHI 3H AWP Proj: 16239'

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]
17.5in Open Hole	26.00	478.00	452.00	26.00	478.00	0.00	0.00	0.36	-0.95
13.375in Casing Surface	26.00	478.00	452.00	26.00	478.00	0.00	0.00	0.36	-0.95
12.25in Open Hole	478.00	1920.00	1442.00	478.00	1919.41	0.36	-0.95	-18.97	2.20
9.625in Casing Intermediate	26.00	1920.00	1894.00	26.00	1919.41	0.00	0.00	-18.97	2.20
8.75in Open Hole	1920.00	6160.00	4240.00	1919.41	6012.17	-18.97	2.20	150.56	-243.91
8.5in Open Hole	6160.00	16239.00	10079.00	6012.17	6049.32	150.56	-243.91	9698.89	-3330.47
5.5in Casing Production	26.00	16239.00	16213.00	26.00	6049.32	0.00	0.00	9698.89	-3330.47



REFERENCE WELLPATH IDENTIFICATION

Operator	SOUTHWESTERN ENERGY	Slot	Slot 3H
Area	Ohio County, WV	Well	Dallas Hall OHI 3H
Field	Ohio	Wellbore	Dallas Hall OHI 3H AWB
Facility	Dallas Hall OHI Pad		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Dallas Hall OHI 3H BHL Rev-3	6041.00	9702.83	-3323.01	1745298.87	14585231.62	40°09'36.131"N	80°37'28.601"W	point
Dallas Hall OHI 3H LP Rev-4	6136.00	496.09	-356.23	1748264.49	14576028.46	40°08'05.025"N	80°36'50.905"W	point

WELLPATH COMPOSITION - Ref Wellbore: Dallas Hall OHI 3H AWB Ref Wellpath: Dallas Hall OHI 3H AWP Proj: 16239'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
26.00	460.00	OWSG MWD rev2 + HRGM	01_Premier MWD <17 1/2"> (164'-460')	Dallas Hall OHI 3H AWB
460.00	1866.00	OWSG MWD rev2 + HRGM	02_Premier MWD <12 1/4"> (557'-1866')	Dallas Hall OHI 3H AWB
1866.00	6087.00	OWSG MWD rev2 + HRGM	03_Premier MWD <8 3/4"> (1960'-6087')	Dallas Hall OHI 3H AWB
6087.00	16214.00	BHI AutoTrak Curve (Axial)	04_BH AT Curve <8 1/2"> (6162'-16214')	Dallas Hall OHI 3H AWB
16214.00	16239.00	Blind Drilling (std)	Projection to bit	Dallas Hall OHI 3H AWB

REFERENCE WELLPATH IDENTIFICATION

Operator	SOUTHWESTERN ENERGY	Slot	Slot 3H
Area	Ohio County, WV	Well	Dallas Hall OHI 3H
Field	Ohio	Wellbore	Dallas Hall OHI 3H AWB
Facility	Dallas Hall OHI Pad		

COMMENTS

Wellpath general comments
API: 47-069-00271-0000
BH Job #: 109499432
Rig: SDC 41
Duration: 12/20/2018 - 12/23/2018