



Actual Wellpath Report

Shawn Couch OHI 5H AWP Proj:
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REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Shawn Couch OHI 5H
Field	Ohio	API/Legal	
Facility	Shawn Couch OHI Pad	Wellbore	Shawn Couch OHI 5H AWB
Slot	Slot #05		

REPORT SETUP INFORMATION

Projection System	NAD83 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Bondkelc
Scale	0.999615	Report Generated	04/13/2020 at 02:17
Convergence at slot	0.27° East	Database	WellArchitectDB

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-5.91	-12.87	1755354.37	14580839.05	40°08'52.2672"N	80°35'19.3021"W
Facility Reference Pt			1755367.23	14580844.96	40°08'52.3250"N	80°35'19.1360"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.4780"W

WELLPATH DATUM

Calculation method	Minimum curvature	SDC 42 (KB) to Facility Vertical Datum	1272.80ft
Horizontal Reference Pt	Slot	SDC 42 (KB) to Mean Sea Level	1272.80ft
Vertical Reference Pt	SDC 42 (KB)	SDC 42 (KB) to Ground Level at Slot (Slot #05)	26.00ft
MD Reference Pt	SDC 42 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	338.61°



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WELLPATH DATA (206 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
0.00†	0.000	183.230	0.00	0.00	0.00	0.00	0.00
26.00	0.000	183.230	26.00	0.00	0.00	0.00	0.00
100.00	0.110	183.230	100.00	-0.06	-0.07	0.00	0.15
125.00	0.190	161.200	125.00	-0.13	-0.13	0.01	0.39
150.00	0.190	142.280	150.00	-0.21	-0.21	0.05	0.25
175.00	0.060	198.000	175.00	-0.26	-0.25	0.07	0.66
200.00	0.150	174.380	200.00	-0.30	-0.30	0.07	0.39
225.00	0.130	160.960	225.00	-0.36	-0.36	0.08	0.15
250.00	0.170	151.090	250.00	-0.43	-0.42	0.11	0.19
275.00	0.160	163.170	275.00	-0.50	-0.48	0.13	0.14
300.00	0.080	194.460	300.00	-0.55	-0.53	0.14	0.40
325.00	0.140	176.800	325.00	-0.59	-0.58	0.14	0.27
350.00	0.240	156.260	350.00	-0.67	-0.66	0.16	0.48
375.00	0.180	177.820	375.00	-0.76	-0.74	0.18	0.39
400.00	0.140	297.000	400.00	-0.77	-0.77	0.16	1.11
425.00	0.420	214.600	425.00	-0.80	-0.83	0.08	1.70
450.00	0.550	224.980	450.00	-0.90	-0.99	-0.06	0.63
475.00	0.410	239.620	475.00	-0.96	-1.12	-0.22	0.74
590.00	0.300	269.260	589.99	-0.92	-1.33	-0.88	0.18
656.00	1.100	354.910	655.99	-0.25	-0.70	-1.11	1.69
745.00	2.650	350.030	744.94	2.58	2.17	-1.54	1.75
836.00	3.850	347.320	835.79	7.67	7.23	-2.57	1.33
955.00	5.270	344.860	954.41	17.05	16.40	-4.88	1.20
1048.00	5.110	351.350	1047.03	25.33	24.62	-6.62	0.65
1137.00	4.130	8.120	1135.75	31.99	31.71	-6.76	1.86
1200.00	3.680	19.460	1198.60	35.49	35.86	-5.76	1.42
1318.00	3.320	53.690	1316.39	39.24	41.45	-1.75	1.77
1410.00	4.000	80.630	1408.21	39.25	43.55	3.56	1.99
1475.00	4.830	92.680	1473.02	37.67	43.80	8.53	1.91
1596.00	6.500	98.270	1593.42	32.20	42.57	20.40	1.45



