

Tank ID **100-019** Tank Type **F** Roof Weight **132,380** API **10.00** Gravity Correction **2.68**  
 Strapped By: **HMT** 6/20/2013 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
0-00-00	33.80	3-06-00	6,721.02	7-00-00	13,749.09 F	10-06-00	21,155.74 F
0-01-00	69.87	3-07-00	6,897.39	7-01-00	13,925.42 F	10-07-00	21,332.14 F
0-02-00	122.22	3-08-00	7,073.77	7-02-00	14,101.76 F	10-08-00	21,508.53 F
0-03-00	194.97	3-09-00	7,250.15	7-03-00	14,278.09 F	10-09-00	21,684.92 F
0-04-00	284.93	3-10-00	7,426.52	7-04-00	14,454.43 F	10-10-00	21,861.31 F
0-05-00	388.13	3-11-00	7,602.90	7-05-00	14,630.77 F	10-11-00	22,037.70 F
0-06-00	503.92	4-00-00	7,779.28	7-06-00	14,807.10 F	11-00-00	22,214.10 F
0-07-00	628.73	4-01-00	7,955.65	7-07-00	14,983.44 F	11-01-00	22,390.49 F
0-08-00	764.56	4-02-00	8,132.03	7-08-00	15,159.77 F	11-02-00	22,566.88 F
0-09-00	913.55	4-03-00	8,308.41	7-09-00	15,336.11 F	11-03-00	22,743.27 F
0-10-00	1,078.28	4-04-00	8,484.78	7-10-00	15,512.45 F	11-04-00	22,919.66 F
0-11-00	1,254.30	4-05-00	8,661.14	7-11-00	15,688.78 F	11-05-00	23,096.06 F
1-00-00	1,430.63	4-06-00	8,837.48	8-00-00	15,865.12 F	11-06-00	23,272.45 F
1-01-00	1,606.96	4-07-00	9,013.81	8-01-00	16,041.45 F	11-07-00	23,448.84 F
1-02-00	1,783.29	4-08-00	9,190.15	8-02-00	16,217.79 F	11-08-00	23,625.23 F
1-03-00	1,959.63	<b>4-09-00</b>	9,366.48 F	8-03-00	16,394.13 F	11-09-00	23,801.62 F
1-04-00	2,135.96	<b>4-10-00</b>	9,448.20 F	8-04-00	16,570.46 F	11-10-00	23,978.02 F
1-05-00	2,312.28	<b>4-11-00</b>	9,498.38 F	8-05-00	16,746.80 F	11-11-00	24,154.41 F
1-06-00	2,488.59	<b>5-00-00</b>	9,548.56 F	8-06-00	16,923.13 F	12-00-00	24,330.80 F
1-07-00	2,664.91	<b>5-01-00</b>	9,693.36 F	8-07-00	17,099.47 F	12-01-00	24,507.19 F
1-08-00	2,841.23	5-02-00	9,869.69 F	8-08-00	17,275.81 F	12-02-00	24,683.58 F
1-09-00	3,017.55	5-03-00	10,046.03 F	8-09-00	17,452.14 F	12-03-00	24,859.98 F
1-10-00	3,193.87	5-04-00	10,222.37 F	8-10-00	17,628.48 F	12-04-00	25,036.37 F
1-11-00	3,370.18	5-05-00	10,398.70 F	8-11-00	17,804.81 F	12-05-00	25,212.76 F
2-00-00	3,546.50	5-06-00	10,575.04 F	9-00-00	17,981.15 F	12-06-00	25,389.15 F
2-01-00	3,722.82	5-07-00	10,751.37 F	9-01-00	18,157.49 F	12-07-00	25,565.54 F
2-02-00	3,899.14	5-08-00	10,927.71 F	9-02-00	18,333.82 F	12-08-00	25,741.94 F
2-03-00	4,075.45	5-09-00	11,104.05 F	9-03-00	18,510.16 F	12-09-00	25,918.33 F
2-04-00	4,251.77	5-10-00	11,280.38 F	9-04-00	18,686.49 F	12-10-00	26,094.72 F
2-05-00	4,428.12	5-11-00	11,456.72 F	9-05-00	18,862.83 F	12-11-00	26,271.11 F
2-06-00	4,604.49	6-00-00	11,633.05 F	9-06-00	19,039.17 F	13-00-00	26,447.50 F
2-07-00	4,780.87	6-01-00	11,809.39 F	9-07-00	19,215.50 F	13-01-00	26,623.90 F
2-08-00	4,957.25	6-02-00	11,985.73 F	9-08-00	19,391.84 F	13-02-00	26,800.29 F
2-09-00	5,133.62	6-03-00	12,162.06 F	9-09-00	19,568.22 F	13-03-00	26,976.68 F
2-10-00	5,310.00	6-04-00	12,338.40 F	9-10-00	19,744.61 F	13-04-00	27,153.07 F
2-11-00	5,486.38	6-05-00	12,514.73 F	9-11-00	19,921.00 F	13-05-00	27,329.46 F
3-00-00	5,662.75	6-06-00	12,691.07 F	10-00-00	20,097.39 F	13-06-00	27,505.86 F
3-01-00	5,839.13	6-07-00	12,867.41 F	10-01-00	20,273.78 F	13-07-00	27,682.25 F
3-02-00	6,015.51	6-08-00	13,043.74 F	10-02-00	20,450.18 F	13-08-00	27,858.64 F
3-03-00	6,191.89	6-09-00	13,220.08 F	10-03-00	20,626.57 F	13-09-00	28,035.03 F
3-04-00	6,368.26	6-10-00	13,396.41 F	10-04-00	20,802.96 F	13-10-00	28,211.42 F
3-05-00	6,544.64	6-11-00	13,572.75 F	10-05-00	20,979.35 F	13-11-00	28,387.82 F

