

Tank Strapping Detail Report

Tank ID **080-025** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**  
 Strapped By: **HMT** 5/25/2012 Floating Height **2-11-00**

<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	29.74	3-06-00	5,090.82 F	7-00-00	11,005.86 F	10-06-00	16,924.66 F
0-01-00	54.13	3-07-00	5,231.65 F	7-01-00	11,146.78 F	10-07-00	17,065.59 F
0-02-00	84.20	3-08-00	5,372.48 F	7-02-00	11,287.70 F	10-08-00	17,206.51 F
0-03-00	122.52	3-09-00	5,513.31 F	7-03-00	11,428.63 F	10-09-00	17,347.44 F
0-04-00	167.85	3-10-00	5,654.14 F	7-04-00	11,569.55 F	10-10-00	17,488.36 F
0-05-00	218.68	3-11-00	5,794.96 F	7-05-00	11,710.48 F	10-11-00	17,629.28 F
0-06-00	279.08	4-00-00	5,935.79 F	7-06-00	11,851.40 F	11-00-00	17,770.21 F
0-07-00	351.89	4-01-00	6,076.62 F	7-07-00	11,992.32 F	11-01-00	17,911.13 F
0-08-00	435.44	4-02-00	6,217.45 F	7-08-00	12,133.25 F	11-02-00	18,052.06 F
0-09-00	530.95	4-03-00	6,358.28 F	7-09-00	12,274.17 F	11-03-00	18,192.98 F
0-10-00	644.50	4-04-00	6,499.11 F	7-10-00	12,415.10 F	11-04-00	18,333.90 F
0-11-00	774.76	4-05-00	6,639.94 F	7-11-00	12,556.02 F	11-05-00	18,474.83 F
1-00-00	915.53	4-06-00	6,780.77 F	8-00-00	12,696.94 F	11-06-00	18,615.75 F
1-01-00	1,056.30	4-07-00	6,921.59 F	8-01-00	12,837.87 F	11-07-00	18,756.68 F
1-02-00	1,197.07	4-08-00	7,062.42 F	8-02-00	12,978.79 F	11-08-00	18,897.60 F
1-03-00	1,337.89	4-09-00	7,203.25 F	8-03-00	13,119.72 F	11-09-00	19,038.52 F
1-04-00	1,478.75	4-10-00	7,344.08 F	8-04-00	13,260.64 F	11-10-00	19,179.45 F
1-05-00	1,619.60	4-11-00	7,484.91 F	8-05-00	13,401.56 F	11-11-00	19,320.37 F
1-06-00	1,760.46	5-00-00	7,625.74 F	8-06-00	13,542.49 F	12-00-00	19,461.30 F
1-07-00	1,901.31	5-01-00	7,766.57 F	8-07-00	13,683.41 F	12-01-00	19,602.22 F
1-08-00	2,042.17	5-02-00	7,907.40 F	8-08-00	13,824.34 F	12-02-00	19,743.14 F
1-09-00	2,182.30	5-03-00	8,048.22 F	8-09-00	13,965.26 F	12-03-00	19,884.07 F
1-10-00	2,321.21	5-04-00	8,189.05 F	8-10-00	14,106.18 F	12-04-00	20,024.99 F
1-11-00	2,460.12	5-05-00	8,329.88 F	8-11-00	14,247.11 F	12-05-00	20,165.92 F
2-00-00	2,599.04	5-06-00	8,470.71 F	9-00-00	14,388.03 F	12-06-00	20,306.84 F
2-01-00	2,737.95	5-07-00	8,611.54 F	9-01-00	14,528.96 F	12-07-00	20,447.76 F
2-02-00	2,876.86	5-08-00	8,752.37 F	9-02-00	14,669.88 F	12-08-00	20,588.69 F
2-03-00	3,015.77	5-09-00	8,893.20 F	9-03-00	14,810.80 F	12-09-00	20,729.61 F
2-04-00	3,154.68	5-10-00	9,034.03 F	9-04-00	14,951.73 F	12-10-00	20,870.54 F
2-05-00	3,293.59	5-11-00	9,174.86 F	9-05-00	15,092.65 F	12-11-00	21,011.46 F
2-06-00	3,432.50	6-00-00	9,315.68 F	9-06-00	15,233.58 F	13-00-00	21,152.38 F
2-07-00	3,572.14	6-01-00	9,456.51 F	9-07-00	15,374.50 F	13-01-00	21,293.31 F
2-08-00	3,713.00	6-02-00	9,597.34 F	9-08-00	15,515.42 F	13-02-00	21,434.23 F
2-09-00	3,853.87	6-03-00	9,738.17 F	9-09-00	15,656.35 F	13-03-00	21,575.16 F
2-10-00	3,994.73	6-04-00	9,879.00 F	9-10-00	15,797.27 F	13-04-00	21,716.08 F
<b>2-11-00</b>	4,135.60 F	6-05-00	10,019.83 F	9-11-00	15,938.20 F	13-05-00	21,857.00 F
<b>3-00-00</b>	4,273.62 F	6-06-00	10,160.66 F	10-00-00	16,079.12 F	13-06-00	21,997.93 F
<b>3-01-00</b>	4,409.24 F	6-07-00	10,301.49 F	10-01-00	16,220.04 F	13-07-00	22,138.85 F
<b>3-02-00</b>	4,543.50 F	6-08-00	10,442.31 F	10-02-00	16,360.97 F	13-08-00	22,279.78 F
<b>3-03-00</b>	4,676.96 F	6-09-00	10,583.14 F	10-03-00	16,501.89 F	13-09-00	22,420.70 F
<b>3-04-00</b>	4,810.12 F	6-10-00	10,724.01 F	10-04-00	16,642.82 F	13-10-00	22,561.62 F
<b>3-05-00</b>	4,949.99 F	6-11-00	10,864.93 F	10-05-00	16,783.74 F	13-11-00	22,702.55 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 **080-025** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**  
 Strapped By: **HMT** 5/25/2012 Floating Height **2-11-00**

