

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798'

Page 1 of 8

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

REPORT SETUP INFORMATION			
Projection System	NAD83 / UTM Zone 17 North, US feet	Software System	WellArchitect@ 6.0
North Reference	Grid	User	Tranlam
Scale	0.999620	Report Generated	5/16/2023 at 2:00:38 PM
Convergence at slot	0.31° East	Database	WA_MPL_EASTERNNUS_Defn

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	27.68	2.39	1772010.64	14651229.27	40°20'27.2954"N	80°31'39.9036"W
Facility Reference Pt			1772008.25	14651201.60	40°20'27.0220"N	80°31'39.9364"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.4780"W

WELLPATH DATUM			
Calculation method	Minimum curvature	SDC 40 (KB) to Facility Vertical Datum	1227.30ft
Horizontal Reference Pt	Slot	SDC 40 (KB) to Mean Sea Level	1227.30ft
Vertical Reference Pt	SDC 40 (KB)	SDC 40 (KB) to Ground Level at Slot (206H)	26.00ft
MD Reference Pt	SDC 40 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	160.22°

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798

Page 2 of 8

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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]	Comments
0.00†	0.000	238.650	0.00	0.00	0.00	0.00	1772010.64	14651229.27	40°20'27.2954"N	80°31'39.9036"W	0.00	0.000	0.00	
26.00	0.000	238.650	26.00	0.00	0.00	0.00	1772010.64	14651229.27	40°20'27.2954"N	80°31'39.9036"W	0.00	0.000	0.00	
194.00	0.090	238.650	194.00	0.03	-0.07	-0.11	1772010.53	14651229.20	40°20'27.2947"N	80°31'39.9050"W	0.13	238.650	0.05	
233.00	0.190	181.100	233.00	0.09	-0.15	-0.14	1772010.50	14651229.12	40°20'27.2939"N	80°31'39.9054"W	0.20	223.188	0.41	
322.00	0.100	19.810	322.00	0.17	-0.22	-0.12	1772010.52	14651229.05	40°20'27.2931"N	80°31'39.9051"W	0.25	207.528	0.32	
412.00	0.020	341.990	412.00	0.09	-0.13	-0.09	1772010.55	14651229.14	40°20'27.2940"N	80°31'39.9048"W	0.16	215.112	0.09	
501.00	0.090	71.870	501.00	0.08	-0.10	-0.03	1772010.61	14651229.17	40°20'27.2944"N	80°31'39.9040"W	0.10	198.656	0.10	
590.00	0.130	140.440	590.00	0.18	-0.15	0.10	1772010.74	14651229.12	40°20'27.2938"N	80°31'39.9023"W	0.18	147.728	0.14	
683.00	0.310	47.590	683.00	0.18	-0.07	0.35	1772010.99	14651229.20	40°20'27.2947"N	80°31'39.8991"W	0.36	100.681	0.37	
773.00	1.620	337.040	772.99	-1.18	1.27	0.03	1772010.67	14651230.54	40°20'27.3079"N	80°31'39.9031"W	1.27	1.532	1.72	
864.00	3.330	326.510	863.90	-5.04	4.66	-1.93	1772008.71	14651233.93	40°20'27.3415"N	80°31'39.9281"W	5.04	337.534	1.94	
955.00	5.740	316.080	954.61	-11.76	10.14	-6.54	1772004.10	14651239.41	40°20'27.3959"N	80°31'39.9874"W	12.07	327.175	2.79	
1046.00	9.120	305.330	1044.83	-21.83	17.59	-15.59	1771995.06	14651246.86	40°20'27.4700"N	80°31'40.1036"W	23.50	318.462	4.00	
1137.00	12.530	295.990	1134.21	-34.82	26.09	-30.35	1771980.30	14651255.35	40°20'27.5548"N	80°31'40.2937"W	40.02	310.688	4.20	
1227.00	16.320	283.840	1221.38	-48.83	33.40	-51.41	1771959.25	14651262.66	40°20'27.6281"N	80°31'40.5652"W	61.31	303.008	5.37	
1317.00	17.630	274.210	1307.47	-61.37	37.43	-77.29	1771933.38	14651266.68	40°20'27.6693"N	80°31'40.8991"W	85.87	295.837	3.44	
1408.00	15.150	266.560	1394.78	-70.32	37.72	-102.91	1771907.77	14651266.98	40°20'27.6735"N	80°31'41.2300"W	109.61	290.131	3.61	
1430.00	15.610	265.180	1415.99	-71.90	37.30	-108.73	1771901.95	14651266.56	40°20'27.6697"N	80°31'41.3051"W	114.95	288.936	2.67	
1535.00	16.790	258.200	1516.83	-77.65	33.01	-137.66	1771873.04	14651262.27	40°20'27.6288"N	80°31'41.6790"W	141.56	283.486	2.17	
1626.00	17.000	267.060	1603.91	-83.33	29.64	-163.81	1771846.89	14651258.90	40°20'27.5966"N	80°31'42.0170"W	166.47	280.257	2.84	
1716.00	20.510	267.060	1689.12	-91.71	28.16	-192.71	1771818.01	14651257.42	40°20'27.5838"N	80°31'42.3902"W	194.75	278.313	3.90	
1807.00	20.900	266.520	1774.24	-100.88	26.36	-224.83	1771785.90	14651255.62	40°20'27.5676"N	80°31'42.8052"W	226.37	276.686	0.48	
1898.00	20.730	267.200	1859.30	-110.14	24.58	-257.12	1771753.62	14651253.84	40°20'27.5518"N	80°31'43.2223"W	258.29	275.462	0.32	
1988.00	22.680	266.710	1942.92	-119.72	22.81	-290.35	1771720.40	14651252.07	40°20'27.5360"N	80°31'43.6516"W	291.25	274.492	2.18	
2088.00	25.560	266.860	2034.18	-131.37	20.52	-331.15	1771679.62	14651249.78	40°20'27.5156"N	80°31'44.1786"W	331.78	273.546	2.88	
2184.00	26.850	267.370	2120.31	-143.70	18.39	-373.48	1771637.70	14651247.66	40°20'27.4968"N	80°31'44.7255"W	373.94	272.819	1.36	
2281.00	29.380	265.650	2205.86	-156.49	15.58	-419.10	1771591.30	14651244.85	40°20'27.4714"N	80°31'45.3147"W	419.39	272.129	2.74	
2377.00	29.890	264.650	2289.30	-168.72	11.57	-466.40	1771544.42	14651240.83	40°20'27.4342"N	80°31'45.9258"W	466.54	271.420	0.74	
2474.00	29.960	263.550	2373.37	-180.32	6.59	-514.53	1771496.31	14651235.86	40°20'27.3876"N	80°31'46.5477"W	514.57	270.734	0.57	
2570.00	29.920	264.230	2456.56	-191.65	1.49	-562.17	1771448.68	14651230.76	40°20'27.3397"N	80°31'47.1633"W	562.17	270.152	0.36	

