

Tank Strapping Detail Report

Tank ID **100-008** Tank Type **F** Roof Weight **13,414** API **10.00** Gravity Correction **.27**
 Strapped By: **HMT** 6/30/2015 Floating Height **6-01-00**

<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	3.22	3-06-00	5,780.45	7-00-00	13,141.34 F	10-06-00	20,542.56 F
0-01-00	11.56	3-07-00	5,956.64	7-01-00	13,317.51 F	10-07-00	20,718.79 F
0-02-00	23.63	3-08-00	6,132.83	7-02-00	13,493.68 F	10-08-00	20,895.03 F
0-03-00	40.89	3-09-00	6,309.02	7-03-00	13,669.85 F	10-09-00	21,071.26 F
0-04-00	66.33	3-10-00	6,485.21	7-04-00	13,846.02 F	10-10-00	21,247.50 F
0-05-00	97.40	3-11-00	6,661.41	7-05-00	14,022.19 F	10-11-00	21,423.74 F
0-06-00	135.74	4-00-00	6,837.59	7-06-00	14,198.36 F	11-00-00	21,599.97 F
0-07-00	185.93	4-01-00	7,013.76	7-07-00	14,374.53 F	11-01-00	21,776.21 F
0-08-00	246.13	4-02-00	7,189.93	7-08-00	14,550.70 F	11-02-00	21,952.44 F
0-09-00	316.37	4-03-00	7,366.10	7-09-00	14,726.87 F	11-03-00	22,128.68 F
0-10-00	401.19	4-04-00	7,542.26	7-10-00	14,903.04 F	11-04-00	22,304.92 F
0-11-00	501.10	4-05-00	7,718.43	7-11-00	15,079.24 F	11-05-00	22,481.15 F
1-00-00	616.07	4-06-00	7,894.60	8-00-00	15,255.48 F	11-06-00	22,657.39 F
1-01-00	743.21	4-07-00	8,070.77	8-01-00	15,431.71 F	11-07-00	22,833.62 F
1-02-00	883.10	4-08-00	8,246.94	8-02-00	15,607.95 F	11-08-00	23,009.86 F
1-03-00	1,038.57	4-09-00	8,423.11	8-03-00	15,784.18 F	11-09-00	23,186.10 F
1-04-00	1,204.15	4-10-00	8,599.28	8-04-00	15,960.42 F	11-10-00	23,362.33 F
1-05-00	1,375.48	4-11-00	8,775.45	8-05-00	16,136.66 F	11-11-00	23,538.57 F
1-06-00	1,551.69	5-00-00	8,951.62	8-06-00	16,312.89 F	12-00-00	23,714.80 F
1-07-00	1,727.91	5-01-00	9,127.79	8-07-00	16,489.13 F	12-01-00	23,891.04 F
1-08-00	1,904.13	5-02-00	9,303.96	8-08-00	16,665.36 F	12-02-00	24,067.28 F
1-09-00	2,080.34	5-03-00	9,480.13	8-09-00	16,841.60 F	12-03-00	24,243.51 F
1-10-00	2,256.55	5-04-00	9,656.30	8-10-00	17,017.84 F	12-04-00	24,419.75 F
1-11-00	2,432.75	5-05-00	9,832.47	8-11-00	17,194.07 F	12-05-00	24,595.98 F
2-00-00	2,608.95	5-06-00	10,008.64	9-00-00	17,370.31 F	12-06-00	24,772.22 F
2-01-00	2,785.15	5-07-00	10,184.81	9-01-00	17,546.54 F	12-07-00	24,948.46 F
2-02-00	2,961.35	5-08-00	10,360.98	9-02-00	17,722.78 F	12-08-00	25,124.69 F
2-03-00	3,137.55	5-09-00	10,537.15	9-03-00	17,899.02 F	12-09-00	25,300.93 F
2-04-00	3,313.76	5-10-00	10,713.32	9-04-00	18,075.25 F	12-10-00	25,477.16 F
