



Vertical Section (ft) Azim = 330.01° Scale = 1:650.00(ft) Origin = 0N/-3, 0E/-W

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12/19/2025



Tribune Resources BFT 3H ST01 5141ft to 17425ft MD Survey Geodetic Report

Definitive Survey

Report Date: January 21, 2025 - 03:36 PM (UTC 0)
Client: Tribune Resources
Field: WV Tyler County (NAD 27)
Structure / Skit: Tribune Resources BFT Pad / BFT 3H
Well: BFT 3H
Borehole: BFT 3H ST01
UBH / API / JobNumber: Unknown / Unknown / Unknown
Survey Name / Version: Tribune Resources BFT 3H ST01 5141ft to 17425ft MD / 1
Survey Date: January 21, 2025
Tort / AHD / DOI / ERD Ratio: 222.714' / 12001.662' / 6.627' / 1.732
Coordinates Reference System: NAD27 West Virginia State Plane, Northern Zone, US Feet
Location Lat / Long: N 39°27'38.7800", W 80°41'24.5177"
Location Grid N/E Y/X: N 39°27'38.7800", E 1064015.111 RUS
CRS Grid Convergence Angle: -0.759"
Grid Scale Factor: 0.99994489(Applied)
Engine Version: 2024.4.0.4

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 330.010 (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 907.000 ft above MSL
Sealed / Ground Elevation: 880.000 ft above MSL
Magnetic Declination: -8.022"
Total Gravity Field Strength: 969.348/mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 51471.791 nT
Magnetic Dip Angle: 66.164°
Declination Date: January 13, 2025
Magnetic Declination Model: HDGM 2024
North Reference: Grid
Total Corr Mag: -7.273"
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	TVDSS (ft)	DLS (ft/100ft)	Northing (ft)	Easting (ft)	Latitude (N/S ° ° °)	Longitude (E/W ° ° °)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-607.00		352.156.30	1.664.015.11	N 39°27'38.78"	W 80°41'24.52"
	130.00	1.13	68.27	129.99	-0.18	0.17	-1.19	-777.01	0.87	352.156.78	1.664.016.30	N 39°27'38.79"	W 80°41'24.52"
	189.00	1.25	59.04	188.98	-0.25	1.05	2.33	-718.02	0.50	352.159.35	1.664.017.44	N 39°27'38.79"	W 80°41'24.01"
	284.00	1.05	78.58	283.96	-0.49	1.83	4.13	-623.04	0.50	352.160.13	1.664.019.24	N 39°27'38.80"	W 80°41'23.99"
	373.00	0.77	86.01	372.95	-0.98	2.06	5.52	-534.05	0.36	352.160.36	1.664.020.63	N 39°27'38.80"	W 80°41'23.87"
	421.00	0.13	100.77	420.94	-1.16	2.07	5.90	-486.06	1.34	352.160.37	1.664.021.01	N 39°27'38.80"	W 80°41'23.96"
	461.00	0.40	268.08	460.94	-1.12	2.06	5.80	-446.06	1.32	352.160.36	1.664.020.91	N 39°27'38.80"	W 80°41'23.86"
	502.00	1.53	278.18	501.93	-0.22	2.22	4.28	-395.07	1.25	352.160.52	1.664.019.39	N 39°27'38.80"	W 80°41'23.87"
	569.00	1.44	508.52	568.52	0.08	3.81	-1.08	-338.08	0.73	352.160.80	1.664.018.83	N 39°27'38.80"	W 80°41'23.86"