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798

Page 3 of 8

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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)	Comments
2667.00	30.020	264.160	2540.59	-203.35	-3.41	-610.38	1771400.50	14651225.86	40°20'27.2938"N	80°31'47.7862"W	610.39	269.680	0.11	
2764.00	30.090	264.830	2624.55	-215.33	-8.07	-658.73	1771352.16	14651221.20	40°20'27.2503"N	80°31'48.4110"W	658.78	269.298	0.35	
2860.00	29.960	264.300	2707.67	-227.23	-12.62	-706.55	1771304.36	14651216.66	40°20'27.2078"N	80°31'49.0288"W	706.67	268.977	0.31	
2957.00	30.090	263.570	2791.65	-238.74	-17.75	-754.82	1771256.11	14651211.53	40°20'27.1597"N	80°31'49.6524"W	755.03	268.653	0.40	
3053.00	30.020	263.980	2874.74	-250.00	-22.96	-802.61	1771208.33	14651206.32	40°20'27.1106"N	80°31'50.2700"W	802.94	268.361	0.23	
3150.00	29.970	263.780	2958.75	-261.46	-28.13	-850.83	1771160.14	14651201.15	40°20'27.0621"N	80°31'50.8930"W	851.29	268.106	0.12	
3246.00	29.790	264.490	3041.99	-272.96	-33.02	-898.40	1771112.58	14651196.26	40°20'27.0163"N	80°31'51.5077"W	899.01	267.895	0.41	
3343.00	29.720	264.940	3126.20	-285.01	-37.45	-946.34	1771064.66	14651191.83	40°20'26.9750"N	80°31'52.1271"W	947.08	267.734	0.24	
3439.00	29.140	264.360	3209.81	-296.76	-41.85	-993.30	1771017.72	14651187.44	40°20'26.9340"N	80°31'52.7339"W	994.19	267.587	0.67	
3536.00	29.760	264.530	3294.28	-308.48	-46.47	-1040.77	1770970.27	14651182.82	40°20'26.8909"N	80°31'53.3472"W	1041.81	267.444	0.64	
3632.00	29.090	265.440	3377.89	-320.50	-50.59	-1087.75	1770923.30	14651178.70	40°20'26.8525"N	80°31'53.9542"W	1088.93	267.337	0.84	
3729.00	29.610	265.070	3462.44	-332.83	-54.53	-1135.13	1770875.94	14651174.76	40°20'26.8161"N	80°31'54.5663"W	1136.44	267.250	0.57	
3825.00	29.940	265.190	3545.77	-345.10	-58.57	-1182.63	1770828.46	14651170.72	40°20'26.7786"N	80°31'55.1800"W	1184.08	267.165	0.35	
3921.00	30.240	265.820	3628.83	-357.79	-62.34	-1230.62	1770780.49	14651166.95	40°20'26.7439"N	80°31'55.7999"W	1232.19	267.100	0.45	
4018.00	29.520	265.130	3712.94	-370.50	-66.15	-1278.79	1770732.34	14651163.14	40°20'26.7087"N	80°31'56.4222"W	1280.50	267.039	0.82	
4115.00	30.610	265.420	3796.89	-383.13	-70.15	-1327.22	1770683.93	14651159.14	40°20'26.6717"N	80°31'57.0479"W	1329.07	266.974	1.13	
4211.00	30.580	264.200	3879.52	-395.44	-74.57	-1375.88	1770635.29	14651154.72	40°20'26.6306"N	80°31'57.6766"W	1377.90	266.898	0.65	
4308.00	30.130	265.080	3963.22	-407.64	-79.16	-1424.68	1770586.51	14651150.15	40°20'26.5879"N	80°31'58.3072"W	1426.88	266.820	0.65	
4404.00	29.780	264.260	4046.40	-419.60	-83.61	-1472.41	1770538.80	14651145.70	40°20'26.5464"N	80°31'58.9238"W	1474.78	266.750	0.56	
4501.00	30.290	265.100	4130.38	-431.73	-88.10	-1520.75	1770490.47	14651141.20	40°20'26.5045"N	80°31'59.5484"W	1523.30	266.684	0.68	
4597.00	29.800	264.340	4213.48	-443.77	-92.53	-1568.61	1770442.63	14651136.78	40°20'26.4633"N	80°32'0.1667"W	1571.33	266.624	0.65	
4694.00	30.570	265.620	4297.32	-456.20	-96.79	-1617.19	1770394.07	14651132.52	40°20'26.4237"N	80°32'0.7944"W	1620.08	266.575	1.03	
4790.00	30.580	266.300	4379.98	-469.44	-100.23	-1665.90	1770345.38	14651129.08	40°20'26.3822"N	80°32'1.4237"W	1668.91	266.557	0.36	
4886.00	29.030	265.750	4463.28	-482.44	-103.53	-1713.50	1770297.80	14651125.78	40°20'26.3621"N	80°32'2.0386"W	1716.62	266.542	1.64	
4983.00	30.200	265.950	4547.60	-495.36	-107.00	-1761.31	1770250.01	14651122.31	40°20'26.3303"N	80°32'2.6562"W	1764.55	266.524	1.21	
5079.00	29.120	266.450	4631.02	-508.43	-110.15	-1808.71	1770202.62	14651119.16	40°20'26.3016"N	80°32'3.2686"W	1812.06	266.515	1.15	
5176.00	29.330	266.280	4715.68	-521.60	-113.15	-1855.97	1770155.38	14651116.16	40°20'26.2744"N	80°32'3.8791"W	1859.42	266.511	0.23	
5272.00	28.400	265.920	4799.75	-534.21	-116.30	-1902.21	1770109.16	14651113.01	40°20'26.2455"N	80°32'4.4764"W	1905.76	266.501	0.99	
5369.00	29.790	264.930	4884.51	-546.65	-120.07	-1949.22	1770062.16	14651109.24	40°20'26.2109"N	80°32'5.0838"W	1952.92	266.475	1.52	
5466.00	29.270	266.050	4968.91	-559.23	-123.83	-1996.88	1770014.52	14651105.48	40°20'26.1762"N	80°32'5.6995"W	2000.72	266.451	0.78	