2-05-00	3,489.96	5-11-00	10,889.49	9-05-00	18,251.49 F	12-11-00	25,653.40 F
2-06-00	3,666.16	6-00-00	11,065.66	9-06-00	18,427.72 F	13-00-00	25,829.64 F
2-07-00	3,842.35	6-01-00	11,241.83 F	9-07-00	18,603.96 F	13-01-00	26,005.87 F
2-08-00	4,018.54	6-02-00	11,414.01 F	9-08-00	18,780.20 F	13-02-00	26,182.11 F
2-09-00	4,194.73	6-03-00	11,583.27 F	9-09-00	18,956.43 F	13-03-00	26,358.34 F
2-10-00	4,370.92	6-04-00	11,751.01 F	9-10-00	19,132.67 F	13-04-00	26,534.58 F
2-11-00	4,547.11	6-05-00	11,917.86 F	9-11-00	19,308.90 F	13-05-00	26,710.82 F
3-00-00	4,723.30	6-06-00	12,084.32 F	10-00-00	19,485.14 F	13-06-00	26,887.05 F
3-01-00	4,899.49	6-07-00	12,260.49 F	10-01-00	19,661.38 F	13-07-00	27,063.29 F
3-02-00	5,075.69	6-08-00	12,436.66 F	10-02-00	19,837.61 F	13-08-00	27,239.52 F
3-03-00	5,251.88	6-09-00	12,612.83 F	10-03-00	20,013.85 F	13-09-00	27,415.76 F
3-04-00	5,428.07	6-10-00	12,789.00 F	10-04-00	20,190.08 F	13-10-00	27,592.00 F
3-05-00	5,604.26	6-11-00	12,965.17 F	10-05-00	20,366.32 F	13-11-00	27,768.23 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 **100-008** Tank Type **F** Roof Weight **13,414** API **10.00** Gravity Correction **.27**
 Strapped By: **HMT** 6/30/2015 Floating Height **6-01-00**

<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	27,944.47 F	17-06-00	35,348.42 F	21-00-00	42,754.53 F	24-06-00	50,161.74 F
14-01-00	28,120.70 F	17-07-00	35,524.75 F	21-01-00	42,930.87 F	24-07-00	50,338.19 F
14-02-00	28,296.94 F	17-08-00	35,701.09 F	21-02-00	43,107.20 F	24-08-00	50,514.65 F
14-03-00	28,473.18 F	17-09-00	35,877.43 F	21-03-00	43,283.54 F	24-09-00	50,691.10 F
14-04-00	28,649.41 F	17-10-00	36,053.76 F	21-04-00	43,459.87 F	24-10-00	50,867.56 F
14-05-00	28,825.65 F	17-11-00	36,230.10 F	21-05-00	43,636.21 F	24-11-00	51,044.02 F
14-06-00	29,001.88 F	18-00-00	36,406.43 F	21-06-00	43,812.55 F	25-00-00	51,220.47 F
14-07-00	29,178.12 F	18-01-00	36,582.77 F	21-07-00	43,988.88 F	25-01-00	51,396.93 F
14-08-00	29,354.36 F	18-02-00	36,759.11 F	21-08-00	44,165.22 F	25-02-00	51,573.38 F
14-09-00	29,530.59 F	18-03-00	36,935.44 F	21-09-00	44,341.55 F	25-03-00	51,749.84 F
14-10-00	29,706.83 F	18-04-00	37,111.78 F	21-10-00	44,517.89 F	25-04-00	51,926.30 F
14-11-00	29,883.06 F	18-05-00	37,288.11 F	21-11-00	44,694.23 F	25-05-00	52,102.75 F
15-00-00	30,059.30 F	18-06-00	37,464.45 F	22-00-00	44,870.56 F	25-06-00	52,279.21 F
15-01-00	30,235.54 F	18-07-00	37,640.79 F	22-01-00	45,046.90 F	25-07-00	52,455.66 F