	641.00	2.22	260.81	640.88	1.08	2.77	1.41	-286.12	0.25	352.161.07	1.664.016.52	N 39°27'38.81"	W 80°41'24.02"
	731.00	1.69	263.13	730.83	3.35	2.94	-1.82	-176.17	0.89	352.161.24	1.664.013.49	N 39°27'38.81"	W 80°41'24.06"
	821.00	1.59	218.80	820.80	3.44	1.82	-3.74	-86.20	1.35	352.160.12	1.664.011.37	N 39°27'38.80"	W 80°41'24.09"
	910.00	2.18	205.55	909.75	2.06	-0.66	-6.26	2.75	0.84	352.157.65	1.664.009.85	N 39°27'38.77"	W 80°41'24.10"
	1000.00	2.84	197.49	999.66	-0.42	-4.33	-6.07	82.66	0.83	352.153.97	1.664.008.45	N 39°27'38.74"	W 80°41'24.12"
	1089.00	2.80	198.09	1088.55	-3.36	-8.50	-8.00	181.55	0.06	352.149.81	1.664.007.11	N 39°27'38.70"	W 80°41'24.14"
	1179.00	2.46	198.09	1178.46	-8.12	-12.42	-6.29	271.46	0.38	352.145.88	1.664.005.83	N 39°27'38.66"	W 80°41'24.17"
	1269.00	2.98	191.36	1267.36	-8.13	-14.50	-10.24	360.36	0.68	352.141.80	1.664.004.78	N 39°27'38.62"	W 80°41'24.17"
	1358.00	3.87	187.42	1357.20	-13.30	-21.81	-11.19	450.20	1.02	352.136.49	1.664.003.92	N 39°27'38.56"	W 80°41'24.18"
	1448.00	4.10	185.58	1446.98	-18.33	-28.02	-11.89	539.98	0.29	352.130.28	1.664.003.22	N 39°27'38.50"	W 80°41'24.18"
	1537.00	4.39	182.32	1535.73	-23.79	-34.59	-12.34	628.73	0.42	352.123.71	1.664.002.77	N 39°27'38.44"	W 80°41'24.19"
	1626.00	4.63	180.72	1624.46	-29.76	-41.59	-12.53	717.46	0.30	352.116.71	1.664.002.59	N 39°27'38.37"	W 80°41'24.19"
	1716.00	4.61	181.99	1714.17	-35.95	-48.84	-12.70	807.17	0.12	352.109.47	1.664.002.42	N 39°27'38.30"	W 80°41'24.19"
	1805.00	4.69	182.09	1802.87	-42.07	-56.05	-12.95	895.87	0.09	352.102.26	1.664.002.18	N 39°27'38.23"	W 80°41'24.19"
	1895.00	4.15	197.34	1892.61	-47.39	-62.83	-14.06	985.61	1.43	352.095.47	1.663.999.55	N 39°27'38.16"	W 80°41'24.21"
	1985.00	4.03	203.04	1982.36	-51.50	-68.85	-16.27	1075.38	0.47	352.089.45	1.663.999.85	N 39°27'38.10"	W 80°41'24.23"
	2074.00	4.28	205.58	2071.15	-55.28	-74.72	-18.92	1164.15	0.35	352.083.58	1.663.996.19	N 39°27'38.04"	W 80°41'24.27"
	2164.00	4.68	210.24	2160.87	-58.98	-80.83	-22.22	1253.87	0.60	352.077.38	1.663.992.89	N 39°27'37.98"	W 80°41'24.31"
	2254.00	5.08	211.24	2250.54	-62.72	-87.50	-26.14	1343.54	0.45	352.070.80	1.663.988.97	N 39°27'37.91"	W 80°41'24.36"
	2343.00	5.24	210.01	2339.18	-66.65	-94.39	-30.22	1432.18	0.22	352.063.91	1.663.984.90	N 39°27'37.84"	W 80°41'24.41"
	2433.00	5.43	211.62	2428.78	-70.73	-101.58	-34.50	1521.79	0.27	352.056.73	1.663.980.61	N 39°27'37.77"	W 80°41'24.46"
	2523.00	5.43	213.38	2518.38	-74.96	-108.76	-39.08	1611.39	0.32	352.048.85	1.663.976.02	N 39°27'37.72"	W 80°41'24.47"
	2612.00	5.17	211.00	2607.01	-78.50	-115.71	-43.46	1700.01	0.38	352.042.59	1.663.971.65	N 39°27'37.67"	W 80°41'24.47"