Southwestern Energy®

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798'

Page 4 of 8

RECEIVED
Office of Oil and Gas

SEP 28 2023

WV Department of
Environmental Protection



REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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]	Comments
5562.00	28.650	252.390	5053.00	-566.52	-132.42	-2042.28	1769969.14	14651096.90	40°20'26.0936"N	80°32'6.2864"W	2046.57	266.290	6.91	
5659.00	28.930	231.210	5138.23	-559.74	-154.21	-2082.84	1769928.60	14651075.12	40°20'25.8804"N	80°32'6.8116"W	2088.54	265.766	10.47	
5755.00	30.300	215.570	5221.81	-538.37	-188.51	-2115.07	1769896.38	14651040.83	40°20'25.5432"N	80°32'7.2302"W	2123.46	264.907	8.16	
5852.00	34.360	202.390	5303.86	-504.11	-233.80	-2139.77	1769871.68	14650995.56	40°20'25.0969"N	80°32'7.5523"W	2152.51	263.764	8.36	
5948.00	39.800	187.640	5380.57	-456.63	-289.45	-2154.22	1769857.25	14650939.93	40°20'24.5477"N	80°32'7.7426"W	2173.58	262.347	10.83	
6045.00	45.910	183.990	5451.66	-397.13	-355.05	-2160.78	1769850.69	14650874.36	40°20'23.8999"N	80°32'7.8317"W	2189.75	260.669	6.80	
6141.00	52.770	175.720	5514.23	-328.60	-427.71	-2160.32	1769851.14	14650801.72	40°20'23.1819"N	80°32'7.8308"W	2202.25	258.801	9.67	
6238.00	59.890	169.720	5568.01	-249.87	-507.65	-2149.93	1769861.53	14650721.81	40°20'22.3913"N	80°32'7.7020"W	2209.05	256.714	8.96	
6334.00	67.460	163.740	5610.58	-164.47	-591.25	-2130.07	1769881.39	14650638.24	40°20'21.5642"N	80°32'7.4511"W	2210.60	254.487	9.66	
6431.00	74.860	159.450	5641.90	-72.78	-678.25	-2101.04	1769910.41	14650551.28	40°20'20.7030"N	80°32'7.0822"W	2207.80	252.109	8.70	
6527.00	80.440	155.340	5662.43	20.83	-764.76	-2064.98	1769946.45	14650464.80	40°20'19.8463"N	80°32'6.6224"W	2202.04	249.678	7.16	
6624.00	84.760	151.590	5674.93	116.31	-850.77	-2022.01	1769989.40	14650378.82	40°20'18.9941"N	80°32'6.0734"W	2193.71	247.181	5.88	
6720.00	88.860	152.010	5680.27	211.11	-935.23	-1976.73	1770034.67	14650294.40	40°20'18.1572"N	80°32'5.4943"W	2186.80	244.680	4.29	
6817.00	88.550	152.920	5682.46	307.19	-1021.22	-1931.90	1770079.48	14650208.44	40°20'17.3052"N	80°32'4.9212"W	2185.20	242.139	0.99	
6913.00	89.290	152.630	5684.27	402.37	-1106.57	-1887.99	1770123.38	14650123.12	40°20'16.4595"N	80°32'4.3600"W	2188.37	239.625	0.83	
7010.00	89.970	153.030	5684.90	498.56	-1192.86	-1843.69	1770167.65	14650036.86	40°20'15.6045"N	80°32'3.7939"W	2195.93	237.097	0.81	
7106.00	89.050	153.190	5685.72	593.82	-1278.48	-1800.28	1770211.05	14649951.28	40°20'14.7562"N	80°32'3.2391"W	2208.05	234.619	0.97	
7203.00	86.860	154.060	5689.18	690.11	-1365.32	-1757.22	1770254.10	14649864.47	40°20'13.8958"N	80°32'2.6889"W	2225.29	232.154	2.43	
7299.00	88.340	152.120	5693.20	785.27	-1450.84	-1713.81	1770297.49	14649778.98	40°20'13.0485"N	80°32'2.1342"W	2245.46	229.750	2.54	
7396.00	89.780	152.980	5694.79	881.39	-1536.91	-1669.10	1770342.18	14649692.95	40°20'12.1957"N	80°32'1.5627"W	2268.92	227.361	1.73	
7492.00	90.650	154.490	5694.43	976.77	-1622.99	-1626.62	1770384.64	14649606.90	40°20'11.3428"N	80°32'1.0200"W	2297.82	225.064	1.82	
7589.00	87.440	153.500	5696.05	1073.17	-1710.15	-1584.10	1770427.14	14649519.78	40°20'10.4794"N	80°32'0.4769"W	2331.09	222.809	3.46	
7685.00	89.970	153.730	5698.22	1168.50	-1796.12	-1541.46	1770469.77	14649433.84	40°20'9.6276"N	80°31'59.9321"W	2366.88	220.637	2.65	
7782.00	89.450	152.990	5698.71	1264.80	-1882.82	-1497.96	1770513.25	14649347.17	40°20'8.7686"N	80°31'59.3764"W	2406.01	218.506	0.93	
7878.00	88.430	152.670	5700.48	1359.99	-1968.21	-1454.13	1770557.06	14649261.81	40°20'7.9225"N	80°31'58.8162"W	2447.11	216.457	1.11	
7975.00	89.600	153.560	5702.15	1456.23	-2054.71	-1410.28	1770600.90	14649175.35	40°20'7.0655"N	80°31'58.2558"W	2492.13	214.464	1.52	
8071.00	89.230	152.600	5703.28	1551.48	-2140.30	-1366.82	1770644.34	14649089.79	40°20'6.2174"N	80°31'57.7005"W	2539.50	212.563	1.07	
8167.00	90.590	153.060	5703.13	1646.68	-2225.71	-1322.28	1770688.16	14649004.41	40°20'5.3712"N	80°31'57.1402"W	2589.22	210.728	1.50	
8264.00	89.600	153.330	5703.12	1742.95	-2312.28	-1279.24	1770731.89	14648917.87	40°20'4.5134"N	80°31'56.5813"W	2642.56	208.953	1.06	
8360.00	88.610	152.580	5704.62	1838.16	-2397.77	-1235.60	1770775.52	14648832.41	40°20'3.6663"N	80°31'56.0236"W	2697.41	207.263	1.29	