15-02-00	30,411.77 F	18-08-00	37,817.12 F	22-02-00	45,223.23 F	25-08-00	52,632.12 F
15-03-00	30,588.01 F	18-09-00	37,993.46 F	22-03-00	45,399.57 F	25-09-00	52,808.58 F
15-04-00	30,764.24 F	18-10-00	38,169.79 F	22-04-00	45,575.91 F	25-10-00	52,985.03 F
15-05-00	30,940.48 F	18-11-00	38,346.13 F	22-05-00	45,752.24 F	25-11-00	53,161.49 F
15-06-00	31,116.72 F	19-00-00	38,522.47 F	22-06-00	45,928.58 F	26-00-00	53,337.94 F
15-07-00	31,292.95 F	19-01-00	38,698.80 F	22-07-00	46,104.91 F	26-01-00	53,514.40 F
15-08-00	31,469.19 F	19-02-00	38,875.14 F	22-08-00	46,281.25 F	26-02-00	53,690.86 F
15-09-00	31,645.42 F	19-03-00	39,051.47 F	22-09-00	46,457.59 F	26-03-00	53,867.31 F
15-10-00	31,821.70 F	19-04-00	39,227.81 F	22-10-00	46,633.92 F	26-04-00	54,043.77 F
15-11-00	31,998.03 F	19-05-00	39,404.15 F	22-11-00	46,810.26 F	26-05-00	54,220.22 F
16-00-00	32,174.37 F	19-06-00	39,580.48 F	23-00-00	46,986.59 F	26-06-00	54,396.68 F
16-01-00	32,350.71 F	19-07-00	39,756.82 F	23-01-00	47,162.93 F	26-07-00	54,573.14 F
16-02-00	32,527.04 F	19-08-00	39,933.15 F	23-02-00	47,339.27 F	26-08-00	54,749.59 F
16-03-00	32,703.38 F	19-09-00	40,109.49 F	23-03-00	47,515.60 F	26-09-00	54,926.05 F
16-04-00	32,879.71 F	19-10-00	40,285.83 F	23-04-00	47,691.94 F	26-10-00	55,102.50 F
16-05-00	33,056.05 F	19-11-00	40,462.16 F	23-05-00	47,868.27 F	26-11-00	55,278.96 F
16-06-00	33,232.39 F	20-00-00	40,638.50 F	23-06-00	48,044.61 F	27-00-00	55,455.42 F
16-07-00	33,408.72 F	20-01-00	40,814.83 F	23-07-00	48,220.95 F	27-01-00	55,631.87 F
16-08-00	33,585.06 F	20-02-00	40,991.17 F	23-08-00	48,397.28 F	27-02-00	55,808.33 F
16-09-00	33,761.39 F	20-03-00	41,167.51 F	23-09-00	48,573.63 F	27-03-00	55,984.78 F
16-10-00	33,937.73 F	20-04-00	41,343.84 F	23-10-00	48,750.09 F	27-04-00	56,161.24 F
16-11-00	34,114.07 F	20-05-00	41,520.18 F	23-11-00	48,926.54 F	27-05-00	56,337.70 F
17-00-00	34,290.40 F	20-06-00	41,696.51 F	24-00-00	49,103.00 F	27-06-00	56,514.15 F
17-01-00	34,466.74 F	20-07-00	41,872.85 F	24-01-00	49,279.46 F	27-07-00	56,690.61 F
17-02-00	34,643.07 F	20-08-00	42,049.19 F	24-02-00	49,455.91 F	27-08-00	56,867.06 F
17-03-00	34,819.41 F	20-09-00	42,225.52 F	24-03-00	49,632.37 F	27-09-00	57,043.52 F
17-04-00	34,995.75 F	20-10-00	42,401.86 F	24-04-00	49,808.82 F	27-10-00	57,219.98 F
17-05-00	35,172.08 F	20-11-00	42,578.19 F	24-05-00	49,985.28 F	27-11-00	57,396.43 F