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Slot	Slot #05		

WELLPATH DATA (206 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
1689.00	6.680	108.940	1685.81	26.09	40.06	30.73	1.33
1780.00	6.490	117.120	1776.22	18.82	36.00	40.31	1.05
1807.00	6.520	116.610	1803.04	16.53	34.61	43.04	0.24
1912.00	6.950	124.290	1907.32	6.86	28.37	53.62	0.95
2003.00	7.060	114.580	1997.64	-1.71	22.94	63.25	1.31
2096.00	8.310	139.920	2089.83	-12.19	15.42	72.78	3.85
2189.00	9.150	140.580	2181.75	-25.59	4.56	81.80	0.91
2282.00	9.550	137.120	2273.52	-39.80	-6.80	91.75	0.74
2373.00	9.860	134.330	2363.22	-53.92	-17.78	102.46	0.62
2465.00	10.100	128.840	2453.83	-68.11	-28.35	114.38	1.07
2553.00	10.370	124.760	2540.43	-81.38	-37.70	126.89	0.88
2645.00	12.640	123.820	2630.57	-96.53	-48.02	142.06	2.48
2738.00	13.720	119.840	2721.12	-113.48	-59.18	160.08	1.52
2831.00	14.260	125.990	2811.37	-131.73	-71.40	178.92	1.70
2923.00	14.850	123.940	2900.42	-150.97	-84.64	197.87	0.85
3016.00	12.780	125.340	2990.72	-169.38	-97.24	216.15	2.25
3107.00	12.940	123.200	3079.44	-186.10	-108.64	232.88	0.55
3196.00	12.110	128.510	3166.32	-202.29	-119.91	248.53	1.59
3283.00	12.170	126.930	3251.38	-217.99	-131.10	263.00	0.39
3373.00	12.540	122.550	3339.30	-233.97	-142.06	278.82	1.12
3465.00	11.230	123.740	3429.32	-249.39	-152.41	294.69	1.45
3558.00	11.370	129.940	3520.52	-264.86	-163.33	309.25	1.31
3651.00	11.240	128.280	3611.72	-280.73	-174.83	323.39	0.38
3743.00	10.800	125.290	3702.02	-295.67	-185.36	337.46	0.78
3836.00	11.560	123.760	3793.26	-310.60	-195.57	352.32	0.88
3929.00	11.950	127.920	3884.31	-326.53	-206.67	367.67	1.00
4021.00	11.370	126.290	3974.41	-342.38	-217.89	382.49	0.72
4114.00	11.640	127.540	4065.54	-358.16	-229.03	397.32	0.40
4207.00	11.970	130.060	4156.58	-374.67	-240.96	412.14	0.66
4300.00	11.480	126.010	4247.64	-390.94	-252.60	427.01	1.03



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Slot	Slot #05		

WELLPATH DATA (206 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS ["/100ft]
4391.00	12.940	125.060	4336.58	-407.06	-263.78	442.67	1.62
4484.00	13.000	130.190	4427.21	-424.94	-276.51	459.19	1.24
4577.00	12.150	126.280	4517.98	-442.41	-289.06	475.07	1.29
4670.00	11.070	121.300	4609.07	-457.78	-299.49	490.59	1.58
4762.00	12.390	123.980	4699.15	-472.93	-309.59	506.32	1.55
4855.00	13.240	129.480	4789.84	-490.44	-321.94	522.81	1.60
4948.00	12.760	126.730	4880.45	-508.47	-334.85	539.27	0.84
5040.00	12.130	122.280	4970.29	-524.88	-346.09	555.58	1.25
5133.00	11.580	128.680	5061.31	-540.84	-357.15	571.13	1.53
5225.00	12.300	128.630	5151.32	-557.34	-369.03	585.99	0.78
5318.00	13.110	129.010	5242.05	-575.09	-381.86	601.93	0.88
5410.00	12.090	124.710	5331.83	-592.16	-393.91	617.96	1.51
5502.00	7.450	95.900	5422.52	-602.90	-400.02	631.82	7.18
5593.00	5.060	35.390	5513.06	-603.41	-397.35	640.03	7.28
5686.00	8.680	355.410	5605.43	-594.43	-387.00	641.84	6.23
5779.00	15.400	358.110	5696.33	-576.05	-367.64	640.87	7.25
5872.00	21.480	347.750	5784.54	-547.57	-338.63	636.85	7.40
5965.00	26.050	351.690	5869.63	-510.85	-301.76	630.28	5.20
6031.00	30.640	353.870	5927.71	-480.49	-270.68	626.39	7.13
6122.00	39.200	356.670	6002.26	-430.68	-218.82	622.23	9.57
6215.00	47.370	357.010	6069.90	-370.17	-155.20	618.73	8.79
6306.00	55.780	356.330	6126.40	-302.45	-84.10	614.57	9.26
6399.00	66.240	355.300	6171.42	-224.84	-3.08	608.61	11.29
6487.00	75.250	351.650	6200.42	-144.62	79.35	599.11	10.96
6580.00	84.820	347.840	6216.50	-54.86	169.35	582.78	11.05
6673.00	90.090	342.950	6220.63	37.34	259.19	559.36	7.73
6766.00	90.620	338.750	6220.05	130.24	347.03	528.86	4.55
6857.00	90.990	338.260	6218.77	221.23	431.69	495.52	0.67
6950.00	90.680	337.150	6217.42	314.21	517.73	460.24	1.24
7043.00	90.310	336.610	6216.61	407.16	603.25	423.72	0.70