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798'

Page 5 of 8

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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]	Comments
8457.00	89.480	153.020	5706.24	1934.34	-2484.03	-1191.26	1770819.83	14648746.19	40°20'2.8116"N	80°31'55.4570"W	2754.91	205.621	1.01	
8554.00	88.860	149.070	5707.64	2030.07	-2568.88	-1144.32	1770866.76	14648861.37	40°20'1.9707"N	80°31'54.8567"W	2812.23	204.011	4.12	
8650.00	88.310	153.970	5710.01	2124.90	-2653.21	-1098.57	1770912.49	14648577.07	40°20'1.1350"N	80°31'54.2717"W	2871.65	202.492	5.13	
8747.00	88.250	151.720	5712.93	2221.05	-2739.48	-1054.32	1770956.72	14648490.84	40°20'0.2803"N	80°31'53.7062"W	2935.36	201.050	2.32	
8843.00	89.910	156.980	5714.47	2316.50	-2825.97	-1012.79	1770998.24	14648404.38	40°19'59.4234"N	80°31'53.1758"W	3001.97	199.717	5.74	
8940.00	87.940	152.510	5716.29	2413.01	-2913.66	-971.42	1771039.59	14648316.73	40°19'58.5547"N	80°31'52.6477"W	3071.33	198.439	5.03	
9037.00	89.140	151.100	5718.76	2508.93	-2999.12	-925.61	1771085.38	14648231.30	40°19'57.7079"N	80°31'52.0620"W	3138.70	197.152	1.91	
9133.00	89.970	153.940	5719.51	2604.05	-3084.27	-881.32	1771129.66	14648146.17	40°19'56.8641"N	80°31'51.4959"W	3207.72	195.947	3.08	
9230.00	89.320	154.550	5720.11	2700.52	-3171.64	-839.17	1771171.79	14648058.85	40°19'55.9986"N	80°31'50.9577"W	3280.77	194.820	0.92	
9326.00	87.810	151.260	5722.51	2795.70	-3257.06	-795.47	1771215.48	14647973.46	40°19'55.1522"N	80°31'50.3992"W	3352.79	193.725	3.77	
9423.00	90.060	153.050	5724.31	2891.71	-3342.80	-750.17	1771260.75	14647887.74	40°19'54.3025"N	80°31'49.8202"W	3425.95	192.648	2.96	
9520.00	88.740	154.990	5725.33	2988.13	-3429.99	-707.69	1771303.22	14647800.59	40°19'53.4387"N	80°31'49.2776"W	3502.24	191.658	2.42	
9616.00	88.650	149.690	5727.52	3083.16	-3514.97	-663.15	1771347.74	14647715.65	40°19'52.5967"N	80°31'48.7084"W	3576.98	190.684	5.52	
9713.00	88.980	155.180	5729.53	3179.21	-3600.91	-618.29	1771392.59	14647629.74	40°19'51.7451"N	80°31'48.1350"W	3653.60	189.743	5.67	
9809.00	88.580	153.400	5731.57	3274.67	-3687.38	-576.65	1771434.21	14647543.30	40°19'50.8885"N	80°31'47.6033"W	3732.20	188.888	1.90	
9906.00	89.910	153.860	5732.85	3371.02	-3774.28	-533.58	1771477.27	14647456.44	40°19'50.0275"N	80°31'47.0531"W	3811.80	188.047	1.45	
10003.00	90.740	154.430	5732.30	3467.47	-3861.56	-491.28	1771519.55	14647369.18	40°19'49.1627"N	80°31'46.5129"W	3892.69	187.250	1.04	
10100.00	88.800	152.990	5732.69	3563.84	-3948.52	-448.32	1771562.49	14647282.26	40°19'48.3012"N	80°31'45.9642"W	3973.89	186.478	2.49	
10196.00	89.480	152.260	5734.13	3658.99	-4033.76	-404.18	1771606.61	14647197.05	40°19'47.4566"N	80°31'45.4001"W	4053.96	185.722	1.04	
10293.00	90.520	154.460	5734.13	3755.29	-4120.46	-360.69	1771650.09	14647110.39	40°19'46.5976"N	80°31'44.8446"W	4136.21	185.003	2.51	
10390.00	87.320	152.650	5735.96	3851.60	-4207.28	-317.51	1771693.25	14647023.60	40°19'45.7374"N	80°31'44.2930"W	4219.24	184.316	3.79	
10486.00	89.510	153.180	5738.61	3946.77	-4292.71	-273.82	1771736.93	14646938.20	40°19'44.8909"N	80°31'43.7347"W	4301.44	183.650	2.35	
10583.00	87.910	152.470	5740.80	4042.94	-4378.98	-229.53	1771781.20	14646851.96	40°19'44.0361"N	80°31'43.1688"W	4384.99	183.000	1.80	
10680.00	89.910	155.720	5742.64	4139.35	-4466.20	-187.17	1771823.54	14646764.78	40°19'43.1720"N	80°31'42.6279"W	4470.12	182.400	3.93	
10776.00	89.110	153.620	5743.46	4234.89	-4552.96	-146.10	1771864.59	14646678.05	40°19'42.3125"N	80°31'42.1036"W	4555.31	181.838	2.34	
10873.00	88.860	153.650	5745.18	4331.24	-4639.86	-103.03	1771907.65	14646591.18	40°19'41.4515"N	80°31'41.5535"W	4641.00	181.272	0.26	
10969.00	89.080	154.330	5746.91	4426.63	-4726.12	-60.94	1771949.72	14646504.95	40°19'40.5969"N	80°31'41.0159"W	4726.51	180.739	0.74	
11065.00	90.090	154.200	5747.60	4522.13	-4812.60	-19.26	1771991.39	14646418.51	40°19'39.7402"N	80°31'40.4837"W	4812.63	180.229	1.06	
11162.00	88.460	154.200	5748.83	4618.59	-4899.92	22.95	1772033.59	14646331.23	40°19'38.8751"N	80°31'39.9447"W	4899.97	179.732	1.68	
11258.00	88.150	152.970	5751.67	4713.90	-4985.86	65.64	1772076.26	14646245.32	40°19'38.0236"N	80°31'39.3995"W	4986.29	179.246	1.32	



Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798

Page 6 of 8

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection



REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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/100ft]	Comments
11355.00	90.340	155.320	5752.95	4810.33	-5073.13	107.93	1772118.53	14646158.08	40°19'37.1590"N	80°31'38.8594"W	5074.27	178.781	3.31	
11451.00	90.250	151.190	5752.45	4905.60	-5158.84	151.13	1772161.71	14646072.40	40°19'36.3098"N	80°31'38.3077"W	5161.05	178.322	4.30	
11548.00	89.540	153.660	5752.63	5001.70	-5244.81	196.02	1772206.59	14645986.46	40°19'35.4578"N	80°31'37.7339"W	5248.47	177.860	2.65	
11644.00	89.050	153.560	5753.81	5097.05	-5330.80	238.69	1772249.24	14645900.51	40°19'34.6059"N	80°31'37.1890"W	5336.14	177.436	0.52	
11741.00	89.290	153.790	5755.22	5193.41	-5417.73	281.70	1772292.23	14645813.61	40°19'33.7446"N	80°31'36.6397"W	5425.05	177.024	0.34	
11837.00	88.860	154.070	5756.77	5288.82	-5503.95	323.89	1772334.40	14645727.42	40°19'32.8904"N	80°31'36.1010"W	5513.47	176.632	0.53	
11934.00	89.260	153.750	5759.36	5385.22	-5591.06	366.54	1772377.04	14645640.35	40°19'32.0274"N	80°31'35.5563"W	5603.06	176.249	0.53	
12030.00	89.140	153.070	5759.70	5480.50	-5676.89	409.50	1772419.99	14645554.55	40°19'31.1769"N	80°31'35.0075"W	5691.64	175.874	0.72	
12126.00	88.890	153.690	5761.35	5575.83	-5762.70	452.51	1772462.98	14645468.77	40°19'30.3267"N	80°31'34.4582"W	5780.44	175.510	0.70	
12223.00	88.770	153.160	5763.33	5672.13	-5849.44	495.90	1772506.35	14645382.07	40°19'29.4673"N	80°31'33.9040"W	5870.42	175.154	0.56	
12319.00	88.950	152.630	5765.24	5767.33	-5934.88	539.63	1772550.06	14645296.66	40°19'28.6207"N	80°31'33.3453"W	5959.36	174.805	0.58	
12416.00	89.350	154.180	5766.68	5863.63	-6021.60	583.05	1772593.47	14645209.97	40°19'27.7614"N	80°31'32.7907"W	6049.76	174.470	1.65	
12512.00	88.950	154.760	5768.10	5959.14	-6108.22	624.42	1772634.82	14645123.39	40°19'26.9033"N	80°31'32.2626"W	6140.05	174.163	0.73	
12609.00	89.450	153.890	5769.46	6055.61	-6195.63	666.44	1772676.83	14645036.01	40°19'26.0373"N	80°31'31.7261"W	6231.37	173.861	1.03	
12705.00	89.780	153.890	5770.10	6151.02	-6281.83	708.69	1772719.06	14644949.84	40°19'25.1833"N	80°31'31.1866"W	6321.68	173.563	0.34	
12802.00	89.750	155.310	5770.50	6247.55	-6369.45	750.29	1772760.65	14644862.25	40°19'24.3152"N	80°31'30.6556"W	6413.49	173.282	1.46	
12899.00	89.080	156.610	5771.49	6344.28	-6458.03	789.81	1772800.14	14644773.71	40°19'23.4378"N	80°31'30.1516"W	6506.15	173.027	1.51	
12995.00	89.320	158.850	5772.83	6440.17	-6546.86	826.18	1772836.51	14644684.92	40°19'22.5582"N	80°31'29.6881"W	6598.78	172.808	2.35	
13092.00	89.480	161.190	5773.85	6537.16	-6638.01	869.32	1772869.63	14644593.80	40°19'21.6557"N	80°31'29.2666"W	6693.40	172.624	2.42	
13188.00	89.630	161.090	5774.59	6633.15	-6728.85	890.35	1772900.65	14644502.99	40°19'20.7564"N	80°31'28.8722"W	6787.87	172.462	0.19	
13285.00	88.860	159.130	5775.87	6730.13	-6820.05	923.35	1772933.64	14644411.83	40°19'19.8534"N	80°31'28.4525"W	6882.27	172.290	2.17	
13382.00	89.450	159.400	5777.30	6827.11	-6910.76	957.69	1772967.96	14644321.15	40°19'18.9553"N	80°31'28.0155"W	6976.80	172.110	0.67	
13478.00	89.780	160.220	5777.95	6923.10	-7000.86	990.82	1773001.08	14644231.09	40°19'18.0632"N	80°31'27.5940"W	7070.62	171.945	0.92	
13575.00	89.380	159.620	5778.66	7020.10	-7091.96	1024.12	1773034.37	14644140.02	40°19'17.1612"N	80°31'27.1704"W	7165.52	171.783	0.74	
13672.00	89.380	159.380	5779.71	7117.08	-7182.81	1058.09	1773068.32	14644049.21	40°19'16.2616"N	80°31'26.7382"W	7260.32	171.620	0.25	
13768.00	89.660	160.710	5780.51	7213.08	-7273.04	1090.85	1773101.07	14643959.01	40°19'15.3683"N	80°31'26.3215"W	7354.39	171.470	1.42	
13865.00	89.410	160.910	5781.30	7310.07	-7364.65	1122.73	1773132.94	14643867.44	40°19'14.4613"N	80°31'25.9162"W	7449.73	171.332	0.33	
13961.00	89.350	160.920	5782.34	7406.06	-7455.36	1154.12	1773164.32	14643776.75	40°19'13.5632"N	80°31'25.5173"W	7544.17	171.200	0.06	
14058.00	89.570	160.660	5783.25	7503.05	-7546.96	1186.04	1773196.22	14643685.19	40°19'12.6564"N	80°31'25.1117"W	7639.59	171.069	0.35	
14154.00	88.770	159.350	5784.64	7599.03	-7637.16	1218.86	1773229.03	14643595.03	40°19'11.7634"N	80°31'24.6942"W	7733.81	170.932	1.60	