All fractional values are to be calculated between the one inch values at the point of strapping

**BOLD DENOTES ROOF CRITICAL ZONE**

Tank ID **100-019** Tank Type **F** Roof Weight **132,380** API **10.00** Gravity Correction **2.68**  
 Strapped By: **HMT** 6/20/2013 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
14-00-00	28,564.21 F	17-06-00	35,972.67 F	21-00-00	43,383.63 F	24-06-00	50,798.34 F
14-01-00	28,740.60 F	17-07-00	36,149.06 F	21-01-00	43,560.17 F	24-07-00	50,974.88 F
14-02-00	28,916.99 F	17-08-00	36,325.46 F	21-02-00	43,736.71 F	24-08-00	51,151.42 F
14-03-00	29,093.38 F	17-09-00	36,501.85 F	21-03-00	43,913.25 F	24-09-00	51,327.96 F
14-04-00	29,269.78 F	17-10-00	36,678.24 F	21-04-00	44,089.79 F	24-10-00	51,504.50 F
14-05-00	29,446.17 F	17-11-00	36,854.63 F	21-05-00	44,266.33 F	24-11-00	51,681.05 F
14-06-00	29,622.56 F	18-00-00	37,031.02 F	21-06-00	44,442.87 F	25-00-00	51,857.59 F
14-07-00	29,798.95 F	18-01-00	37,207.42 F	21-07-00	44,619.41 F	25-01-00	52,034.13 F
14-08-00	29,975.34 F	18-02-00	37,383.81 F	21-08-00	44,795.95 F	25-02-00	52,210.67 F
14-09-00	30,151.74 F	18-03-00	37,560.20 F	21-09-00	44,972.50 F	25-03-00	52,387.21 F
14-10-00	30,328.13 F	18-04-00	37,736.59 F	21-10-00	45,149.04 F	25-04-00	52,563.75 F
14-11-00	30,504.52 F	18-05-00	37,912.98 F	21-11-00	45,325.58 F	25-05-00	52,740.29 F
15-00-00	30,680.91 F	18-06-00	38,089.38 F	22-00-00	45,502.12 F	25-06-00	52,916.83 F
15-01-00	30,857.30 F	18-07-00	38,265.77 F	22-01-00	45,678.66 F	25-07-00	53,093.37 F
15-02-00	31,033.70 F	18-08-00	38,442.16 F	22-02-00	45,855.20 F	25-08-00	53,269.91 F
15-03-00	31,210.09 F	18-09-00	38,618.55 F	22-03-00	46,031.74 F	25-09-00	53,446.45 F
15-04-00	31,386.48 F	18-10-00	38,794.94 F	22-04-00	46,208.28 F	25-10-00	53,622.99 F
15-05-00	31,562.87 F	18-11-00	38,971.34 F	22-05-00	46,384.82 F	25-11-00	53,799.54 F
15-06-00	31,739.26 F	19-00-00	39,147.73 F	22-06-00	46,561.36 F	26-00-00	53,976.08 F
