

Location: Wetzel County, WV  
Field: Wetzel  
Facility: Constance Taylor WTZ Pad

Slot: 206H  
Well: Constance Taylor WTZ 206H  
Wellbore: Constance Taylor WTZ 206H AWB

Plot reference wellpath is Constance Taylor WTZ 206H awp Proj: 22809'	Grid System: NAD83 / UTM Zone 17 North, US feet
True vertical depths are referenced to SDC 40 (KB)	* = Wellpath was transformed from a different geodetic datum
Reference wellpath measured depths are referenced to SDC 40 (KB)	North Reference: Grid north
SDC 40 (KB) to Mean Sea Level: 1456.2 feet	Scale: True distance
Mean Sea Level to Ground level (At Slot: 206H): -1430.2 feet	Coordinates are in feet referenced to Slot
Offset wellpath MDs are referenced to each path's default MD datum	Depths are in feet
	Created by: tranlam on 2024-01-25; Database: WA_MPL_EASTERNUS_Defn

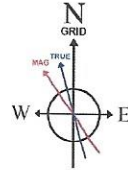
### Bottom Hole Location

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
22809.00	90.030	142.680	7534.54	-11640.31	9086.06	1739790.00	14389453.70	39°37'20.8376"N	80°38'49.5460"W

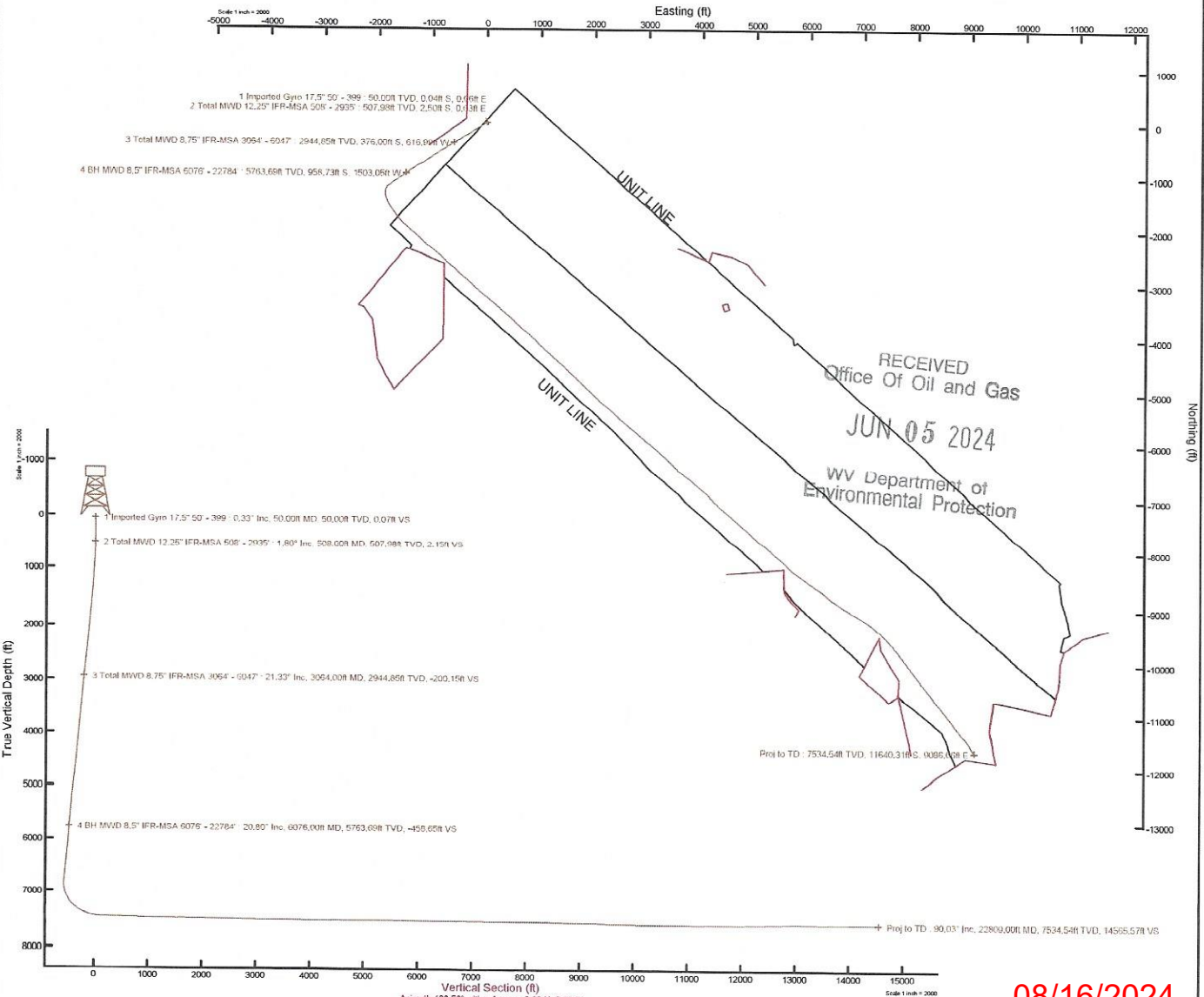
### Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Constance Taylor WTZ Pad			1730676.583	14401131.208	39°39'16.6280"N	80°40'45.5230"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
206H	-41.78	30.94	1730707.510	14401089.440	39°39'16.2140"N	80°40'45.1293"W
SDC 40 (KB) to Ground level (At Slot: 206H)						26ft
Mean Sea Level to Ground level (At Slot: 206H)						-1430.2ft
SDC 40 (KB) to Mean Sea Level						1456.2ft

API: 4710303610000  
BH JOB: 112077226  
DURATION: 1/17/2024 - 1/22/2024  
RIG: SDC 40



User specified Dip: 66.34° Field: 51505 nT  
Magnetic North is 8.31 degrees West of True North (at 1/13/2024)  
Grid North is 0.20 degrees East of True North  
To correct azimuth from True to Grid subtract 0.20 degrees  
To correct azimuth from Magnetic to Grid subtract 8.51 degrees



08/16/2024

Office  
 JUN 2024  
 Department of  
 Environment  
 and  
 Gas  
 Protection

REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 206H
Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 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	0.999609	Report Generated	1/25/2024 at 10:33:16 AM
Convergence at slot	0.20° East	Database	WA_MPL_EASTERNUS_Defn

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-41.78	30.94	1730707.51	14401089.44	39°39'16.2140"N	80°40'45.1293"W
Facility Reference Pt			1730676.58	14401131.21	39°39'16.6280"N	80°40'45.5230"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	1456.20ft
Horizontal Reference Pt	Slot	SDC 40 (KB) to Mean Sea Level	1456.20ft
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	132.56°



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Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