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Slot	Slot #05		

WELLPATH DATA (206 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
7135.00	90.800	336.980	6215.72	499.11	687.81	387.47	0.67
7225.00	90.950	338.090	6214.35	589.08	770.96	353.09	1.24
7317.00	90.800	337.850	6212.94	681.07	856.24	318.58	0.31
7410.00	90.860	337.360	6211.59	774.04	942.21	283.16	0.53
7503.00	90.740	337.460	6210.30	867.01	1028.07	247.43	0.17
7592.00	90.770	337.230	6209.12	955.98	1110.20	213.16	0.26
7685.00	91.050	337.010	6207.65	1048.94	1195.87	177.00	0.38
7777.00	91.260	337.000	6205.79	1140.89	1280.54	141.07	0.23
7870.00	90.830	337.120	6204.10	1233.84	1366.17	104.83	0.48
7963.00	91.170	337.750	6202.47	1326.80	1452.04	69.15	0.77
8052.00	90.650	337.370	6201.06	1415.77	1534.29	35.18	0.72
8145.00	91.510	337.270	6199.31	1508.73	1620.08	-0.67	0.93
8238.00	91.260	336.760	6197.06	1601.67	1705.67	-36.98	0.61
8328.00	91.690	338.620	6194.74	1691.62	1788.90	-71.13	2.12
8420.00	91.790	338.040	6191.95	1783.58	1874.36	-105.09	0.64
8513.00	91.320	337.390	6189.42	1876.53	1960.38	-140.34	0.86
8605.00	91.170	337.550	6187.43	1968.49	2045.34	-175.58	0.24
8698.00	90.710	337.610	6185.90	2061.47	2131.30	-211.05	0.50
8790.00	91.570	337.780	6184.07	2153.44	2216.40	-245.96	0.95
8883.00	91.510	337.980	6181.57	2246.39	2302.52	-280.97	0.22
8976.00	90.620	338.070	6179.84	2339.37	2388.75	-315.76	0.96
9069.00	90.580	337.560	6178.87	2432.36	2474.86	-350.88	0.55
9161.00	91.170	337.230	6177.46	2524.33	2559.78	-386.23	0.73
9254.00	90.460	337.270	6176.14	2617.29	2645.54	-422.19	0.76
9347.00	90.030	336.850	6175.74	2710.25	2731.18	-458.44	0.65
9440.00	91.080	337.550	6174.84	2803.22	2816.91	-494.48	1.36
9533.00	90.310	339.260	6173.71	2896.21	2903.37	-528.70	2.02
9625.00	91.080	339.740	6172.60	2988.19	2989.54	-560.92	0.99
9718.00	90.710	339.720	6171.14	3081.16	3076.77	-593.13	0.40
9808.00	90.860	339.360	6169.91	3171.14	3161.08	-624.59	0.43