	2702.00	4.90	207.63	2698.68	-82.52	-122.59	-47.33	1789.66	0.44	352.035.71	1.663.967.78	N 39°27'37.56"	W 80°41'24.52"
	2791.00	4.78	205.95	2785.36	-86.63	-129.30	-50.72	1878.35	0.21	352.029.01	1.663.964.40	N 39°27'37.50"	W 80°41'24.60"
	2881.00	4.48	203.45	2875.05	-90.82	-135.88	-53.75	1968.05	0.42	352.022.43	1.663.961.36	N 39°27'37.43"	W 80°41'24.70"
	2970.00	4.25	199.74	2921.92	-93.03	-138.19	-55.07	2014.82	0.75	352.019.11	1.663.960.05	N 39°27'37.40"	W 80°41'24.72"
	3079.00	3.70	199.04	3072.55	-99.84	-146.07	-58.55	2105.95	0.37	352.009.24	1.663.956.57	N 39°27'37.30"	W 80°41'24.76"
	3169.00	6.05	3162.87	3162.87	-105.28	-167.77	-61.09	2255.18	3.28	352.001.54	1.663.954.02	N 39°27'37.22"	W 80°41'24.76"
	3258.00	9.14	197.87	3250.33	-113.45	-168.41	-64.84	2343.33	2.80	351.989.03	1.663.950.27	N 39°27'37.16"	W 80°41'24.81"
	3348.00	10.83	198.88	3338.96	-123.70	-183.16	-69.91	2431.96	1.52	351.975.15	1.663.945.20	N 39°27'36.96"	W 80°41'24.80"
	3438.00	12.59	198.35	3427.08	-135.67	-200.43	-75.87	2520.08	1.58	351.957.88	1.663.939.24	N 39°27'36.79"	W 80°41'24.87"
	3527.00	14.30	196.24	3513.64	-149.72	-220.19	-82.00	2606.64	2.00	351.938.12	1.663.933.12	N 39°27'36.59"	W 80°41'25.03"
	3617.00	15.77	197.71	3600.96	-165.64	-242.51	-88.83	2693.56	1.69	351.915.80	1.663.926.29	N 39°27'36.37"	W 80°41'25.13"
	3706.00	16.92	198.99	3685.96	-182.28	-266.72	-96.72	2778.96	1.35	351.892.04	1.663.918.39	N 39°27'36.14"	W 80°41'25.23"
	3796.00	17.21	196.41	3771.87	-198.63	-291.31	-105.39	2864.87	0.44	351.867.01	1.663.909.73	N 39°27'35.89"	W 80°41'25.33"
	3885.00	17.76	196.41	3856.84	-217.11	-314.26	-114.26	2950.84	0.51	351.841.11	1.663.900.86	N 39°27'35.64"	W 80°41'25.45"
	3975.00	17.41	198.57	3942.63	-234.96	-342.32	-123.11	3036.63	0.48	351.816.00	1.663.892.01	N 39°27'35.38"	W 80°41'25.55"
	4065.00	17.14	197.47	4028.57	-252.83	-367.74	-131.38	3121.57	0.47	351.790.58	1.663.883.74	N 39°27'35.13"	W 80°41'25.65"
	4154.00	16.90	196.73	4113.68	-270.57	-392.64	-139.04	3206.68	0.36	351.765.69	1.663.876.08	N 39°27'34.88"	W 80°41'25.74"
	4244.00	16.63	195.95	4199.85	-288.49	-417.55	-146.34	3292.85	0.39	351.740.78	1.663.868.78	N 39°27'34.64"	W 80°41'25.83"
	4334.00	17.40	195.99	4285.91	-306.80	-442.87	-153.59	3378.91	0.86	351.715.45	1.663.861.53	N 39°27'34.38"	W 80°41'25.92"
	4423.00	18.09	196.31	4372.08	-325.59	-468.92	-161.13	3465.68	0.78	351.689.41	1.663.853.89	N 39°27'34.13"	W 80°41'26.01"
	4513.00	18.28	196.45	4458.18	-344.98	-495.87	-168.41	3552.68	0.22	351.662.46	1.663.846.07	N 39°27'33.86"	W 80°41'26.11"