15-07-00	31,915.66 F	19-01-00	39,324.12 F	22-07-00	46,737.90 F	26-01-00	54,152.62 F
15-08-00	32,092.05 F	19-02-00	39,500.51 F	22-08-00	46,914.44 F	26-02-00	54,329.16 F
15-09-00	32,268.44 F	19-03-00	39,676.90 F	22-09-00	47,090.98 F	26-03-00	54,505.70 F
15-10-00	32,444.83 F	19-04-00	39,853.30 F	22-10-00	47,267.53 F	26-04-00	54,682.24 F
15-11-00	32,621.22 F	19-05-00	40,029.69 F	22-11-00	47,444.07 F	26-05-00	54,858.78 F
16-00-00	32,797.62 F	19-06-00	40,206.08 F	23-00-00	47,620.61 F	26-06-00	55,035.32 F
16-01-00	32,974.01 F	19-07-00	40,382.47 F	23-01-00	47,797.15 F	26-07-00	55,211.86 F
16-02-00	33,150.40 F	19-08-00	40,558.86 F	23-02-00	47,973.69 F	26-08-00	55,388.40 F
16-03-00	33,326.79 F	19-09-00	40,735.25 F	23-03-00	48,150.23 F	26-09-00	55,564.94 F
16-04-00	33,503.18 F	19-10-00	40,912.06 F	23-04-00	48,326.77 F	26-10-00	55,741.48 F
16-05-00	33,679.58 F	19-11-00	41,088.60 F	23-05-00	48,503.31 F	26-11-00	55,918.02 F
16-06-00	33,855.97 F	20-00-00	41,265.14 F	23-06-00	48,679.85 F	27-00-00	56,094.57 F
16-07-00	34,032.36 F	20-01-00	41,441.68 F	23-07-00	48,856.39 F	27-01-00	56,271.11 F
16-08-00	34,208.75 F	20-02-00	41,618.22 F	23-08-00	49,032.93 F	27-02-00	56,447.65 F
16-09-00	34,385.14 F	20-03-00	41,794.76 F	23-09-00	49,209.47 F	27-03-00	56,624.19 F
16-10-00	34,561.54 F	20-04-00	41,971.30 F	23-10-00	49,386.02 F	27-04-00	56,800.73 F
16-11-00	34,737.93 F	20-05-00	42,147.84 F	23-11-00	49,562.56 F	27-05-00	56,977.27 F
17-00-00	34,914.32 F	20-06-00	42,324.38 F	24-00-00	49,739.10 F	27-06-00	57,153.81 F
17-01-00	35,090.71 F	20-07-00	42,500.92 F	24-01-00	49,915.64 F	27-07-00	57,330.35 F
17-02-00	35,267.10 F	20-08-00	42,677.46 F	24-02-00	50,092.18 F	27-08-00	57,506.89 F
17-03-00	35,443.50 F	20-09-00	42,854.01 F	24-03-00	50,268.72 F	27-09-00	57,683.43 F
17-04-00	35,619.89 F	20-10-00	43,030.55 F	24-04-00	50,445.26 F	27-10-00	57,859.97 F
17-05-00	35,796.28 F	20-11-00	43,207.09 F	24-05-00	50,621.80 F	27-11-00	58,036.51 F