**WELLPATH DATA (245 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	121.410	0.00	0.00	0.00	0.00	1730707.51	14401089.44	39°39'16.2140"N	80°40'45.1293"W	0.00	0.000	0.00	
26.00	0.000	121.410	26.00	0.00	0.00	0.00	1730707.51	14401089.44	39°39'16.2140"N	80°40'45.1293"W	0.00	0.000	0.00	
50.00	0.330	121.410	50.00	0.07	-0.04	0.06	1730707.57	14401089.40	39°39'16.2136"N	80°40'45.1286"W	0.07	121.410	1.38	
100.00	0.290	132.060	100.00	0.34	-0.20	0.28	1730707.79	14401089.24	39°39'16.2120"N	80°40'45.1258"W	0.34	125.374	0.14	
150.00	0.330	125.250	150.00	0.60	-0.36	0.49	1730708.00	14401089.08	39°39'16.2103"N	80°40'45.1231"W	0.61	126.733	0.11	
200.00	0.330	119.860	200.00	0.89	-0.52	0.73	1730708.24	14401088.92	39°39'16.2088"N	80°40'45.1200"W	0.90	125.392	0.06	
250.00	0.220	116.330	250.00	1.12	-0.63	0.94	1730708.45	14401088.81	39°39'16.2077"N	80°40'45.1173"W	1.13	123.926	0.22	
300.00	0.250	116.810	300.00	1.32	-0.72	1.12	1730708.63	14401088.72	39°39'16.2068"N	80°40'45.1150"W	1.34	122.803	0.06	
350.00	0.380	140.910	350.00	1.59	-0.90	1.33	1730708.84	14401088.54	39°39'16.2050"N	80°40'45.1124"W	1.60	124.237	0.37	
399.00	0.480	126.570	398.99	1.95	-1.15	1.59	1730709.10	14401088.29	39°39'16.2025"N	80°40'45.1090"W	1.97	125.840	0.30	
508.00	1.800	231.040	507.98	2.15	-2.50	0.63	1730708.14	14401086.94	39°39'16.1892"N	80°40'45.1214"W	2.58	165.879	1.81	
599.00	3.310	251.550	598.89	0.67	-4.23	-2.97	1730704.54	14401085.21	39°39'16.1723"N	80°40'45.1676"W	5.17	215.121	1.91	
689.00	4.280	256.670	688.69	-2.47	-5.83	-8.71	1730698.81	14401083.62	39°39'16.1567"N	80°40'45.2409"W	10.48	236.214	1.14	
780.00	5.690	253.240	779.34	-6.68	-7.91	-16.33	1730691.18	14401081.53	39°39'16.1364"N	80°40'45.3385"W	18.15	244.157	1.58	
872.00	8.130	246.920	870.67	-11.69	-11.78	-26.69	1730680.84	14401077.67	39°39'16.0985"N	80°40'45.4711"W	29.17	246.188	2.77	
962.00	10.250	242.080	959.51	-16.99	-18.02	-39.62	1730667.91	14401071.43	39°39'16.0373"N	80°40'45.6367"W	43.52	245.540	2.51	
1053.00	11.140	237.730	1048.93	-22.00	-26.51	-54.20	1730653.33	14401062.94	39°39'15.9539"N	80°40'45.8236"W	60.34	243.941	1.32	
1144.00	11.290	235.790	1138.19	-26.34	-36.21	-69.00	1730638.53	14401053.25	39°39'15.8586"N	80°40'46.0132"W	77.93	242.313	0.45	
1235.00	13.250	235.710	1227.11	-30.75	-47.09	-84.99	1730622.56	14401042.37	39°39'15.7515"N	80°40'46.2181"W	97.16	241.009	2.15	
1325.00	16.180	236.370	1314.15	-36.09	-59.85	-103.95	1730603.60	14401029.61	39°39'15.6261"N	80°40'46.4612"W	119.95	240.069	3.26	
1416.00	18.690	238.400	1400.96	-43.10	-74.51	-126.93	1730580.63	14401014.95	39°39'15.4820"N	80°40'46.7556"W	147.19	239.585	2.84	
1506.00	21.170	238.980	1485.56	-51.63	-90.45	-153.15	1730554.42	14400999.03	39°39'15.3255"N	80°40'47.0915"W	177.86	239.434	2.76	
1597.00	22.630	238.000	1569.99	-60.93	-108.19	-182.08	1730525.50	14400981.29	39°39'15.1511"N	80°40'47.4622"W	211.80	239.280	1.65	
1687.00	22.790	237.850	1653.02	-70.14	-126.65	-211.52	1730496.07	14400962.84	39°39'14.9698"N	80°40'47.8395"W	246.54	239.089	0.19	
1778.00	20.280	236.830	1737.66	-78.68	-144.66	-239.65	1730467.96	14400944.84	39°39'14.7928"N	80°40'48.1999"W	279.92	238.884	2.79	
1868.00	17.510	238.310	1822.80	-86.20	-160.31	-264.23	1730443.39	14400929.20	39°39'14.6390"N	80°40'48.5149"W	309.05	238.755	3.12	
1959.00	18.640	239.630	1909.31	-94.18	-174.85	-288.42	1730419.20	14400914.66	39°39'14.4961"N	80°40'48.8249"W	337.29	238.775	1.32	
2050.00	19.450	238.940	1995.33	-102.72	-190.02	-313.95	1730393.68	14400899.50	39°39'14.3471"N	80°40'49.1520"W	366.98	238.816	0.92	
2142.00	19.400	236.260	2082.09	-110.66	-206.41	-339.78	1730367.86	14400883.11	39°39'14.1860"N	80°40'49.4829"W	397.56	238.722	0.97	
2232.00	20.420	236.370	2166.71	-117.95	-223.41	-365.28	1730342.37	14400866.12	39°39'14.0189"N	80°40'49.8098"W	428.18	238.550	1.13	



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Field	Wetzel	API	47103036100000
Facility	Constance Taylor WZ Pad	Wellbore	Constance Taylor WZ 206HAWB
Slot	206H		