	4603.00	18.29	196.36	4541.64	-364.45	-522.95	-177.03	3634.64	0.23	351.635.38	1.663.838.09	N 39°27'33.59"	W 80°41'26.21"
	4692.00	18.27	196.61	4626.14	-383.67	-549.72	-184.95	3719.14	0.29	351.608.81	1.663.830.17	N 39°27'33.32"	W 80°41'26.30"
	4782.00	18.33	197.13	4711.59	-403.00	-576.77	-193.15	3804.59	0.19	351.581.57	1.663.821.97	N 39°27'33.06"	W 80°41'26.40"
	4872.00	18.08	197.41	4797.00	-422.07	-603.60	-201.49	3890.09	0.32	351.554.73	1.663.813.63	N 39°27'32.79"	W 80°41'26.50"
	4962.00	17.82	197.07	4882.72	-440.72	-630.01	-209.84	3975.72	0.35	351.528.33	1.663.805.18	N 39°27'32.53"	W 80°41'26.61"
	5051.00	17.31	198.77	4967.56	-458.73	-657.57	-218.21	4060.56	0.57	351.502.77	1.663.796.92	N 39°27'32.27"	W 80°41'26.71"
	5141.00	16.99	197.99	5053.57	-476.50	-685.79	-226.54	4145.57	0.44	351.477.55	1.663.788.78	N 39°27'32.02"	W 80°41'26.81"
	5231.00	15.26	206.63	5149.67	-493.49	-704.41	-236.74	4230.67	2.82	351.451.89	1.663.778.38	N 39°27'31.71"	W 80°41'26.91"
	5320.00	15.65	220.00	5149.02	-498.85	-716.57	-243.44	4317.02	7.77	351.441.77	1.663.771.68	N 39°27'31.67"	W 80°41'27.02"
	5376.00	15.72	211.29	5279.71	-508.85	-736.08	-257.43	4372.71	2.84	351.422.27	1.663.757.70	N 39°27'31.47"	W 80°41'27.20"
	5466.00	15.88	207.18	5366.32	-521.38	-757.44	-269.38	4459.32	1.25	351.400.91	1.663.745.75	N 39°27'31.26"	W 80°41'27.34"
	5555.00	15.79	199.55	5451.96	-535.83	-779.67	-278.08	4544.96	2.34	351.378.68	1.663.736.14	N 39°27'31.04"	W 80°41'27.46"
	5645.00	16.25	200.62	5538.46	-551.77	-802.99	-287.52	4631.46	0.61	351.355.25	1.663.727.61	N 39°27'30.81"	W 80°41'27.57"
	5735.00	19.71	214.10	5624.09	-566.40	-830.47	-296.47	4717.09	5.59	351.330.39	1.663.714.66	N 39°27'30.56"	W 80°41'27.73"

8,650.00	90.07	328.73	0.926.51	1,037.30	85.94	-1,028.32	0.019.51	0.48	352,244.23	1,002,000.00	N 30°27'38.38"	W 80°41'40.81"
8,750.00	90.09	328.03	0.926.72	1,127.20	103.30	-1,072.16	0.019.72	0.80	352,251.60	1,002,043.00	N 30°27'40.14"	W 80°41'42.31"
8,870.00	90.10	328.14	0.927.37	1,216.28	230.74	-1,071.86	0.020.37	0.22	352,308.03	1,001,987.25	N 30°27'40.88"	W 80°41'40.87"
8,920.00	90.14	328.85	0.927.86	1,306.27	317.26	-1,068.00	0.020.00	1.00	352,475.57	1,001,951.07	N 30°27'41.03"	W 80°41'50.47"
9,020.00	90.09	330.70	0.927.78	1,303.27	306.46	-1,100.10	0.020.05	1.02	352,593.74	1,001,907.00	N 30°27'42.41"	W 80°41'50.04"
9,140.00	90.05	331.11	0.927.58	1,405.26	478.20	-1,151.38	0.020.09	0.41	352,631.53	1,001,853.05	N 30°27'43.10"	W 80°41'51.04"
9,240.00	90.03	330.30	0.927.79	1,575.25	551.20	-1,160.24	0.020.78	0.05	352,710.12	1,001,820.00	N 30°27'43.92"	W 80°41'52.12"
9,320.00	90.06	330.39	0.927.88	1,684.25	707.20	-1,200.11	0.020.90	0.19	352,787.25	1,001,776.13	N 30°27'44.71"	W 80°41'52.80"