All fractional values are to be calculated between the one inch values at the point of strapping

**BOLD DENOTES ROOF CRITICAL ZONE**

Tank ID **100-019** Tank Type **F** Roof Weight **132,380** API **10.00** Gravity Correction **2.68**  
 Strapped By: **HMT** 6/20/2013 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
28-00-00	58,213.06 F	31-06-00	65,632.30 F	35-00-00	73,054.01 F	38-06-00	80,475.71 F
28-01-00	58,389.60 F	31-07-00	65,809.01 F	35-01-00	73,230.71 F	38-07-00	80,652.42 F
28-02-00	58,566.14 F	31-08-00	65,985.72 F	35-02-00	73,407.42 F	38-08-00	80,829.12 F
28-03-00	58,742.68 F	31-09-00	66,162.42 F	35-03-00	73,584.13 F	38-09-00	81,005.83 F
28-04-00	58,919.22 F	31-10-00	66,339.13 F	35-04-00	73,760.83 F	38-10-00	81,182.54 F
28-05-00	59,095.76 F	31-11-00	66,515.84 F	35-05-00	73,937.54 F	38-11-00	81,359.37 F
28-06-00	59,272.30 F	32-00-00	66,692.55 F	35-06-00	74,114.25 F	39-00-00	81,536.25 F
28-07-00	59,448.84 F	32-01-00	66,869.25 F	35-07-00	74,290.96 F	39-01-00	81,713.13 F
28-08-00	59,625.38 F	32-02-00	67,045.96 F	35-08-00	74,467.66 F	39-02-00	81,890.01 F
28-09-00	59,801.92 F	32-03-00	67,222.67 F	35-09-00	74,644.37 F	39-03-00	82,066.89 F
28-10-00	59,978.46 F	32-04-00	67,399.38 F	35-10-00	74,821.08 F	39-04-00	82,243.76 F
28-11-00	60,155.00 F	32-05-00	67,576.08 F	35-11-00	74,997.78 F	39-05-00	82,420.64 F
29-00-00	60,331.54 F	32-06-00	67,752.79 F	36-00-00	75,174.49 F	39-06-00	82,597.52 F
29-01-00	60,508.09 F	32-07-00	67,929.50 F	36-01-00	75,351.20 F	39-07-00	82,774.40 F
29-02-00	60,684.63 F	32-08-00	68,106.20 F	36-02-00	75,527.91 F	39-08-00	82,951.28 F
29-03-00	60,861.21 F	32-09-00	68,282.91 F	36-03-00	75,704.61 F	39-09-00	83,128.16 F
29-04-00	61,037.92 F	32-10-00	68,459.62 F	36-04-00	75,881.32 F	39-10-00	83,305.03 F
29-05-00	61,214.62 F	32-11-00	68,636.33 F	36-05-00	76,058.03 F	39-11-00	83,481.91 F
29-06-00	61,391.33 F	33-00-00	68,813.03 F	36-06-00	76,234.74 F	40-00-00	83,658.79 F