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Slot	Slot #05		

WELLPATH DATA (206 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
9900.00	90.890	339.770	6168.51	3263.12	3247.28	-656.71	0.45
9993.00	90.280	339.870	6167.56	3356.09	3334.57	-688.79	0.66
10086.00	90.550	339.710	6166.88	3449.07	3421.84	-720.92	0.34
10179.00	90.620	339.180	6165.93	3542.05	3508.91	-753.57	0.57
10271.00	90.800	339.640	6164.79	3634.04	3595.03	-785.92	0.54
10364.00	90.620	339.490	6163.64	3727.02	3682.17	-818.39	0.25
10457.00	90.800	339.840	6162.49	3819.99	3769.37	-850.70	0.42
10550.00	90.980	339.470	6161.04	3912.97	3856.55	-883.03	0.44
10643.00	90.580	339.790	6159.78	4005.94	3943.73	-915.40	0.55
10732.00	90.920	340.430	6158.61	4094.90	4027.41	-945.68	0.81
10819.00	90.490	340.770	6157.54	4181.85	4109.47	-974.57	0.63
10906.00	90.310	340.600	6156.94	4268.79	4191.57	-1003.35	0.28
10992.00	90.710	339.660	6156.17	4354.75	4272.44	-1032.58	1.19
11079.00	90.920	340.140	6154.93	4441.72	4354.14	-1062.47	0.60
11166.00	90.710	340.330	6153.70	4528.68	4436.00	-1091.89	0.33
11259.00	90.650	340.570	6152.59	4621.62	4523.64	-1123.01	0.27
11352.00	90.800	339.230	6151.41	4714.59	4610.96	-1154.96	1.45
11441.00	91.080	337.790	6149.95	4803.57	4693.76	-1187.56	1.65
11531.00	90.950	338.990	6148.36	4893.56	4777.42	-1220.70	1.34
11618.00	90.620	337.650	6147.17	4980.55	4858.26	-1252.84	1.59
11710.00	90.250	336.980	6146.47	5072.52	4943.14	-1288.32	0.83
11800.00	90.890	338.450	6145.57	5162.50	5026.41	-1322.45	1.78
11889.00	91.020	338.910	6144.09	5251.49	5109.31	-1354.80	0.54
11982.00	90.800	338.410	6142.61	5344.48	5195.92	-1388.64	0.59
12074.00	90.430	338.850	6141.63	5436.47	5281.59	-1422.16	0.62
12167.00	90.740	337.860	6140.68	5529.46	5368.02	-1456.46	1.12
12259.00	90.920	338.540	6139.34	5621.45	5453.43	-1490.62	0.76
12352.00	90.950	337.670	6137.83	5714.43	5539.71	-1525.30	0.94
12442.00	90.890	338.000	6136.38	5804.41	5623.05	-1559.25	0.37
12535.00	90.030	337.880	6135.64	5897.40	5709.24	-1594.18	0.93