9,410.00	90.78	330.32	0.928.27	1,754.24	767.20	-1,233.00	0.021.37	0.12	352,863.76	1,001,731.60	N 30°27'45.47"	W 80°41'53.27"
9,490.00	90.04	331.00	0.928.57	1,843.24	785.00	-1,277.23	0.021.57	0.77	352,943.34	1,001,688.02	N 30°27'46.23"	W 80°41'53.44"
9,580.00	90.05	330.71	0.928.74	1,933.23	803.70	-1,271.00	0.021.74	0.35	353,021.85	1,001,644.19	N 30°27'47.02"	W 80°41'54.41"
9,670.00	90.07	330.44	0.929.00	2,023.22	942.00	-1,215.37	0.021.89	0.32	353,100.35	1,001,598.90	N 30°27'47.77"	W 80°41'54.09"
9,760.00	90.02	330.67	0.929.08	2,112.22	1,019.50	-1,250.02	0.022.05	0.26	353,177.85	1,001,555.23	N 30°27'48.59"	W 80°41'54.59"
9,850.00	90.01	330.90	0.929.12	2,202.21	1,098.01	-1,293.18	0.022.12	0.16	353,255.25	1,001,512.08	N 30°27'49.39"	W 80°41'54.14"
9,940.00	90.00	330.92	0.929.15	2,291.21	1,175.51	-1,340.00	0.022.15	0.09	353,333.74	1,001,468.91	N 30°27'50.05"	W 80°41'53.71"
10,030.00	90.00	330.74	0.929.27	2,381.20	1,253.94	-1,391.00	0.022.37	0.25	353,412.17	1,001,424.17	N 30°27'50.85"	W 80°41'53.28"
10,120.00	90.07	330.08	0.929.45	2,470.20	1,331.32	-1,443.00	0.022.45	0.76	353,490.66	1,001,380.21	N 30°27'51.57"	W 80°41'53.00"
10,210.00	90.14	330.82	0.929.46	2,560.20	1,409.01	-1,495.45	0.022.45	0.80	353,567.85	1,001,335.81	N 30°27'52.35"	W 80°41'52.44"
10,300.00	90.00	330.83	0.929.30	2,649.19	1,487.32	-1,547.82	0.022.35	0.16	353,645.55	1,001,292.43	N 30°27'53.12"	W 80°41'52.00"
10,390.00	90.30	330.70	0.928.73	2,839.17	1,844.30	-1,610.74	0.021.75	0.23	353,802.00	1,001,204.84	N 30°27'54.00"	W 80°41'51.19"
10,470.00	90.03	330.58	0.927.81	2,918.16	1,721.84	-1,684.39	0.020.81	0.43	353,880.15	1,001,160.88	N 30°27'54.87"	W 80°41'50.72"
10,560.00	90.03	330.03	0.928.71	3,008.15	1,803.20	-1,760.04	0.019.71	0.27	353,958.28	1,001,118.73	N 30°27'55.71"	W 80°41'50.20"
10,750.00	90.55	331.08	0.928.81	3,097.15	1,885.11	-1,841.84	0.019.14	0.44	354,036.41	1,001,074.54	N 30°27'56.59"	W 80°41'49.67"
10,940.00	91.00	330.01	0.929.52	3,187.12	1,968.47	-1,926.00	0.017.52	1.33	354,114.60	1,001,030.10	N 30°27'57.73"	W 80°41'49.24"
10,930.00	91.11	330.00	0.929.70	3,277.10	2,054.43	-1,991.03	0.015.70	0.05	354,192.62	1,000,984.25	N 30°27'58.45"	W 80°41'48.77"
11,020.00	91.15	329.91	0.921.04	3,366.00	2,111.43	-1,975.54	0.014.04	0.17	354,269.66	1,000,939.74	N 30°27'59.34"	W 80°41'48.11"
11,110.00	90.83	329.87	0.918.41	3,456.07	2,169.32	-1,920.08	0.012.41	0.24	354,347.20	1,000,894.61	N 30°27'59.01"	W 80°41'47.19"
11,201.00	91.18	330.30	0.917.70	3,545.06	2,248.46	-1,985.00	0.010.70	0.08	354,424.83	1,000,850.24	N 30°27'59.70"	W 80°41'46.77"