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Tank ID **100-008** Tank Type **F** Roof Weight **13,414** API **10.00** Gravity Correction **.27**
 Strapped By: HMT 6/30/2015 Floating Height **6-01-00**

<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	57,572.89 F	31-06-00	64,984.04 F	35-00-00	72,401.35 F	38-06-00	79,819.06 F
28-01-00	57,749.34 F	31-07-00	65,160.50 F	35-01-00	72,577.97 F	38-07-00	79,995.67 F
28-02-00	57,925.80 F	31-08-00	65,336.95 F	35-02-00	72,754.58 F	38-08-00	80,172.28 F
28-03-00	58,102.26 F	31-09-00	65,513.49 F	35-03-00	72,931.19 F	38-09-00	80,348.89 F
28-04-00	58,278.71 F	31-10-00	65,690.10 F	35-04-00	73,107.80 F	38-10-00	80,525.51 F
28-05-00	58,455.17 F	31-11-00	65,866.71 F	35-05-00	73,284.41 F	38-11-00	80,702.12 F
28-06-00	58,631.62 F	32-00-00	66,043.32 F	35-06-00	73,461.03 F	39-00-00	80,878.73 F
28-07-00	58,808.08 F	32-01-00	66,219.93 F	35-07-00	73,637.64 F	39-01-00	81,055.34 F
28-08-00	58,984.54 F	32-02-00	66,396.55 F	35-08-00	73,814.25 F	39-02-00	81,231.95 F
28-09-00	59,160.99 F	32-03-00	66,573.16 F	35-09-00	73,990.86 F	39-03-00	81,408.57 F
28-10-00	59,337.45 F	32-04-00	66,749.77 F	35-10-00	74,167.47 F	39-04-00	81,585.18 F
28-11-00	59,513.90 F	32-05-00	66,926.38 F	35-11-00	74,344.09 F	39-05-00	81,761.79 F
29-00-00	59,690.36 F	32-06-00	67,102.99 F	36-00-00	74,520.70 F	39-06-00	81,938.40 F
29-01-00	59,866.82 F	32-07-00	67,279.61 F	36-01-00	74,697.31 F	39-07-00	82,115.01 F
29-02-00	60,043.27 F	32-08-00	67,456.22 F	36-02-00	74,873.92 F	39-08-00	82,291.65 F
29-03-00	60,219.73 F	32-09-00	67,632.83 F	36-03-00	75,050.53 F	39-09-00	82,468.42 F
29-04-00	60,396.18 F	32-10-00	67,809.44 F	36-04-00	75,227.15 F	39-10-00	82,645.20 F
29-05-00	60,572.64 F	32-11-00	67,986.05 F	36-05-00	75,403.76 F	39-11-00	82,821.97 F
29-06-00	60,749.10 F	33-00-00	68,162.67 F	36-06-00	75,580.37 F	40-00-00	82,998.75 F
29-07-00	60,925.55 F	33-01-00	68,339.28 F	36-07-00	75,756.98 F	40-01-00	83,175.52 F
29-08-00	61,102.01 F	33-02-00	68,515.89 F	36-08-00	75,933.59 F	40-02-00	83,352.30 F
29-09-00	61,278.46 F	33-03-00	68,692.50 F	36-09-00	76,110.21 F	40-03-00	83,529.07 F
29-10-00	61,454.92 F	33-04-00	68,869.11 F	36-10-00	76,286.82 F	40-04-00	83,705.85 F
29-11-00	61,631.38 F	33-05-00	69,045.73 F	36-11-00	76,463.43 F	40-05-00	83,882.62 F
30-00-00	61,807.83 F	33-06-00	69,222.34 F	37-00-00	76,640.04 F	40-06-00	84,059.40 F
30-01-00	61,984.29 F	33-07-00	69,398.95 F	37-01-00	76,816.65 F	40-07-00	84,236.17 F