29-07-00	61,568.04 F	33-01-00	68,989.74 F	36-07-00	76,411.44 F	40-01-00	83,835.67 F
29-08-00	61,744.74 F	33-02-00	69,166.45 F	36-08-00	76,588.15 F	40-02-00	84,012.55 F
29-09-00	61,921.45 F	33-03-00	69,343.15 F	36-09-00	76,764.86 F	40-03-00	84,189.43 F
29-10-00	62,098.16 F	33-04-00	69,519.86 F	36-10-00	76,941.56 F	40-04-00	84,366.31 F
29-11-00	62,274.87 F	33-05-00	69,696.57 F	36-11-00	77,118.27 F	40-05-00	84,543.18 F
30-00-00	62,451.57 F	33-06-00	69,873.28 F	37-00-00	77,294.98 F	40-06-00	84,720.06 F
30-01-00	62,628.28 F	33-07-00	70,049.98 F	37-01-00	77,471.69 F	40-07-00	84,896.94 F
30-02-00	62,804.99 F	33-08-00	70,226.69 F	37-02-00	77,648.39 F	40-08-00	85,073.82 F
30-03-00	62,981.70 F	33-09-00	70,403.40 F	37-03-00	77,825.10 F	40-09-00	85,250.70 F
30-04-00	63,158.40 F	33-10-00	70,580.10 F	37-04-00	78,001.81 F	40-10-00	85,427.58 F
30-05-00	63,335.11 F	33-11-00	70,756.81 F	37-05-00	78,178.51 F	40-11-00	85,604.45 F
30-06-00	63,511.82 F	34-00-00	70,933.52 F	37-06-00	78,355.22 F	41-00-00	85,781.33 F
30-07-00	63,688.52 F	34-01-00	71,110.23 F	37-07-00	78,531.93 F	41-01-00	85,958.21 F
30-08-00	63,865.23 F	34-02-00	71,286.93 F	37-08-00	78,708.64 F	41-02-00	86,135.09 F
30-09-00	64,041.94 F	34-03-00	71,463.64 F	37-09-00	78,885.34 F	41-03-00	86,311.97 F
30-10-00	64,218.65 F	34-04-00	71,640.35 F	37-10-00	79,062.05 F	41-04-00	86,488.85 F
30-11-00	64,395.35 F	34-05-00	71,817.06 F	37-11-00	79,238.76 F	41-05-00	86,665.72 F
31-00-00	64,572.06 F	34-06-00	71,993.76 F	38-00-00	79,415.46 F	41-06-00	86,842.60 F
31-01-00	64,748.77 F	34-07-00	72,170.47 F	38-01-00	79,592.17 F	41-07-00	87,019.48 F
31-02-00	64,925.47 F	34-08-00	72,347.18 F	38-02-00	79,768.88 F	41-08-00	87,196.36 F
31-03-00	65,102.18 F	34-09-00	72,523.88 F	38-03-00	79,945.59 F	41-09-00	87,373.24 F
31-04-00	65,278.89 F	34-10-00	72,700.59 F	38-04-00	80,122.29 F	41-10-00	87,550.12 F
31-05-00	65,455.60 F	34-11-00	72,877.30 F	38-05-00	80,299.00 F	41-11-00	87,726.99 F