**WELLPATH DATA (245 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
2324.00	20.760	238.880	2252.83	-126.36	-240.72	-392.60	1730315.06	14400848.81	39°39'13.8488"N	80°40'50.1599"W	460.53	238.486	1.03	
2415.00	20.100	238.980	2338.11	-135.32	-257.12	-419.81	1730287.86	14400832.42	39°39'13.6877"N	80°40'50.5085"W	492.29	238.514	0.73	
2505.00	19.650	238.060	2422.75	-143.73	-273.09	-445.91	1730261.78	14400816.46	39°39'13.5307"N	80°40'50.8428"W	522.89	238.515	0.61	
2596.00	20.440	237.780	2508.24	-151.99	-289.66	-472.33	1730235.36	14400799.90	39°39'13.3679"N	80°40'51.1814"W	554.08	238.481	0.87	
2688.00	20.830	238.700	2594.33	-160.76	-306.72	-499.90	1730207.81	14400782.84	39°39'13.2003"N	80°40'51.5347"W	586.50	238.468	0.55	
2776.00	21.410	239.010	2676.42	-169.65	-323.12	-527.04	1730180.68	14400766.45	39°39'13.0392"N	80°40'51.8824"W	618.20	238.488	0.67	
2865.00	21.140	239.820	2759.36	-179.02	-339.55	-554.84	1730152.89	14400750.02	39°39'12.8777"N	80°40'52.2386"W	650.49	238.534	0.45	
2935.00	21.200	240.370	2824.63	-186.63	-352.16	-576.75	1730130.98	14400737.42	39°39'12.7540"N	80°40'52.5193"W	675.76	238.592	0.30	
3065.00	21.330	238.320	2945.78	-200.24	-376.19	-617.30	1730090.45	14400713.39	39°39'12.5178"N	80°40'53.0389"W	722.90	238.641	0.58	
3157.00	20.890	237.250	3031.61	-208.95	-393.85	-645.34	1730062.43	14400695.74	39°39'12.3443"N	80°40'53.3981"W	756.03	238.604	0.64	
3249.00	20.000	235.100	3117.82	-216.52	-411.73	-672.04	1730035.74	14400677.87	39°39'12.1685"N	80°40'53.7402"W	788.13	238.506	1.27	
3341.00	20.240	233.890	3204.20	-223.07	-430.11	-697.80	1730009.99	14400659.50	39°39'11.9878"N	80°40'54.0704"W	819.71	238.351	0.52	
3435.00	20.610	234.590	3292.29	-229.71	-449.28	-724.42	1729983.38	14400640.34	39°39'11.7993"N	80°40'54.4116"W	852.43	238.193	0.47	
3524.00	20.970	237.260	3375.50	-237.02	-466.97	-750.58	1729957.22	14400622.66	39°39'11.6254"N	80°40'54.7469"W	883.99	238.113	1.14	
3616.00	19.740	238.090	3461.75	-245.35	-484.08	-777.62	1729930.20	14400605.55	39°39'11.4572"N	80°40'55.0934"W	915.98	238.097	1.37	
3731.00	19.810	236.430	3569.97	-255.22	-505.13	-810.34	1729897.49	14400584.51	39°39'11.2504"N	80°40'55.5127"W	954.88	238.063	0.49	
3793.00	20.190	235.480	3628.23	-260.14	-517.00	-827.91	1729879.93	14400572.64	39°39'11.1336"N	80°40'55.7379"W	976.07	238.017	0.81	
3885.00	20.480	237.130	3714.50	-267.73	-534.73	-854.51	1729853.34	14400554.92	39°39'10.9593"N	80°40'56.0787"W	1008.03	237.963	0.70	
3974.00	20.520	237.230	3797.86	-275.60	-551.62	-880.70	1729827.15	14400538.03	39°39'10.7933"N	80°40'56.4144"W	1039.19	237.939	0.06	
4063.00	20.450	235.620	3881.24	-283.06	-568.85	-906.65	1729801.22	14400520.82	39°39'10.6240"N	80°40'56.7469"W	1070.33	237.895	0.64	
4155.00	20.760	235.770	3967.35	-290.42	-587.09	-933.40	1729774.48	14400502.58	39°39'10.4446"N	80°40'57.0897"W	1102.68	237.831	0.34	
4245.00	20.870	236.590	4051.48	-297.95	-604.89	-959.97	1729747.92	14400484.78	39°39'10.2696"N	80°40'57.4302"W	1134.65	237.784	0.35	
4334.00	20.820	235.630	4134.65	-305.37	-622.55	-986.25	1729721.64	14400467.13	39°39'10.0960"N	80°40'57.7671"W	1166.31	237.739	0.39	
4428.00	21.190	236.590	4222.40	-313.27	-641.34	-1014.22	1729693.68	14400448.35	39°39'9.9113"N	80°40'58.1255"W	1199.99	237.693	0.54	
4519.00	21.210	236.420	4307.25	-321.20	-659.50	-1041.67	1729666.25	14400430.20	39°39'9.7328"N	80°40'58.4772"W	1232.89	237.661	0.07	
4611.00	21.290	237.580	4392.99	-329.52	-677.66	-1069.63	1729638.30	14400412.05	39°39'9.5543"N	80°40'58.8355"W	1266.23	237.644	0.47	
4703.00	21.280	237.370	4478.72	-338.11	-695.61	-1097.79	1729610.15	14400394.10	39°39'9.3778"N	80°40'59.1964"W	1299.62	237.640	0.08	
4795.00	21.220	235.540	4564.46	-346.12	-714.04	-1125.58	1729582.37	14400375.68	39°39'9.1967"N	80°40'59.5525"W	1332.96	237.610	0.72	
4886.00	20.620	237.060	4649.46	-353.83	-732.07	-1152.60	1729555.36	14400357.66	39°39'9.0195"N	80°40'59.8988"W	1365.44	237.579	0.89	
4977.00	20.370	238.690	4734.70	-362.24	-749.01	-1179.58	1729528.39	14400340.72	39°39'8.8530"N	80°41'0.2445"W	1397.30	237.585	0.68	

Office of Oil and Gas  
JUN 05  
Environmental Section



RECEIVED  
 Dept of  
 Environmental  
 Protection  
 JUN 10 2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 206H
Field	Wetzel	API	4710303610000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

### WELLPATH DATA (245 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
5068.00	20.340	240.640	4820.02	-371.55	-765.00	-1206.90	1729501.08	14400324.74	39°39'8.6959"N	80°41'0.5945"W	1428.92	237.631	0.75	
5158.00	20.350	241.180	4904.41	-381.40	-780.21	-1234.24	1729473.75	14400309.54	39°39'8.5465"N	80°41'0.9447"W	1460.16	237.702	0.21	
5249.00	20.040	239.720	4989.81	-391.05	-795.70	-1261.57	1729446.43	14400294.05	39°39'8.3944"N	80°41'1.2948"W	1491.54	237.760	0.65	
5339.00	21.920	237.500	5073.84	-399.94	-812.50	-1289.06	1729418.96	14400277.26	39°39'8.2293"N	80°41'1.6470"W	1523.76	237.776	2.27	
5430.00	21.460	235.450	5158.40	-408.03	-831.07	-1317.09	1729390.93	14400258.70	39°39'8.0468"N	80°41'2.0063"W	1557.37	237.749	0.97	
5523.00	21.180	235.220	5245.04	-415.51	-850.30	-1344.91	1729363.13	14400239.47	39°39'7.8577"N	80°41'2.3627"W	1591.16	237.697	0.31	
5614.00	20.930	234.550	5329.96	-422.48	-869.11	-1371.65	1729336.40	14400220.68	39°39'7.6728"N	80°41'2.7055"W	1623.81	237.641	0.38	
5704.00	20.330	235.420	5414.19	-429.30	-887.30	-1397.62	1729310.44	14400202.49	39°39'7.4938"N	80°41'3.0383"W	1655.49	237.590	0.75	
5795.00	20.180	235.810	5499.56	-436.42	-905.09	-1423.61	1729284.45	14400184.70	39°39'7.3189"N	80°41'3.3715"W	1686.97	237.553	0.22	
5886.00	19.200	234.470	5585.24	-443.11	-922.61	-1448.78	1729259.30	14400167.19	39°39'7.1467"N	80°41'3.6939"W	1717.60	237.510	1.19	
5976.00	20.120	238.360	5670.00	-450.38	-939.33	-1474.00	1729234.09	14400150.48	39°39'6.9823"N	80°41'4.0172"W	1747.86	237.492	1.78	
6076.00	20.800	234.230	5763.69	-458.65	-958.73	-1503.05	1729205.05	14400131.08	39°39'6.7916"N	80°41'4.3895"W	1782.79	237.468	1.60	
6165.00	20.560	233.850	5846.96	-464.91	-977.19	-1528.49	1729179.62	14400112.63	39°39'6.6100"N	80°41'4.7155"W	1814.16	237.409	0.31	
6255.00	20.610	234.140	5931.21	-471.18	-995.79	-1554.09	1729154.03	14400094.04	39°39'6.4271"N	80°41'5.0436"W	1845.75	237.350	0.13	
6344.00	20.630	233.840	6014.51	-477.39	-1014.22	-1579.44	1729128.69	14400075.62	39°39'6.2459"N	80°41'5.3686"W	1877.04	237.294	0.12	
6432.00	20.630	233.630	6096.87	-483.40	-1032.56	-1604.44	1729103.70	14400057.29	39°39'6.0655"N	80°41'5.6891"W	1907.99	237.236	0.08	
6521.00	20.540	237.540	6180.19	-490.45	-1050.24	-1630.24	1729077.91	14400039.61	39°39'5.8917"N	80°41'6.0197"W	1939.25	237.209	1.55	
6612.00	21.170	235.640	6265.23	-498.29	-1068.08	-1657.28	1729050.88	14400021.78	39°39'5.7163"N	80°41'6.3661"W	1971.64	237.199	1.02	
6702.00	21.410	236.000	6349.09	-505.79	-1086.44	-1684.31	1729023.86	14400003.43	39°39'5.5358"N	80°41'6.7126"W	2004.31	237.177	0.30	
6792.00	21.140	237.050	6432.95	-513.67	-1104.45	-1711.55	1728996.63	14399985.42	39°39'5.3587"N	80°41'7.0616"W	2036.96	237.166	0.52	
6884.00	20.350	237.440	6518.99	-521.93	-1122.08	-1738.95	1728969.24	14399967.80	39°39'5.1854"N	80°41'7.4128"W	2069.55	237.167	0.87	
6975.00	20.960	236.610	6604.14	-529.94	-1139.56	-1765.88	1728942.32	14399950.33	39°39'5.0136"N	80°41'7.7578"W	2101.65	237.165	0.74	
7066.00	20.550	237.070	6689.23	-537.89	-1157.20	-1792.87	1728915.34	14399932.70	39°39'4.8402"N	80°41'8.1037"W	2133.89	237.160	0.48	
7166.00	21.210	237.190	6782.67	-546.86	-1176.54	-1822.81	1728885.42	14399913.36	39°39'4.6501"N	80°41'8.4873"W	2169.54	237.160	0.66	
7263.00	22.420	221.050	6872.80	-550.81	-1200.02	-1849.73	1728858.51	14399889.89	39°39'4.4190"N	80°41'8.8325"W	2204.89	237.026	6.29	
7359.00	27.350	205.610	6959.95	-543.88	-1233.77	-1871.32	1728836.92	14399856.16	39°39'4.0862"N	80°41'9.1100"W	2241.43	236.603	8.46	
7456.00	32.980	189.640	7043.92	-522.99	-1280.00	-1885.41	1728822.84	14399809.94	39°39'3.6298"N	80°41'9.2922"W	2278.85	235.827	10.06	
7552.00	39.830	175.760	7121.27	-486.27	-1336.58	-1887.52	1728820.74	14399753.38	39°39'3.0706"N	80°41'9.3217"W	2312.83	234.697	11.12	
7649.00	45.100	166.290	7192.87	-434.97	-1401.05	-1877.06	1728831.19	14399688.94	39°39'2.4331"N	80°41'9.1909"W	2342.28	233.262	8.53	
7746.00	51.060	157.410	7257.72	-372.04	-1469.39	-1854.38	1728853.86	14399620.62	39°39'1.7569"N	80°41'8.9040"W	2365.98	231.607	9.16	



REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 206H
Field	Wetzel	API	4710303610000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

### WELLPATH DATA (245 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
7843.00	57.770	152.220	7314.16	-299.06	-1540.64	-1820.71	1728887.51	14399549.41	39°39'1.0517"N	80°41'8.4768"W	2385.07	229.763	8.17	
7939.00	64.440	146.480	7360.55	-218.65	-1612.79	-1777.80	1728930.41	14399477.29	39°39'0.3372"N	80°41'7.9314"W	2400.35	227.786	8.70	
8035.00	71.270	142.030	7396.73	-131.64	-1684.84	-1725.84	1728982.35	14399405.26	39°38'59.6233"N	80°41'7.2703"W	2411.89	225.689	8.31	
8132.00	76.930	139.390	7423.30	-39.33	-1756.99	-1666.77	1729041.40	14399333.14	39°38'58.9082"N	80°41'6.5183"W	2421.80	223.491	6.39	
8228.00	83.620	136.790	7439.51	54.79	-1827.34	-1603.59	1729104.55	14399262.82	39°38'58.2107"N	80°41'5.7138"W	2431.19	221.269	7.46	
8325.00	88.740	132.590	7445.97	151.45	-1895.36	-1534.82	1729173.30	14399194.82	39°38'57.5361"N	80°41'4.8376"W	2438.86	219.000	6.82	
8421.00	89.080	130.880	7447.80	247.42	-1959.25	-1463.19	1729244.89	14399130.96	39°38'56.9022"N	80°41'3.9248"W	2445.32	216.753	1.82	
8518.00	89.080	131.350	7449.36	344.38	-2023.03	-1390.12	1729317.93	14399067.20	39°38'56.2693"N	80°41'2.9935"W	2454.61	214.495	0.48	
8615.00	88.120	131.730	7451.73	441.33	-2087.33	-1317.54	1729390.49	14399002.92	39°38'55.6313"N	80°41'2.0685"W	2468.38	212.260	1.06	
8711.00	87.690	130.690	7455.24	537.24	-2150.54	-1245.37	1729462.63	14398939.75	39°38'55.0042"N	80°41'1.1487"W	2485.11	210.075	1.17	
8808.00	89.290	133.190	7457.79	634.19	-2215.34	-1173.25	1729534.72	14398874.97	39°38'54.3612"N	80°41'0.2296"W	2506.84	207.906	3.06	
8904.00	89.450	128.300	7458.85	730.11	-2277.97	-1100.55	1729607.40	14398812.36	39°38'53.7397"N	80°40'59.3030"W	2529.90	205.786	5.10	
9001.00	87.070	131.780	7461.79	826.95	-2340.33	-1026.33	1729681.58	14398750.03	39°38'53.1208"N	80°40'58.3571"W	2555.49	203.679	4.34	
9098.00	89.260	132.910	7464.90	923.89	-2405.63	-954.68	1729753.20	14398684.75	39°38'52.4730"N	80°40'57.4440"W	2588.14	201.646	2.54	
9195.00	87.940	128.820	7467.27	1020.79	-2469.07	-881.37	1729826.49	14398621.34	39°38'51.8435"N	80°40'56.5096"W	2621.66	199.645	4.43	
9291.00	87.940	134.800	7470.73	1116.68	-2532.99	-809.89	1729897.94	14398557.44	39°38'51.2092"N	80°40'55.5987"W	2659.32	197.731	6.23	
9388.00	93.020	134.440	7469.91	1213.58	-2601.10	-740.87	1729966.93	14398489.36	39°38'50.5337"N	80°40'54.7195"W	2704.56	195.899	5.25	
9485.00	88.950	130.550	7468.25	1310.53	-2666.59	-669.39	1730038.38	14398423.90	39°38'49.8840"N	80°40'53.8086"W	2749.33	194.092	5.80	
9581.00	89.050	131.170	7469.92	1406.47	-2729.39	-596.79	1730110.95	14398361.13	39°38'49.2608"N	80°40'52.8834"W	2793.87	192.334	0.65	
9678.00	89.170	129.720	7471.43	1503.39	-2792.30	-522.99	1730184.73	14398298.23	39°38'48.6364"N	80°40'51.9427"W	2840.86	190.608	1.50	
9774.00	90.860	132.440	7471.40	1599.35	-2855.38	-450.63	1730257.06	14398235.18	39°38'48.0105"N	80°40'51.0206"W	2890.72	188.968	3.34	
9871.00	88.860	129.390	7471.64	1696.29	-2918.89	-377.34	1730330.32	14398171.69	39°38'47.3802"N	80°40'50.0866"W	2943.18	187.366	3.76	
9967.00	87.810	131.050	7474.43	1792.16	-2980.85	-304.07	1730403.56	14398109.76	39°38'46.7653"N	80°40'49.1527"W	2996.32	185.825	2.05	
10064.00	90.920	132.480	7475.50	1889.14	-3045.45	-231.74	1730475.86	14398045.18	39°38'46.1244"N	80°40'48.2309"W	3054.26	184.351	3.53	
10160.00	90.030	128.140	7474.71	1985.03	-3107.54	-158.55	1730549.02	14397983.12	39°38'45.5082"N	80°40'47.2982"W	3111.58	182.921	4.61	
10257.00	89.420	131.360	7475.17	2081.90	-3169.55	-83.99	1730623.56	14397921.13	39°38'44.8927"N	80°40'46.3478"W	3170.67	181.518	3.38	
10353.00	89.260	130.840	7476.28	2177.87	-3232.66	-11.65	1730695.86	14397858.05	39°38'44.2665"N	80°40'45.4259"W	3232.68	180.206	0.57	
10450.00	89.110	131.160	7477.66	2274.82	-3296.29	61.55	1730769.03	14397794.45	39°38'43.6350"N	80°40'44.4931"W	3296.86	178.930	0.36	
10546.00	89.940	130.970	7478.45	2370.78	-3359.35	133.93	1730841.38	14397731.41	39°38'43.0092"N	80°40'43.5707"W	3362.02	177.717	0.89	
10643.00	89.010	131.460	7479.34	2467.75	-3423.26	206.89	1730914.32	14397667.53	39°38'42.3751"N	80°40'42.6409"W	3429.50	176.541	1.08	