11,291.00	91.24	330.55	0.915.08	3,635.03	2,344.71	-1,950.47	0.009.08	0.28	354,502.88	1,000,805.03	N 30°27'59.19"	W 80°41'45.81"
11,380.00	90.30	330.92	0.914.00	3,724.01	2,429.78	-1,950.00	0.008.15	0.85	354,581.21	1,000,760.00	N 30°27'58.69"	W 80°41'45.30"
11,470.00	90.80	330.68	0.912.30	3,814.00	2,500.00	-1,990.25	0.005.00	0.71	354,659.20	1,000,715.85	N 30°27'58.07"	W 80°41'44.51"
11,558.00	91.05	330.74	0.910.80	3,902.88	2,576.00	-1,943.22	0.003.83	0.10	354,735.04	1,000,671.00	N 30°27'57.31"	W 80°41'43.77"
11,648.00	91.05	330.89	0.908.30	3,992.87	2,654.69	-1,986.44	0.002.30	0.21	354,812.84	1,000,626.80	N 30°27'56.57"	W 80°41'43.23"
11,738.00	90.78	330.74	0.907.80	4,081.86	2,731.03	-1,933.16	0.000.89	0.36	354,890.77	1,000,582.15	N 30°27'55.82"	W 80°41'42.67"
11,828.00	90.02	330.61	0.905.00	4,171.85	2,809.31	-1,978.59	0.000.80	0.23	354,968.45	1,000,537.72	N 30°27'55.07"	W 80°41'42.00"
11,917.00	90.48	330.43	0.902.58	4,260.84	2,888.01	-1,923.73	0.000.05	0.26	355,046.14	1,000,493.20	N 30°27'54.31"	W 80°41'41.27"
12,007.00	90.38	330.15	0.900.13	4,350.81	2,967.78	-1,950.00	0.000.15	0.85	355,124.05	1,000,448.21	N 30°27'53.59"	W 80°41'40.53"
12,096.00	90.09	330.70	0.900.16	4,439.83	3,046.84	-1,913.54	0.000.16	0.44	355,198.57	1,000,403.78	N 30°27'52.83"	W 80°41'39.82"
12,185.00	90.30	330.00	0.901.34	4,528.83	3,125.80	-1,868.17	0.000.34	0.44	355,275.95	1,000,357.15	N 30°27'52.07"	W 80°41'39.17"
12,275.00	90.02	330.73	0.902.58	4,618.82	3,195.07	-1,793.30	0.000.50	0.41	355,353.70	1,000,311.87	N 30°27'51.30"	W 80°41'38.47"
12,365.00	90.03	330.88	0.901.44	4,708.91	3,273.43	-1,748.01	0.000.44	0.20	355,431.58	1,000,266.71	N 30°27'50.54"	W 80°41'37.79"
12,454.00	90.03	330.60	0.900.14	4,797.90	3,352.42	-1,763.28	0.000.14	0.03	355,509.53	1,000,222.05	N 30°27'49.78"	W 80°41'37.07"
12,544.00	90.74	330.87	0.900.80	4,887.89	3,432.28	-1,800.59	0.001.80	0.17	355,587.59	1,000,176.84	N 30°27'49.01"	W 80°41'36.35"
12,634.00	90.78	330.55	0.900.78	4,977.88	3,512.03	-1,840.70	0.000.70	0.85	355,665.64	1,000,131.82	N 30°27'48.25"	W 80°41'35.63"
12,724.00	90.81	330.92	0.900.00	5,067.87	3,591.89	-1,890.40	0.000.80	0.80	355,743.65	1,000,086.86	N 30°27'47.49"	W 80°41'34.91"
12,813.00	90.70	330.48	0.898.28	5,158.87	3,672.72	-1,937.75	0.000.29	0.68	355,821.81	1,000,041.59	N 30°27'46.73"	W 80°41'34.19"
12,902.00	90.77	330.43	0.904.13	5,248.86	3,752.30	-1,984.08	0.000.15	0.60	355,900.45	1,000,000.26	N 30°27'45.97"	W 80°41'33.47"
12,992.00	90.03	330.70	0.902.81	5,338.84	3,831.59	-1,995.16	0.000.51	0.73	355,978.67	1,000,000.17	N 30°27'45.21"	W 80°41'32.75"