All fractional values are to be calculated between the one inch values at the point of strapping

**BOLD DENOTES ROOF CRITICAL ZONE**

Tank ID **100-019** Tank Type **F** Roof Weight **132,380** API **10.00** Gravity Correction **2.68**  
 Strapped By: HMT 6/20/2013 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
42-00-00	87,903.87 F	45-06-00	95,332.77 F	49-00-00	102,762.28 F	52-06-00	110,195.34 F
42-01-00	88,080.75 F	45-07-00	95,509.64 F	49-01-00	102,939.26 F	52-07-00	110,372.32 F
42-02-00	88,257.63 F	45-08-00	95,686.52 F	49-02-00	103,116.23 F	52-08-00	110,549.29 F
42-03-00	88,434.51 F	45-09-00	95,863.40 F	49-03-00	103,293.21 F	52-09-00	110,726.27 F
42-04-00	88,611.39 F	45-10-00	96,040.28 F	49-04-00	103,470.19 F	52-10-00	110,903.25 F
42-05-00	88,788.27 F	45-11-00	96,217.16 F	49-05-00	103,647.17 F	52-11-00	111,080.23 F
42-06-00	88,965.14 F	46-00-00	96,394.04 F	49-06-00	103,824.14 F	53-00-00	111,257.20 F
42-07-00	89,142.02 F	46-01-00	96,570.91 F	49-07-00	104,001.12 F	53-01-00	111,434.18 F
42-08-00	89,318.90 F	46-02-00	96,747.79 F	49-08-00	104,178.10 F	53-02-00	111,611.16 F
42-09-00	89,495.78 F	46-03-00	96,924.67 F	49-09-00	104,355.08 F	53-03-00	111,788.14 F
42-10-00	89,672.66 F	46-04-00	97,101.55 F	49-10-00	104,532.05 F	53-04-00	111,965.11 F
42-11-00	89,849.54 F	46-05-00	97,278.43 F	49-11-00	104,709.03 F	53-05-00	112,142.09 F
43-00-00	90,026.41 F	46-06-00	97,455.31 F	50-00-00	104,886.01 F	53-06-00	112,319.07 F
43-01-00	90,203.29 F	46-07-00	97,632.19 F	50-01-00	105,062.99 F	53-07-00	112,496.05 F
43-02-00	90,380.17 F	46-08-00	97,809.06 F	50-02-00	105,239.97 F	53-08-00	112,673.02 F
43-03-00	90,557.05 F	46-09-00	97,985.94 F	50-03-00	105,416.94 F		
43-04-00	90,733.93 F	46-10-00	98,162.82 F	50-04-00	105,593.92 F		
43-05-00	90,910.81 F	46-11-00	98,339.70 F	50-05-00	105,770.90 F		
43-06-00	91,087.68 F	47-00-00	98,516.58 F	50-06-00	105,947.88 F		
43-07-00	91,264.56 F	47-01-00	98,693.46 F	50-07-00	106,124.85 F		
43-08-00	91,441.44 F	47-02-00	98,870.33 F	50-08-00	106,301.83 F		
43-09-00	91,618.32 F	47-03-00	99,047.21 F	50-09-00	106,478.81 F		
43-10-00	91,795.20 F	47-04-00	99,224.09 F	50-10-00	106,655.79 F		
43-11-00	91,972.08 F	47-05-00	99,400.97 F	50-11-00	106,832.76 F		
44-00-00	92,148.95 F	47-06-00	99,577.85 F	51-00-00	107,009.74 F		
44-01-00	92,325.83 F	47-07-00	99,754.73 F	51-01-00	107,186.72 F		
44-02-00	92,502.71 F	47-08-00	99,931.60 F	51-02-00	107,363.70 F		
44-03-00	92,679.59 F	47-09-00	100,108.48 F	51-03-00	107,540.67 F		
44-04-00	92,856.47 F	47-10-00	100,285.36 F	51-04-00	107,717.65 F		
44-05-00	93,033.35 F	47-11-00	100,462.24 F	51-05-00	107,894.63 F		
44-06-00	93,210.23 F	48-00-00	100,639.12 F	51-06-00	108,071.61 F		
44-07-00	93,387.10 F	48-01-00	100,816.00 F	51-07-00	108,248.58 F		
44-08-00	93,563.98 F	48-02-00	100,992.87 F	51-08-00	108,425.56 F		
44-09-00	93,740.86 F	48-03-00	101,169.75 F	51-09-00	108,602.54 F		
44-10-00	93,917.74 F	48-04-00	101,346.63 F	51-10-00	108,779.52 F		
44-11-00	94,094.62 F	48-05-00	101,523.51 F	51-11-00	108,956.49 F		
45-00-00	94,271.50 F	48-06-00	101,700.41 F	52-00-00	109,133.47 F		
45-01-00	94,448.37 F	48-07-00	101,877.39 F	52-01-00	109,310.45 F		
45-02-00	94,625.25 F	48-08-00	102,054.37 F	52-02-00	109,487.43 F		
45-03-00	94,802.13 F	48-09-00	102,231.35 F	52-03-00	109,664.41 F		
45-04-00	94,979.01 F	48-10-00	102,408.32 F	52-04-00	109,841.38 F		
45-05-00	95,155.89 F	48-11-00	102,585.30 F	52-05-00	110,018.36 F		

All fractional values are to be calculated between the one inch values at the point of strapping

**BOLD DENOTES ROOF CRITICAL ZONE**