Southwestern Energy®

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798'

Page 7 of 8

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection



REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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]	Comments
14251.00	88.270	157.900	5787.15	7695.96	-7727.46	1254.20	1773264.36	14643504.77	40°19'10.8692"N	80°31'24.2442"W	7828.57	170.781	1.58	
14348.00	89.170	160.000	5789.31	7792.91	-7817.95	1289.03	1773299.17	14643414.30	40°19'9.9731"N	80°31'23.8009"W	7923.51	170.637	2.35	
14444.00	89.570	161.010	5790.37	7888.90	-7908.44	1321.06	1773331.20	14643323.85	40°19'9.0772"N	80°31'23.3936"W	8018.02	170.517	1.13	
14541.00	90.340	160.880	5790.45	7985.89	-8000.13	1352.73	1773362.85	14643232.20	40°19'8.1695"N	80°31'22.9912"W	8113.69	170.403	0.81	
14637.00	89.450	160.900	5790.62	8081.88	-8090.84	1384.16	1773394.27	14643141.53	40°19'7.2715"N	80°31'22.5917"W	8208.38	170.292	0.93	
14734.00	89.420	160.810	5791.58	8178.87	-8182.47	1415.97	1773426.07	14643049.93	40°19'6.3643"N	80°31'22.1874"W	8304.08	170.182	0.10	
14831.00	89.450	160.660	5792.53	8275.86	-8274.03	1447.97	1773458.06	14642958.40	40°19'5.4578"N	80°31'21.7807"W	8399.77	170.074	0.16	
14927.00	89.350	160.690	5793.54	8371.85	-8364.62	1479.74	1773489.81	14642867.85	40°19'4.5610"N	80°31'21.3769"W	8494.49	169.968	0.11	
15023.00	89.450	161.020	5794.55	8467.84	-8455.30	1511.22	1773521.28	14642777.20	40°19'3.6632"N	80°31'20.9768"W	8589.29	169.866	0.36	
15120.00	89.480	160.780	5795.45	8564.83	-8546.96	1542.96	1773553.01	14642685.58	40°19'2.7558"N	80°31'20.5734"W	8685.11	169.767	0.25	
15216.00	89.450	160.870	5796.35	8660.82	-8637.63	1574.49	1773584.53	14642594.94	40°19'1.8582"N	80°31'20.1727"W	8779.96	169.669	0.10	
15313.00	89.570	160.560	5797.18	8757.81	-8729.18	1606.52	1773616.55	14642503.42	40°19'0.9518"N	80°31'19.7655"W	8875.78	169.572	0.34	
15409.00	89.480	160.640	5797.97	8853.81	-8819.73	1638.41	1773648.42	14642412.91	40°19'0.0553"N	80°31'19.3602"W	8970.62	169.476	0.13	
15506.00	89.510	160.480	5798.83	8950.80	-8911.19	1670.69	1773680.69	14642321.48	40°18'59.1498"N	80°31'18.9498"W	9066.45	169.381	0.17	
15602.00	89.420	160.970	5799.72	9046.79	-9001.81	1702.38	1773712.37	14642230.90	40°18'58.2526"N	80°31'18.5471"W	9161.37	169.291	0.52	
15699.00	89.450	160.710	5800.68	9143.78	-9093.43	1734.22	1773744.19	14642139.31	40°18'57.3456"N	80°31'18.1425"W	9257.32	169.203	0.27	
15795.00	89.290	160.600	5801.74	9239.78	-9184.01	1766.01	1773775.98	14642048.77	40°18'56.4488"N	80°31'17.7383"W	9352.26	169.115	0.20	
15892.00	89.230	160.540	5802.99	9336.77	-9275.47	1798.28	1773808.23	14641957.34	40°18'55.5433"N	80°31'17.3282"W	9448.19	169.028	0.09	
15988.00	89.290	160.560	5804.23	9432.76	-9365.99	1830.24	1773840.18	14641866.86	40°18'54.6471"N	80°31'16.9219"W	9543.14	168.943	0.07	
16085.00	88.610	160.730	5806.01	9529.74	-9457.49	1862.39	1773872.31	14641775.39	40°18'53.7412"N	80°31'16.5134"W	9639.12	168.860	0.72	
16182.00	89.380	160.690	5807.71	9626.72	-9549.03	1894.42	1773904.34	14641683.89	40°18'52.8350"N	80°31'16.1062"W	9735.13	168.779	0.79	
16278.00	86.760	161.200	5810.94	9722.65	-9639.71	1925.75	1773935.65	14641593.25	40°18'51.9372"N	80°31'15.7082"W	9830.18	168.703	2.78	
16375.00	88.370	160.240	5815.06	9819.55	-9731.18	1957.74	1773967.64	14641501.81	40°18'51.0316"N	80°31'15.3015"W	9926.16	168.625	1.93	
16472.00	88.280	160.120	5817.90	9916.51	-9822.40	1990.62	1774000.50	14641410.63	40°18'50.1285"N	80°31'14.8835"W	10022.08	168.544	0.15	
16568.00	87.510	162.440	5821.42	10012.42	-9913.25	2021.41	1774031.27	14641319.81	40°18'49.2291"N	80°31'14.4924"W	10117.24	168.475	2.54	
16665.00	91.260	164.220	5822.46	10109.25	-10006.15	2049.22	1774059.08	14641226.95	40°18'48.3096"N	80°31'14.1398"W	10213.83	168.426	4.28	
16761.00	87.290	161.640	5823.68	10205.11	-10097.89	2077.39	1774087.24	14641135.24	40°18'47.4016"N	80°31'13.7826"W	10309.36	168.375	4.93	
16858.00	89.260	162.230	5826.60	10302.02	-10190.06	2107.46	1774117.29	14641043.11	40°18'46.4892"N	80°31'13.4010"W	10405.70	168.315	2.12	
16954.00	87.970	162.810	5828.92	10397.91	-10281.60	2136.28	1774146.11	14640951.60	40°18'45.5831"N	80°31'13.0353"W	10501.19	168.262	1.47	
17051.00	87.660	162.940	5832.62	10494.73	-10374.23	2164.82	1774174.64	14640859.01	40°18'44.6662"N	80°31'12.6733"W	10597.69	168.213	0.35	

Actual Wellpath Report

State of WV DNR B BRK 206H awp Proj: 19798'

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection

REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	State of WV DNR B BRK 206H
Field	Brooke	API	47009003310000
Facility	State of WV DNR B BRK Pad	Wellbore	State of WV DNR B BRK 206H AWB
Slot	206H		