30-02-00	62,160.74 F	33-08-00	69,575.56 F	37-02-00	76,993.27 F	40-08-00	84,412.95 F
30-03-00	62,337.20 F	33-09-00	69,752.17 F	37-03-00	77,169.88 F	40-09-00	84,589.72 F
30-04-00	62,513.66 F	33-10-00	69,928.79 F	37-04-00	77,346.49 F	40-10-00	84,766.50 F
30-05-00	62,690.11 F	33-11-00	70,105.40 F	37-05-00	77,523.10 F	40-11-00	84,943.28 F
30-06-00	62,866.57 F	34-00-00	70,282.01 F	37-06-00	77,699.71 F	41-00-00	85,120.05 F
30-07-00	63,043.02 F	34-01-00	70,458.62 F	37-07-00	77,876.33 F	41-01-00	85,296.83 F
30-08-00	63,219.48 F	34-02-00	70,635.23 F	37-08-00	78,052.94 F	41-02-00	85,473.60 F
30-09-00	63,395.94 F	34-03-00	70,811.85 F	37-09-00	78,229.55 F	41-03-00	85,650.38 F
30-10-00	63,572.39 F	34-04-00	70,988.46 F	37-10-00	78,406.16 F	41-04-00	85,827.15 F
30-11-00	63,748.85 F	34-05-00	71,165.07 F	37-11-00	78,582.77 F	41-05-00	86,003.93 F
31-00-00	63,925.30 F	34-06-00	71,341.68 F	38-00-00	78,759.39 F	41-06-00	86,180.70 F
31-01-00	64,101.76 F	34-07-00	71,518.29 F	38-01-00	78,936.00 F	41-07-00	86,357.48 F
31-02-00	64,278.22 F	34-08-00	71,694.91 F	38-02-00	79,112.61 F	41-08-00	86,534.25 F
31-03-00	64,454.67 F	34-09-00	71,871.52 F	38-03-00	79,289.22 F	41-09-00	86,711.03 F
31-04-00	64,631.13 F	34-10-00	72,048.13 F	38-04-00	79,465.83 F	41-10-00	86,887.80 F
31-05-00	64,807.58 F	34-11-00	72,224.74 F	38-05-00	79,642.45 F	41-11-00	87,064.58 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 **100-008** Tank Type **F** Roof Weight **13,414** API **10.00** Gravity Correction **.27**
 Strapped By: **HMT** 6/30/2015 Floating Height **6-01-00**

<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	87,241.35 F	45-06-00	94,665.91 F	49-00-00	102,092.81 F	52-06-00	109,523.28 F
42-01-00	87,418.13 F	45-07-00	94,842.69 F	49-01-00	102,269.73 F	52-07-00	109,700.20 F
42-02-00	87,594.90 F	45-08-00	95,019.46 F	49-02-00	102,446.64 F	52-08-00	109,877.11 F
42-03-00	87,771.68 F	45-09-00	95,196.24 F	49-03-00	102,623.56 F	52-09-00	110,054.03 F
42-04-00	87,948.45 F	45-10-00	95,373.01 F	49-04-00	102,800.47 F	52-10-00	110,230.95 F
42-05-00	88,125.23 F	45-11-00	95,549.79 F	49-05-00	102,977.39 F	52-11-00	110,407.86 F
42-06-00	88,302.00 F	46-00-00	95,726.56 F	49-06-00	103,154.31 F	53-00-00	110,584.78 F
42-07-00	88,478.78 F	46-01-00	95,903.34 F	49-07-00	103,331.22 F	53-01-00	110,761.69 F
42-08-00	88,655.55 F	46-02-00	96,080.11 F	49-08-00	103,508.14 F	53-02-00	110,938.61 F