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12627.00	89.600	337.880	6135.93	5989.40	5794.47	-1628.82	0.47
12717.00	90.120	338.610	6136.15	6079.39	5878.06	-1662.17	1.00
12803.00	90.340	337.940	6135.81	6165.39	5957.95	-1694.01	0.82
12896.00	90.280	338.540	6135.30	6258.39	6044.32	-1728.48	0.65
12982.00	90.090	337.990	6135.03	6344.38	6124.20	-1760.33	0.68
13075.00	90.800	339.490	6134.30	6437.38	6210.87	-1794.05	1.78
13165.00	90.370	338.700	6133.38	6527.37	6294.94	-1826.16	1.00
13257.00	90.620	341.770	6132.59	6619.32	6381.51	-1857.27	3.35
13350.00	90.580	344.790	6131.62	6711.99	6470.56	-1884.02	3.25
13439.00	90.620	345.420	6130.68	6800.42	6556.56	-1906.89	0.71
13526.00	90.150	342.840	6130.10	6887.00	6640.24	-1930.68	3.01
13616.00	90.280	336.120	6129.76	6976.94	6724.48	-1962.21	7.47
13706.00	90.620	337.730	6129.05	7066.90	6807.27	-1997.48	1.83
13798.00	90.150	336.390	6128.44	7158.86	6891.99	-2033.34	1.54
13888.00	90.370	337.260	6128.03	7248.81	6974.73	-2068.76	1.00
13981.00	90.090	337.290	6127.65	7341.79	7060.51	-2104.69	0.30
14071.00	90.740	337.620	6127.00	7431.76	7143.63	-2139.19	0.81
14160.00	90.550	336.740	6126.00	7520.73	7225.66	-2173.71	1.01
14250.00	90.180	336.700	6125.43	7610.68	7308.33	-2209.28	0.41
14342.00	90.120	336.870	6125.19	7702.63	7392.88	-2245.54	0.20
14435.00	90.310	336.740	6124.84	7795.59	7478.36	-2282.17	0.25
14525.00	90.280	336.660	6124.37	7885.53	7561.02	-2317.77	0.09
14617.00	90.770	338.680	6123.53	7977.51	7646.11	-2352.72	2.26
14710.00	90.520	337.450	6122.48	8070.50	7732.37	-2387.46	1.35
14803.00	90.890	337.160	6121.34	8163.47	7818.16	-2423.34	0.51
14896.00	91.080	337.720	6119.74	8256.44	7904.03	-2459.01	0.64
14988.00	90.830	336.040	6118.21	8348.38	7988.63	-2495.13	1.85
15081.00	90.800	337.370	6116.88	8441.32	8074.04	-2531.90	1.43
15174.00	90.520	337.290	6115.81	8534.29	8159.85	-2567.74	0.31
15266.00	90.950	338.580	6114.63	8626.27	8245.10	-2602.30	1.48



Actual Wellpath Report

Shawn Couch OHI 5H AWP Proj:

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REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Shawn Couch OHI 5H
Field	Ohio	API/Legal	
Facility	Shawn Couch OHI Pad	Wellbore	Shawn Couch OHI 5H AWB
Slot	Slot #05		

WELLPATH DATA (206 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
15359.00	90.520	337.870	6113.44	8719.26	8331.46	-2636.80	0.89
15452.00	89.660	337.670	6113.29	8812.25	8417.54	-2671.98	0.95
15544.00	90.430	338.360	6113.22	8904.24	8502.85	-2706.42	1.12
15637.00	89.630	337.020	6113.17	8997.23	8588.89	-2741.73	1.68
15726.00	90.830	339.100	6112.82	9086.22	8671.43	-2774.98	2.70
15819.00	90.680	338.060	6111.59	9179.21	8758.00	-2808.94	1.13
15911.00	90.490	337.150	6110.65	9271.19	8843.06	-2843.99	1.01
16003.00	90.430	338.020	6109.91	9363.17	8928.10	-2879.06	0.95
16096.00	90.340	339.770	6109.29	9456.16	9014.86	-2912.55	1.88
16188.00	90.580	339.340	6108.55	9548.14	9101.06	-2944.69	0.54
16280.00	90.520	339.430	6107.67	9640.13	9187.17	-2977.08	0.12
16372.00	90.280	339.320	6107.02	9732.12	9273.27	-3009.48	0.29
16465.00	90.150	339.780	6106.67	9825.11	9360.41	-3041.97	0.51
16558.00	90.460	339.700	6106.18	9918.09	9447.65	-3074.18	0.34
16650.00	90.400	339.280	6105.49	10010.08	9533.82	-3106.41	0.46
16743.00	90.250	339.240	6104.96	10103.07	9620.79	-3139.34	0.17
16833.00	90.580	338.670	6104.31	10193.06	9704.78	-3171.66	0.73
16920.00	90.650	340.940	6103.38	10280.03	9786.42	-3201.69	2.61
17006.00	89.720	339.820	6103.10	10365.99	9867.43	-3230.57	1.69
17099.00	90.180	341.540	6103.18	10458.93	9955.19	-3261.34	1.91
17189.00	89.910	339.520	6103.11	10548.87	10040.04	-3291.33	2.26
17275.00	89.780	340.370	6103.34	10634.85	10120.82	-3320.82	1.00
17364.00	89.880	340.040	6103.60	10723.81	10204.56	-3350.96	0.39
17453.00	89.880	339.070	6103.79	10812.80	10287.95	-3382.05	1.09
17588.00	89.910	339.780	6104.04	10947.78	10414.34	-3429.50	0.53
17613.00‡	89.910	339.780	6104.08	10972.78	10437.80	-3438.14	0.00