WELLPATH DATA (209 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 [1/100ft]	Comments
17148.00	88.860	165.070	5835.56	10591.47	-10467.42	2191.54	1774201.34	14640765.85	40°18'43.7438"N	80°31'12.3350"W	10694.38	168.175	2.52	
17244.00	89.420	166.770	5837.00	10686.98	-10560.52	2214.89	1774224.68	14640672.78	40°18'42.8226"N	80°31'12.0401"W	10790.29	168.155	1.86	
17341.00	89.450	169.050	5837.96	10783.10	-10655.36	2235.20	1774244.99	14640577.98	40°18'41.8844"N	80°31'11.7845"W	10887.28	168.153	2.35	
17437.00	89.940	171.260	5838.47	10877.65	-10749.94	2251.62	1774261.40	14640483.44	40°18'40.9489"N	80°31'11.5793"W	10983.21	168.170	2.36	
17534.00	90.030	173.990	5838.50	10972.38	-10846.13	2264.07	1774273.84	14640387.29	40°18'39.9977"N	80°31'11.4253"W	11079.91	168.209	2.82	
17630.00	89.820	176.840	5838.62	11065.01	-10941.81	2271.74	1774281.51	14640291.64	40°18'39.0518"N	80°31'11.3329"W	11175.15	168.271	2.98	
17727.00	89.450	177.660	5839.24	11157.75	-11038.70	2276.39	1774286.16	14640194.79	40°18'38.0942"N	80°31'11.2796"W	11270.97	168.348	0.93	
17823.00	88.710	176.810	5840.78	11249.54	-11134.57	2281.02	1774290.79	14640098.95	40°18'37.1465"N	80°31'11.2266"W	11365.81	168.423	1.17	
17920.00	89.080	177.580	5842.65	11342.30	-11231.44	2285.77	1774295.54	14640002.13	40°18'36.1891"N	80°31'11.1721"W	11461.67	168.497	0.88	
18016.00	89.630	179.600	5843.73	11433.39	-11327.40	2288.13	1774297.90	14639906.20	40°18'35.2407"N	80°31'11.1483"W	11556.19	168.580	2.18	
18112.00	88.520	179.220	5845.28	11524.04	-11423.38	2289.12	1774298.88	14639810.26	40°18'34.2922"N	80°31'11.1423"W	11650.48	168.669	1.22	
18209.00	89.630	178.640	5846.85	11615.90	-11520.34	2290.93	1774300.70	14639713.33	40°18'33.3339"N	80°31'11.1257"W	11745.92	168.753	1.29	
18305.00	90.150	180.030	5847.03	11706.61	-11616.34	2292.05	1774301.81	14639617.37	40°18'32.3853"N	80°31'11.1180"W	11840.30	168.838	1.55	
18402.00	89.880	179.810	5847.01	11797.93	-11713.33	2292.18	1774301.94	14639520.41	40°18'31.4268"N	80°31'11.1231"W	11935.51	168.928	0.36	
18499.00	89.970	180.150	5847.14	11889.22	-11810.33	2292.21	1774301.98	14639423.45	40°18'30.4683"N	80°31'11.1294"W	12030.72	169.016	0.36	
18596.00	89.350	179.990	5847.71	11980.45	-11907.33	2292.10	1774301.86	14639326.49	40°18'29.5098"N	80°31'11.1378"W	12125.93	169.104	0.66	
18692.00	89.050	178.260	5849.05	12071.26	-12003.31	2293.56	1774303.33	14639230.55	40°18'28.5613"N	80°31'11.1256"W	12220.47	169.182	1.83	
18789.00	89.450	178.640	5850.32	12163.39	-12100.23	2296.19	1774305.95	14639133.63	40°18'27.6031"N	80°31'11.0985"W	12316.20	169.255	0.57	
18885.00	89.380	178.410	5851.30	12254.52	-12196.23	2298.66	1774308.42	14639037.70	40°18'26.6547"N	80°31'11.0733"W	12410.95	169.327	0.25	
18981.00	89.140	178.770	5852.54	12345.62	-12292.19	2301.02	1774310.78	14638941.78	40°18'25.7063"N	80°31'11.0495"W	12505.70	169.397	0.45	