42-09-00	88,832.33 F	46-03-00	96,256.89 F	49-09-00	103,685.05 F	53-03-00	111,115.53 F
42-10-00	89,009.10 F	46-04-00	96,433.66 F	49-10-00	103,861.97 F	53-04-00	111,292.44 F
42-11-00	89,185.88 F	46-05-00	96,610.44 F	49-11-00	104,038.89 F	53-05-00	111,469.36 F
43-00-00	89,362.66 F	46-06-00	96,787.21 F	50-00-00	104,215.80 F	53-06-00	111,646.27 F
43-01-00	89,539.43 F	46-07-00	96,963.99 F	50-01-00	104,392.72 F	53-07-00	111,823.19 F
43-02-00	89,716.21 F	46-08-00	97,140.76 F	50-02-00	104,569.63 F	53-08-00	112,000.11 F
43-03-00	89,892.98 F	46-09-00	97,317.54 F	50-03-00	104,746.55 F	53-09-00	112,177.02 F
43-04-00	90,069.76 F	46-10-00	97,494.31 F	50-04-00	104,923.47 F	53-10-00	112,353.94 F
43-05-00	90,246.53 F	46-11-00	97,671.09 F	50-05-00	105,100.38 F		
43-06-00	90,423.31 F	47-00-00	97,847.86 F	50-06-00	105,277.30 F		
43-07-00	90,600.08 F	47-01-00	98,024.64 F	50-07-00	105,454.21 F		
43-08-00	90,776.86 F	47-02-00	98,201.42 F	50-08-00	105,631.13 F		
43-09-00	90,953.63 F	47-03-00	98,378.19 F	50-09-00	105,808.05 F		
43-10-00	91,130.41 F	47-04-00	98,554.97 F	50-10-00	105,984.96 F		
43-11-00	91,307.18 F	47-05-00	98,731.74 F	50-11-00	106,161.88 F		
44-00-00	91,483.96 F	47-06-00	98,908.52 F	51-00-00	106,338.79 F		
44-01-00	91,660.73 F	47-07-00	99,085.29 F	51-01-00	106,515.71 F		
44-02-00	91,837.51 F	47-08-00	99,262.15 F	51-02-00	106,692.63 F		
44-03-00	92,014.28 F	47-09-00	99,439.07 F	51-03-00	106,869.54 F		
44-04-00	92,191.06 F	47-10-00	99,615.99 F	51-04-00	107,046.46 F		
44-05-00	92,367.83 F	47-11-00	99,792.90 F	51-05-00	107,223.37 F		
44-06-00	92,544.61 F	48-00-00	99,969.82 F	51-06-00	107,400.29 F		
44-07-00	92,721.38 F	48-01-00	100,146.73 F	51-07-00	107,577.21 F		
44-08-00	92,898.16 F	48-02-00	100,323.65 F	51-08-00	107,754.12 F		
44-09-00	93,074.93 F	48-03-00	100,500.57 F	51-09-00	107,931.04 F		
44-10-00	93,251.71 F	48-04-00	100,677.48 F	51-10-00	108,107.95 F		
44-11-00	93,428.48 F	48-05-00	100,854.40 F	51-11-00	108,284.87 F		
45-00-00	93,605.26 F	48-06-00	101,031.31 F	52-00-00	108,461.79 F		
45-01-00	93,782.04 F	48-07-00	101,208.23 F	52-01-00	108,638.70 F		
45-02-00	93,958.81 F	48-08-00	101,385.15 F	52-02-00	108,815.62 F		
45-03-00	94,135.59 F	48-09-00	101,562.06 F	52-03-00	108,992.53 F		
45-04-00	94,312.36 F	48-10-00	101,738.98 F	52-04-00	109,169.45 F		
45-05-00	94,489.14 F	48-11-00	101,915.89 F	52-05-00	109,346.37 F		

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

BOLD DENOTES ROOF CRITICAL ZONE