Actual Wellpath Report

Shawn Couch OHI 5H AWP Proj:

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REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Shawn Couch OHI 5H
Field	Ohio	API/Legal	
Facility	Shawn Couch OHI Pad	Wellbore	Shawn Couch OHI 5H AWB
Slot	Slot #05		

HOLE & CASING SECTIONS

- Ref Wellbore: Shawn Couch OHI 5H AWB Ref Wellpath: Shawn Couch OHI 5H AWP Proj:

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	26.00	126.00	100.00	26.00	126.00	0.00	0.00	-0.14	0.01
17.5in Open Hole	126.00	418.00	292.00	126.00	418.00	-0.14	0.01	-0.80	0.11
13.375in Casing Surface	26.00	418.00	392.00	26.00	418.00	0.00	0.00	-0.80	0.11
12.25in Open Hole	418.00	1882.00	1464.00	418.00	1877.54	-0.80	0.11	30.34	50.61
9.625in Casing Intermediate	26.00	1882.00	1856.00	26.00	1877.54	0.00	0.00	30.34	50.61

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Shawn Couch OHI 5H BHL Rev-5	6093.00	10435.77	-3444.57	1751911.13	14591270.78	40°10'35.5482"N	80°36'3.0551"W	point
Shawn Couch OHI 5H LP Rev-5	6216.00	276.91	526.36	1755880.52	14581115.85	40°08'54.9795"N	80°35'12.5075"W	point



Actual Wellpath Report

Shawn Couch OHI 5H AWP Proj:

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REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Shawn Couch OHI 5H
Field	Ohio	API/Legal	
Facility	Shawn Couch OHI Pad	Wellbore	Shawn Couch OHI 5H AWB
Slot	Slot #05		

WELLPATH COMPOSITION - Ref Wellbore: Shawn Couch OHI 5H AWB Ref Wellpath: Shawn Couch OHI 5H AWP Proj:

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
26.00	400.00	SDI Keeper v1.04	01_Scientific Gyro <17 1/2"> (100'-400')	Shawn Couch OHI 5H AWB	04/09/2020
400.00	836.00	SDI Keeper v1.04	02_Scientific Gyro <12 1/4"> (425'-836')	Shawn Couch OHI 5H AWB	04/09/2020
836.00	1137.00	OWSG MWD rev2 + HRGM	03_Premier MWD <12 1/4"> (955'-1137')	Shawn Couch OHI 5H AWB	04/09/2020
1137.00	1200.00	SDI Keeper v1.04	04_Scientific Gyro <12 1/4"> (1200')	Shawn Couch OHI 5H AWB	04/09/2020
1200.00	1410.00	OWSG MWD rev2 + HRGM	05_Premier MWD <12 1/4"> (1318'-1410')	Shawn Couch OHI 5H AWB	04/09/2020
1410.00	1475.00	SDI Keeper v1.04	06_Scientific Gyro <12 1/4"> (1475')	Shawn Couch OHI 5H AWB	04/09/2020
1475.00	1807.00	OWSG MWD rev2 + HRGM	07_Premier MWD <12 1/4"> (1596'-1807')	Shawn Couch OHI 5H AWB	04/09/2020
1807.00	5965.00	OWSG MWD rev2 + HRGM	08_Premier MWD <8 3/4"> (1912'-xxxx')	Shawn Couch OHI 5H AWB	04/09/2020
5965.00	17613.00	OWSG MWD rev2 + HRGM	09_BH AT Curve <8 1/2"> (xxxx'-xxxxx')	Shawn Couch OHI 5H AWB	04/09/2020