19078.00	89.230	178.830	5853.92	12437.56	-12389.16	2303.05	1774312.81	14638844.85	40°18'24.7480"N	80°31'11.0301"W	12601.40	169.469	0.11	
19174.00	89.350	178.760	5855.11	12528.55	-12485.13	2305.07	1774314.83	14638748.91	40°18'23.7995"N	80°31'11.0108"W	12696.13	169.540	0.14	
19271.00	88.640	178.150	5856.81	12620.66	-12582.08	2307.68	1774317.44	14638652.00	40°18'22.8413"N	80°31'10.9838"W	12791.95	169.607	0.96	
19368.00	89.820	178.840	5858.12	12712.76	-12679.03	2310.23	1774319.99	14638555.08	40°18'21.8831"N	80°31'10.9577"W	12887.79	169.673	1.41	
19464.00	89.600	178.440	5858.60	12803.84	-12775.01	2312.51	1774322.26	14638459.15	40°18'20.9347"N	80°31'10.9360"W	12982.62	169.740	0.48	
19560.00	89.910	179.180	5859.01	12894.83	-12870.98	2314.50	1774324.26	14638363.21	40°18'19.9861"N	80°31'10.9160"W	13077.43	169.806	0.84	
19657.00	89.780	178.440	5859.27	12986.77	-12967.96	2316.52	1774326.27	14638266.26	40°18'19.0277"N	80°31'10.8968"W	13173.24	169.872	0.77	
19753.00	90.030	178.820	5859.43	13077.86	-13063.93	2318.81	1774328.57	14638170.33	40°18'18.0792"N	80°31'10.8739"W	13268.13	169.935	0.47	
19798.00	90.030	178.820	5859.41	13120.51	-13108.92	2319.74	1774329.49	14638125.36	40°18'17.6346"N	80°31'10.8651"W	13312.59	169.965	0.00	

HOLE & CASING SECTIONS - Ref Wellbore: State of WV DNR B BRK 206H AWB				Ref Wellpath: State of WV DNR B BRK 206H awp Proj: 19798'					
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.375in Casing	26.00	646.00	620.00	26.00	646.00	0.00	0.00	-0.16	0.22
9.625in Casing	26.00	1500.00	1474.00	26.00	1483.28	0.00	0.00	34.87	-127.84

TARGETS									
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape	
State of WV DNR B BRK 206H LP Rev 7	5669.00	-828.54	-2055.75	1769955.67	14650401.05	40°20'19.2156"N	80°32'6.5076"W	point	
State of WV DNR B 5841 TVD at 17750md	5841.00	-11002.90	2312.38	1774322.14	14640230.58	40°18'38.4460"N	80°31'10.8126"W	point	
State of WV DNR B BRK 206HL BHL Rev 5	5845.00	-13097.06	2354.42	1774364.16	14638137.22	40°18'17.7500"N	80°31'10.4166"W	point	
State of WV DNR B 5847 TVD at 18350md	5847.00	-11602.69	2326.16	1774335.91	14639631.02	40°18'32.5183"N	80°31'10.6767"W	point	

WELLPATH COMPOSITION - Ref Wellbore: State of WV DNR B BRK 206H AWB				Ref Wellpath: State of WV DNR B BRK 206H awp Proj: 19798'			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date		
26.00	590.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	1. Tally OWSG MWD IFR MSA 194' - 590'	State of WV DNR B BRK 206H AWB	5/16/2023		
590.00	1430.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	2. Tally OWSG MWD IFR 683' - 1430'	State of WV DNR B BRK 206H AWB	5/16/2023		
1430.00	19798.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	3 BH ATC MWD IFR-MSA 1535' - 19798'	State of WV DNR B BRK 206H AWB	5/8/2023		

RECEIVED
Office of Oil and Gas
SEP 28 2023
WV Department of
Environmental Protection