REFERENCE WELLPATH IDENTIFICATION			
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Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

### WELLPATH DATA (245 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
10739.00	89.260	132.080	7480.79	2563.73	-3487.20	278.48	1730985.88	14397603.61	39°38'41.7406"N	80°40'41.7286"W	3498.30	175.434	0.70	
10835.00	88.650	129.310	7482.54	2659.65	-3549.78	351.25	1731058.62	14397541.06	39°38'41.1196"N	80°40'40.8013"W	3567.11	174.349	2.95	
10932.00	87.070	132.160	7486.17	2756.52	-3613.02	424.69	1731132.03	14397477.84	39°38'40.4919"N	80°40'39.8654"W	3637.90	173.296	3.36	
11028.00	89.910	131.650	7488.70	2852.47	-3677.11	496.10	1731203.42	14397413.77	39°38'39.8560"N	80°40'38.9554"W	3710.43	172.316	3.01	
11125.00	88.520	131.790	7490.02	2949.45	-3741.66	568.50	1731275.78	14397349.25	39°38'39.2156"N	80°40'38.0329"W	3784.60	171.361	1.44	
11221.00	87.970	130.320	7492.97	3045.37	-3804.68	640.85	1731348.11	14397286.26	39°38'38.5902"N	80°40'37.1108"W	3858.27	170.439	1.63	
11317.00	90.000	129.430	7494.67	3141.24	-3866.21	714.51	1731421.74	14397224.75	39°38'37.9794"N	80°40'36.1721"W	3931.68	169.529	2.31	
11414.00	90.890	131.830	7493.91	3238.18	-3929.37	788.12	1731495.32	14397161.62	39°38'37.3526"N	80°40'35.2340"W	4007.62	168.659	2.64	
11510.00	89.750	131.850	7493.38	3334.17	-3993.40	859.64	1731566.81	14397097.61	39°38'36.7172"N	80°40'34.3227"W	4084.88	167.852	1.19	
11607.00	90.680	134.130	7493.01	3431.16	-4059.54	930.58	1731637.73	14397031.50	39°38'36.0611"N	80°40'33.4188"W	4164.83	167.089	2.54	
11703.00	89.820	132.730	7492.59	3527.14	-4125.53	1000.30	1731707.41	14396965.53	39°38'35.4064"N	80°40'32.5307"W	4245.07	166.371	1.71	
11800.00	89.350	134.190	7493.30	3624.12	-4192.25	1070.70	1731777.79	14396898.84	39°38'34.7445"N	80°40'31.6338"W	4326.82	165.673	1.58	
11896.00	89.350	130.930	7494.39	3720.10	-4257.17	1141.40	1731848.46	14396833.94	39°38'34.1004"N	80°40'30.7331"W	4407.52	164.991	3.40	
11993.00	89.970	133.270	7494.96	3817.09	-4322.19	1213.36	1731920.40	14396768.94	39°38'33.4552"N	80°40'29.8161"W	4489.28	164.319	2.50	
12089.00	89.660	133.150	7495.27	3913.09	-4387.92	1283.33	1731990.34	14396703.24	39°38'32.8031"N	80°40'28.9247"W	4571.74	163.697	0.35	
12186.00	89.820	132.940	7495.71	4010.08	-4454.13	1354.22	1732061.20	14396637.06	39°38'32.1463"N	80°40'28.0216"W	4655.45	163.089	0.27	
12283.00	90.120	133.130	7495.76	4107.08	-4520.33	1425.12	1732132.07	14396570.89	39°38'31.4895"N	80°40'27.1184"W	4739.65	162.502	0.37	
12379.00	90.120	132.770	7495.56	4203.07	-4585.74	1495.39	1732202.31	14396505.50	39°38'30.8405"N	80°40'26.2232"W	4823.40	161.939	0.37	
12476.00	89.880	132.040	7495.56	4300.07	-4651.15	1567.01	1732273.91	14396440.12	39°38'30.1915"N	80°40'25.3106"W	4908.03	161.381	0.79	
12572.00	90.650	132.050	7495.12	4396.07	-4715.44	1638.30	1732345.17	14396375.85	39°38'29.5536"N	80°40'24.4023"W	4991.94	160.841	0.80	
12668.00	89.970	133.020	7494.60	4492.07	-4780.34	1709.04	1732415.88	14396310.98	39°38'28.9096"N	80°40'23.5011"W	5076.66	160.327	1.23	
12765.00	89.380	133.170	7495.15	4589.06	-4846.61	1779.87	1732486.68	14396244.73	39°38'28.2521"N	80°40'22.5988"W	5163.10	159.835	0.63	
12862.00	88.120	133.150	7497.26	4686.03	-4912.94	1850.61	1732557.39	14396178.43	39°38'27.5940"N	80°40'21.6977"W	5249.93	159.360	1.30	
12958.00	89.570	131.810	7499.20	4782.00	-4977.76	1921.39	1732628.15	14396113.64	39°38'26.9509"N	80°40'20.7959"W	5335.71	158.894	2.06	
13055.00	89.600	133.020	7499.90	4879.00	-5043.18	1993.00	1732699.73	14396048.24	39°38'26.3018"N	80°40'19.8835"W	5422.71	158.437	1.25	
13151.00	89.940	133.330	7500.29	4974.99	-5108.87	2063.01	1732769.71	14395982.58	39°38'25.6501"N	80°40'18.9917"W	5509.68	158.011	0.48	
13247.00	89.450	134.340	7500.80	5070.97	-5175.35	2132.26	1732838.93	14395916.12	39°38'24.9905"N	80°40'18.1096"W	5597.39	157.608	1.17	
13344.00	91.110	130.690	7500.32	5167.95	-5240.89	2203.74	1732910.38	14395850.61	39°38'24.3402"N	80°40'17.1990"W	5685.37	157.194	4.13	
13440.00	90.060	134.060	7499.34	5263.92	-5305.58	2274.64	1732981.26	14395785.94	39°38'23.6984"N	80°40'16.2956"W	5772.62	156.794	3.68	
13537.00	89.750	133.230	7499.50	5360.91	-5372.53	2344.83	1733051.42	14395719.02	39°38'23.0342"N	80°40'15.4015"W	5861.94	156.421	0.91	