13,082.00	90.02	330.30	0.891.36	5,428.83	3,911.78	-1,911.45	0.000.35	0.96	356,056.84	1,000,000.88	N 30°27'44.45"	W 80°41'32.03"
13,171.00	90.81	330.60	0.890.01	5,518.80	3,992.43	-1,958.04	0.000.01	0.45	356,135.00	1,000,000.71	N 30°27'43.69"	W 80°41'31.31"
13,261.00	91.28	330.91	0.890.25	5,608.78	4,073.20	-1,991.29	0.000.29	0.67	356,213.17	1,000,000.54	N 30°27'42.93"	W 80°41'30.59"
13,351.00	90.84	330.92	0.890.10	5,698.75	4,153.91	-1,990.16	0.000.16	0.10	356,291.27	1,000,000.37	N 30°27'42.17"	W 80°41'29.87"
13,440.00	91.58	330.90	0.893.73	5,788.72	4,234.14	-1,991.08	0.000.73	0.71	356,369.41	1,000,000.20	N 30°27'41.41"	W 80°41'29.15"
13,530.00	90.91	330.03	0.891.70	5,878.70	4,314.38	-1,974.70	0.000.70	0.80	356,447.55	1,000,000.03	N 30°27'40.65"	W 80°41'28.43"
13,618.00	90.85	330.77	0.890.33	5,968.69	4,394.60	-1,960.26	0.000.33	0.20	356,525.69	1,000,000.11	N 30°27'39.89"	W 80°41'27.71"
13,708.00	90.95	330.22	0.890.83	6,058.67	4,474.83	-1,945.25	0.000.83	0.00	356,603.77	1,000,000.11	N 30°27'39.13"	W 80°41'26.99"
13,798.00	90.83	330.23	0.897.37	6,148.80	4,555.07	-1,930.43	0.000.37	0.04	356,681.82	1,000,000.00	N 30°27'38.37"	W 80°41'26.27"
13,888.00	90.05	330.10	0.895.84	6,238.83	4,635.31	-1,915.19	0.000.84	0.17	356,759.87	1,000,000.18	N 30°27'37.61"	W 80°41'25.55"
13,978.00	91.01	331.01	0.893.06	6,328.81	4,715.55	-1,900.16	0.000.06	0.42	356,837.92	1,000,000.31	N 30°27'36.85"	W 80°41'24.83"
14,067.00	91.18	330.89	0.890.78	6,418.82	4,795.79	-1,885.13	0.000.78	1.30	356,915.97	1,000,000.44	N 30°27'36.09"	W 80°41'24.11"
14,157.00	90.81	330.39	0.891.19	6,508.80	4,875.99	-1,870.17	0.000.19	0.50	356,993.92	1,000,000.57	N 30°27'35.33"	W 80°41'23.39"
14,246.00	90.40	330.37	0.890.25	6,598.80	4,956.23	-1,855.16	0.000.25	2.30	357,071.97	1,000,000.70	N 30°27'34.57"	W 80°41'22.67"
14,336.00	91.08	330.00	0.890.11	6,688.80	5,036.47	-1,790.00	0.000.11	1.05	357,149.18	1,000,000.83	N 30°27'33.81"	W 80°41'21.95"
14,426.00	91.20	330.50	0.897.37	6,778.85	5,116.71	-1,775.12	0.000.37	0.84	357,227.23	1,000,000.96	N 30°27'33.05"	W 80°41'21.23"
14,515.00	91.00	330.63	0.895.87	6,868.82	5,196.95	-1,760.17	0.000.87	0.13	357,305.28	1,000,001.09	N 30°27'32.29"	W 80°41'20.51"
14,604.00	91.11	331.01	0.893.06	6,958.80	5,277.19	-1,745.16	0.000.06	0.42	357,383.33	1,000,001.22	N 30°27'31.53"	W 80°41'19.79"
14,694.00	91.08	330.80	0.892.27	7,048.78	5,357.43	-1,730.17	0.000.27	1.30	357,461.38	1,000,001.35	N 30°27'30.77"	W 80°41'19.07"
14,783.00	91.13	330.08	0.890.70	7,138.77	5,437.67	-1,715.17	0.000.70	0.41	357,539.43	1,000,001.48	N 30°27'30.01"	W 80°41'18.35"
14,873.00	90.08	330.28	0.889.08	7,228.76	5,517.91	-1,700.17						