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Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 206H
Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

WELLPATH DATA (245 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
13633.00	89.380	133.090	7500.23	5456.90	-5438.19	2414.86	1733121.42	14395653.38	39°38'22.3827"N	80°40'14.5095"W	5950.25	156.056	0.41	
13730.00	88.920	132.530	7501.67	5553.89	-5504.10	2486.01	1733192.54	14395587.50	39°38'21.7287"N	80°40'13.6031"W	6039.49	155.693	0.75	
13827.00	90.830	130.780	7501.88	5650.87	-5568.57	2558.48	1733264.98	14395523.06	39°38'21.0890"N	80°40'12.6798"W	6128.19	155.324	2.67	
13923.00	89.320	132.130	7501.76	5746.84	-5632.12	2630.43	1733336.90	14395459.53	39°38'20.4583"N	80°40'11.7631"W	6216.10	154.966	2.11	
14019.00	89.110	130.740	7503.07	5842.81	-5695.64	2702.39	1733408.84	14395396.03	39°38'19.8279"N	80°40'10.8462"W	6304.22	154.617	1.46	
14116.00	89.290	129.780	7504.43	5939.72	-5758.32	2776.40	1733482.82	14395333.38	39°38'19.2058"N	80°40'9.9031"W	6392.71	154.259	1.01	
14212.00	90.950	130.760	7504.23	6035.64	-5820.37	2849.65	1733556.04	14395271.35	39°38'18.5899"N	80°40'8.9698"W	6480.53	153.914	2.01	
14309.00	89.380	132.390	7503.95	6132.62	-5884.74	2922.21	1733628.57	14395207.01	39°38'17.9511"N	80°40'8.0453"W	6570.34	153.592	2.33	
14405.00	90.060	128.730	7504.42	6228.54	-5947.15	2995.13	1733701.46	14395144.63	39°38'17.3316"N	80°40'7.1162"W	6658.78	153.269	3.88	
14502.00	90.430	132.550	7504.00	6325.47	-6010.31	3068.72	1733775.02	14395081.49	39°38'16.7047"N	80°40'6.1785"W	6748.40	152.952	3.96	
14598.00	89.820	130.120	7503.79	6421.44	-6073.71	3140.80	1733847.07	14395018.11	39°38'16.0755"N	80°40'5.2602"W	6837.73	152.656	2.61	
14695.00	89.750	131.250	7504.16	6518.39	-6136.94	3214.35	1733920.60	14394954.91	39°38'15.4479"N	80°40'4.3230"W	6927.78	152.356	1.17	
14888.00	89.720	133.050	7505.05	6711.37	-6266.46	3357.43	1734063.62	14394825.45	39°38'14.1627"N	80°40'2.5002"W	7109.21	151.819	0.93	
14984.00	91.200	128.170	7504.28	6807.28	-6328.92	3430.28	1734136.45	14394763.01	39°38'13.5427"N	80°40'1.5720"W	7198.75	151.542	5.31	
15081.00	88.370	131.720	7504.64	6904.15	-6391.18	3504.63	1734210.76	14394700.77	39°38'12.9247"N	80°40'0.6246"W	7289.01	151.262	4.68	
15273.00	88.770	130.440	7509.43	7096.03	-6517.31	3649.31	1734355.39	14394574.69	39°38'11.6729"N	80°39'58.7813"W	7469.45	150.754	0.70	
15370.00	89.380	129.880	7511.00	7192.93	-6579.85	3723.43	1734429.48	14394512.17	39°38'11.0520"N	80°39'57.8369"W	7560.32	150.495	0.85	
15466.00	88.680	130.490	7512.62	7288.83	-6641.79	3796.76	1734502.78	14394450.26	39°38'10.4372"N	80°39'56.9025"W	7650.41	150.246	0.97	
15563.00	90.340	130.050	7513.45	7385.75	-6704.48	3870.77	1734576.76	14394387.59	39°38'9.8149"N	80°39'55.9595"W	7741.64	150.000	1.77	
15659.00	89.750	131.940	7513.38	7481.71	-6767.46	3943.22	1734649.18	14394324.64	39°38'9.1899"N	80°39'55.0364"W	7832.46	149.772	2.06	
15756.00	90.430	131.840	7513.23	7578.70	-6832.22	4015.43	1734721.36	14394259.90	39°38'8.5472"N	80°39'54.1166"W	7924.83	149.556	0.71	
15853.00	89.850	133.410	7512.99	7675.69	-6897.91	4086.80	1734792.70	14394194.24	39°38'7.8954"N	80°39'53.2074"W	8017.67	149.355	1.73	
15949.00	90.060	130.710	7513.06	7771.68	-6962.21	4158.07	1734863.94	14394129.96	39°38'7.2572"N	80°39'52.2996"W	8109.37	149.153	2.82	
16045.00	89.510	131.630	7513.42	7867.65	-7025.41	4230.33	1734936.18	14394066.79	39°38'6.6300"N	80°39'51.3789"W	8200.74	148.946	1.12	
16142.00	88.740	133.050	7514.91	7964.64	-7090.73	4302.02	1735007.84	14394001.49	39°38'5.9818"N	80°39'50.4658"W	8293.72	148.754	1.67	
16239.00	89.970	130.730	7516.00	8061.61	-7155.49	4374.22	1735080.01	14393936.76	39°38'5.3391"N	80°39'49.5460"W	8386.58	148.562	2.71	
16335.00	90.430	132.760	7515.66	8157.60	-7219.40	4445.84	1735151.60	14393872.87	39°38'4.7048"N	80°39'48.6336"W	8478.52	148.374	2.17	
16432.00	88.920	131.810	7516.21	8254.59	-7284.66	4517.60	1735223.33	14393807.64	39°38'4.0572"N	80°39'47.7196"W	8571.76	148.195	1.84	
16529.00	89.720	132.060	7517.36	8351.58	-7349.48	4589.75	1735295.46	14393742.84	39°38'3.4139"N	80°39'46.8005"W	8664.91	148.015	0.86	
16625.00	89.290	132.160	7518.19	8447.57	-7413.85	4660.97	1735366.65	14393678.50	39°38'2.7751"N	80°39'45.8933"W	8757.27	147.843	0.46	

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### REFERENCE WELLPATH IDENTIFICATION

Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 206H
Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

### WELLPATH DATA (245 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
16722.00	88.890	133.410	7519.73	8544.56	-7479.73	4732.14	1735437.80	14393612.65	39°38'2.1214"N	80°39'44.9867"W	8850.96	147.680	1.35	
16818.00	89.380	130.170	7521.18	8640.52	-7543.69	4803.70	1735509.33	14393548.71	39°38'1.4867"N	80°39'44.0751"W	8943.31	147.512	3.41	
16915.00	89.780	132.130	7521.89	8737.49	-7607.51	4876.74	1735582.33	14393484.91	39°38'0.8532"N	80°39'43.1447"W	9036.42	147.338	2.06	
17011.00	89.690	131.870	7522.34	8833.48	-7671.75	4948.08	1735653.65	14393420.70	39°38'0.2157"N	80°39'42.2360"W	9129.03	147.179	0.29	
17108.00	89.350	131.040	7523.15	8930.46	-7735.96	5020.77	1735726.31	14393356.51	39°37'59.5784"N	80°39'41.3099"W	9222.43	147.016	0.92	
17205.00	89.380	131.410	7524.23	9027.43	-7799.88	5093.73	1735799.24	14393292.62	39°37'58.9439"N	80°39'40.3806"W	9315.81	146.853	0.38	
17302.00	89.880	131.630	7524.85	9124.41	-7864.18	5166.35	1735871.83	14393228.35	39°37'58.3058"N	80°39'39.4554"W	9409.38	146.697	0.56	
17398.00	89.140	132.520	7525.67	9220.40	-7928.51	5237.60	1735943.06	14393164.05	39°37'57.6674"N	80°39'38.5478"W	9502.30	146.551	1.21	
17495.00	88.150	131.770	7527.97	9317.37	-7993.58	5309.50	1736014.93	14393099.00	39°37'57.0216"N	80°39'37.6320"W	9596.25	146.407	1.28	
17591.00	89.080	131.180	7530.29	9413.32	-8057.14	5381.41	1736086.81	14393035.47	39°37'56.3908"N	80°39'36.7160"W	9689.02	146.261	1.15	
17688.00	89.110	131.930	7531.82	9510.29	-8121.47	5453.99	1736159.35	14392971.16	39°37'55.7523"N	80°39'35.7915"W	9782.86	146.117	0.77	
17784.00	89.660	132.170	7532.85	9606.28	-8185.77	5525.27	1736230.61	14392906.89	39°37'55.1142"N	80°39'34.8835"W	9876.00	145.981	0.63	
17881.00	88.800	132.430	7534.15	9703.27	-8251.04	5597.00	1736302.32	14392841.64	39°37'54.4664"N	80°39'33.9698"W	9970.26	145.849	0.93	
17978.00	88.090	131.520	7536.79	9800.23	-8315.89	5669.09	1736374.37	14392776.81	39°37'53.8228"N	80°39'33.0516"W	10064.42	145.717	1.19	
18074.00	88.710	129.360	7539.47	9896.12	-8378.13	5742.12	1736447.38	14392714.60	39°37'53.2049"N	80°39'32.1212"W	10157.02	145.574	2.34	
18171.00	89.420	126.750	7541.05	9992.80	-8437.91	5818.48	1736523.71	14392654.84	39°37'52.6113"N	80°39'31.1481"W	10249.54	145.411	2.79	
18267.00	89.510	127.680	7541.95	10088.38	-8495.97	5894.93	1736600.13	14392596.81	39°37'52.0346"N	80°39'30.1739"W	10340.78	145.245	0.97	
18364.00	89.320	124.750	7542.94	10184.77	-8553.27	5973.18	1736678.34	14392539.53	39°37'51.4654"N	80°39'29.1766"W	10432.51	145.071	3.03	
18460.00	90.860	122.280	7542.79	10279.56	-8606.27	6053.21	1736758.34	14392486.55	39°37'50.9386"N	80°39'28.1563"W	10521.85	144.879	3.03	
18557.00	89.510	120.640	7542.47	10374.74	-8656.89	6135.95	1736841.05	14392435.95	39°37'50.4352"N	80°39'27.1013"W	10610.92	144.671	2.19	
18653.00	89.200	120.530	7543.55	10468.65	-8705.74	6218.58	1736923.65	14392387.12	39°37'49.9493"N	80°39'26.0475"W	10698.63	144.461	0.34	
18750.00	89.690	120.540	7544.49	10563.51	-8755.02	6302.13	1737007.16	14392337.86	39°37'49.4592"N	80°39'24.9821"W	10787.36	144.253	0.51	
18846.00	90.220	119.810	7544.57	10657.28	-8803.27	6385.12	1737090.12	14392289.63	39°37'48.9791"N	80°39'23.9238"W	10875.08	144.046	0.94	
18943.00	89.970	120.010	7544.41	10751.92	-8851.64	6469.20	1737174.17	14392241.28	39°37'48.4980"N	80°39'22.8516"W	10963.67	143.839	0.33	
19039.00	89.110	122.280	7545.18	10846.02	-8901.28	6551.35	1737256.29	14392191.65	39°37'48.0042"N	80°39'21.8040"W	11052.29	143.647	2.53	
19136.00	89.260	120.410	7546.56	10941.15	-8951.74	6634.18	1737339.09	14392141.22	39°37'47.5025"N	80°39'20.7478"W	11142.08	143.458	1.93	
19232.00	89.260	120.440	7547.80	11035.00	-9000.35	6716.96	1737421.83	14392092.63	39°37'47.0189"N	80°39'19.6923"W	11230.48	143.266	0.03	
19328.00	89.660	120.130	7548.70	11128.80	-9048.76	6799.85	1737504.69	14392044.24	39°37'46.5373"N	80°39'18.6352"W	11318.92	143.076	0.53	
19424.00	89.600	119.840	7549.32	11222.49	-9096.73	6883.00	1737587.81	14391996.28	39°37'46.0600"N	80°39'17.5749"W	11407.29	142.887	0.31	
19521.00	91.080	122.980	7548.75	11317.65	-9147.28	6965.77	1737670.55	14391945.75	39°37'45.5574"N	80°39'16.5195"W	11497.59	142.710	3.58	



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REFERENCE WELLPATH IDENTIFICATION			
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Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

### WELLPATH DATA (245 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
19617.00	90.520	124.550	7547.41	11412.50	-9200.63	7045.57	1737750.31	14391892.43	39°37'45.0271"N	80°39'15.5022"W	11588.42	142.556	1.74	
19714.00	90.520	126.320	7546.53	11508.75	-9256.86	7124.60	1737829.31	14391836.21	39°37'44.4683"N	80°39'14.4950"W	11681.15	142.416	1.82	
19810.00	90.620	128.430	7545.57	11604.34	-9315.13	7200.88	1737905.56	14391777.97	39°37'43.8896"N	80°39'13.5229"W	11773.88	142.295	2.20	
19906.00	90.220	130.880	7544.87	11700.21	-9376.39	7274.78	1737979.43	14391716.74	39°37'43.2813"N	80°39'12.5814"W	11867.56	142.193	2.59	
20002.00	90.620	133.010	7544.16	11796.20	-9440.55	7346.18	1738050.80	14391652.60	39°37'42.6445"N	80°39'11.6721"W	11962.03	142.112	2.26	
20099.00	90.280	134.620	7543.40	11893.17	-9507.70	7416.17	1738120.76	14391585.47	39°37'41.9782"N	80°39'10.7809"W	12058.02	142.045	1.70	
20195.00	90.490	136.860	7542.76	11989.01	-9576.45	7483.16	1738187.73	14391516.75	39°37'41.2962"N	80°39'9.9281"W	12153.44	141.995	2.34	
20292.00	90.680	139.250	7541.77	12085.55	-9648.59	7547.99	1738252.53	14391444.64	39°37'40.5808"N	80°39'9.1031"W	12250.20	141.964	2.47	
20388.00	90.310	141.280	7540.94	12180.68	-9722.40	7609.35	1738313.87	14391370.85	39°37'39.8489"N	80°39'8.3226"W	12346.15	141.951	2.15	
20485.00	90.060	140.630	7540.62	12276.64	-9797.74	7670.45	1738374.95	14391295.55	39°37'39.1021"N	80°39'7.5454"W	12443.13	141.943	0.72	
20581.00	90.460	141.470	7540.19	12371.58	-9872.40	7730.80	1738435.27	14391220.92	39°37'38.3619"N	80°39'6.7778"W	12539.12	141.936	0.97	
20678.00	91.690	140.310	7538.37	12467.54	-9947.65	7791.98	1738496.43	14391145.70	39°37'37.6159"N	80°39'5.9997"W	12636.08	141.928	1.74	
20774.00	90.770	143.280	7536.31	12562.26	-10023.06	7851.33	1738555.75	14391070.32	39°37'36.8683"N	80°39'5.2449"W	12732.05	141.927	3.24	
20871.00	91.200	143.790	7534.64	12657.47	-10101.05	7908.97	1738613.37	14390992.35	39°37'36.0953"N	80°39'4.5121"W	12828.99	141.940	0.69	
20967.00	91.260	143.730	7532.58	12751.62	-10178.46	7965.71	1738670.09	14390914.97	39°37'35.3281"N	80°39'3.7908"W	12924.92	141.953	0.09	
21064.00	91.350	143.490	7530.37	12846.80	-10256.53	8023.24	1738727.60	14390836.94	39°37'34.5544"N	80°39'3.0594"W	13021.86	141.965	0.26	
21160.00	91.290	143.220	7528.16	12941.08	-10333.53	8080.52	1738784.86	14390759.96	39°37'33.7911"N	80°39'2.3311"W	13117.80	141.976	0.29	
21257.00	89.720	143.520	7527.30	13036.35	-10411.37	8138.39	1738842.71	14390682.16	39°37'33.0197"N	80°39'1.5954"W	13214.77	141.986	1.65	
21354.00	88.490	143.950	7528.82	13131.50	-10489.57	8195.76	1738900.06	14390603.99	39°37'32.2446"N	80°39'0.8661"W	13311.71	141.999	1.34	
21450.00	89.290	141.680	7530.68	13225.94	-10566.03	8253.77	1738958.04	14390527.56	39°37'31.4867"N	80°39'0.1286"W	13407.68	142.004	2.51	
21546.00	89.850	142.580	7531.40	13320.60	-10641.81	8312.70	1739016.95	14390451.81	39°37'30.7355"N	80°38'59.3793"W	13503.67	142.005	1.10	
21643.00	89.850	142.170	7531.65	13416.18	-10718.64	8371.92	1739076.14	14390375.01	39°37'29.9740"N	80°38'58.6263"W	13600.67	142.008	0.42	
21739.00	89.750	141.320	7531.99	13510.94	-10794.02	8431.36	1739135.56	14390299.66	39°37'29.2267"N	80°38'57.8704"W	13696.67	142.006	0.89	
21836.00	90.400	142.140	7531.86	13606.70	-10870.18	8491.43	1739195.61	14390223.53	39°37'28.4718"N	80°38'57.1065"W	13793.66	142.004	1.08	
21933.00	90.060	142.320	7531.47	13702.32	-10946.85	8550.84	1739255.00	14390146.89	39°37'27.7117"N	80°38'56.3510"W	13890.66	142.006	0.40	
22029.00	90.150	142.620	7531.30	13796.89	-11022.98	8609.33	1739313.45	14390070.79	39°37'26.9570"N	80°38'55.6075"W	13986.66	142.009	0.33	
22126.00	89.820	142.380	7531.32	13892.44	-11099.94	8668.38	1739372.48	14389993.86	39°37'26.1942"N	80°38'54.8567"W	14083.65	142.012	0.42	
22222.00	89.780	141.960	7531.66	13987.09	-11175.76	8727.25	1739431.34	14389918.07	39°37'25.4426"N	80°38'54.1080"W	14179.65	142.013	0.44	
22319.00	89.750	142.570	7532.05	14082.70	-11252.47	8786.62	1739490.68	14389841.39	39°37'24.6822"N	80°38'53.3532"W	14276.65	142.015	0.63	
22416.00	88.860	141.870	7533.23	14178.31	-11329.13	8846.04	1739550.07	14389764.76	39°37'23.9223"N	80°38'52.5977"W	14373.64	142.016	1.17	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SWN PRODUCTION COMPANY, LLC	Well	Constance Taylor WTZ 206H
Field	Wetzel	API	47103036100000
Facility	Constance Taylor WTZ Pad	Wellbore	Constance Taylor WTZ 206H AWB
Slot	206H		

WELLPATH DATA (245 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
22512.00	90.000	142.130	7534.19	14273.01	-11404.77	8905.14	1739609.15	14389689.14	39°37'23.1724"N	80°38'51.8462"W	14469.64	142.016	1.22	
22609.00	89.880	142.450	7534.29	14368.61	-11481.51	8964.47	1739668.46	14389612.44	39°37'22.4117"N	80°38'51.0918"W	14566.63	142.018	0.35	
22705.00	89.880	142.530	7534.49	14463.17	-11557.66	9022.92	1739726.89	14389536.31	39°37'21.6568"N	80°38'50.3486"W	14662.63	142.021	0.08	
22784.00	90.030	142.680	7534.55	14540.96	-11620.43	9070.90	1739774.85	14389473.58	39°37'21.0347"N	80°38'49.7387"W	14741.63	142.024	0.27	
22809.00‡	90.030	142.680	7534.54	14565.57	-11640.31	9086.06	1739790.00	14389453.70	39°37'20.8376"N	80°38'49.5460"W	14766.63	142.026	0.00	

HOLE & CASING SECTIONS - Ref Wellbore: Constance Taylor WTZ 206H AWB Ref Wellpath: Constance Taylor WTZ 206H awp Proj: 22809'									
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	447.00	421.00	26.00	446.99	0.00	0.00	-1.55	1.59
9.625in Casing	26.00	3004.00	2978.00	26.00	2888.95	0.00	0.00	-364.72	-598.35



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Slot	206H		

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TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Constance Taylor WTZ 206H LP rev3	7435.00	-1857.16	-1590.29	1729117.84	14399233.01	39°38'57.9156"N	80°41'5.5451"W	point
Constance Taylor WTZ 206H wp1	7455.00	-2596.91	-758.04	1729949.77	14398493.55	39°38'50.5757"N	80°40'54.9387"W	point
Constance Taylor WTZ 206H wp2	7476.00	-3688.47	492.08	1731199.40	14397402.42	39°38'39.7439"N	80°40'39.0073"W	point
Constance Taylor WTZ 206H wp3	7508.00	-9462.44	7347.74	1738052.37	14391630.72	39°37'42.4282"N	80°39'11.6531"W	point
Constance Taylor WTZ 206H wp4	7519.00	-11088.20	8736.90	1739440.98	14390005.59	39°37'26.3075"N	80°38'53.9804"W	point
Constance Taylor WTZ 206H BHL rev2	7527.00	-11652.55	9076.03	1739779.98	14389441.47	39°37'20.7171"N	80°38'49.6747"W	point

WELLPATH COMPOSITION - Ref Wellbore: Constance Taylor WTZ 206H AWB Ref Wellpath: Constance Taylor WTZ 206H awp Proj: 22809'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
26.00	399.00	Gyrodatta 2015 - GC+WIR+DPIPE	1 Imported Gyro 17.5" 50' - 399	Constance Taylor WTZ 206H AWB	1/15/2024
399.00	2935.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	2 Total MWD 12.25" IFR-MSA 508' - 2935'	Constance Taylor WTZ 206H AWB	1/15/2024
2935.00	5976.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	3 Total MWD 8.75" IFR-MSA 3064' - 6047'	Constance Taylor WTZ 206H AWB	1/15/2024
5976.00	22809.00	OWSG MWD rev2 + IFR1 + Multi-Station Correction	4 BH MWD 8.5" IFR-MSA 6076' - 22784'	Constance Taylor WTZ 206H AWB	1/16/2024