<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	22,843.47 F	17-06-00	28,760.77 F	21-00-00	34,677.57 F	24-06-00	40,598.25 F
14-01-00	22,984.40 F	17-07-00	28,901.65 F	21-01-00	34,818.44 F	24-07-00	40,739.33 F
14-02-00	23,125.32 F	17-08-00	29,042.53 F	21-02-00	34,959.32 F	24-08-00	40,880.40 F
14-03-00	23,266.24 F	17-09-00	29,183.40 F	21-03-00	35,100.19 F	24-09-00	41,021.48 F
14-04-00	23,407.17 F	17-10-00	29,324.28 F	21-04-00	35,241.07 F	24-10-00	41,162.56 F
14-05-00	23,548.09 F	17-11-00	29,465.15 F	21-05-00	35,381.95 F	24-11-00	41,303.63 F
14-06-00	23,689.02 F	18-00-00	29,606.03 F	21-06-00	35,522.82 F	25-00-00	41,444.71 F
14-07-00	23,829.94 F	18-01-00	29,746.91 F	21-07-00	35,663.70 F	25-01-00	41,585.79 F
14-08-00	23,970.86 F	18-02-00	29,887.78 F	21-08-00	35,804.57 F	25-02-00	41,726.86 F
14-09-00	24,111.79 F	18-03-00	30,028.66 F	21-09-00	35,945.45 F	25-03-00	41,867.94 F
14-10-00	24,252.71 F	18-04-00	30,169.53 F	21-10-00	36,086.33 F	25-04-00	42,009.02 F
14-11-00	24,393.62 F	18-05-00	30,310.41 F	21-11-00	36,227.20 F	25-05-00	42,150.09 F
15-00-00	24,534.49 F	18-06-00	30,451.29 F	22-00-00	36,368.08 F	25-06-00	42,291.17 F
15-01-00	24,675.37 F	18-07-00	30,592.16 F	22-01-00	36,508.95 F	25-07-00	42,432.25 F
15-02-00	24,816.25 F	18-08-00	30,733.04 F	22-02-00	36,649.83 F	25-08-00	42,573.32 F
15-03-00	24,957.12 F	18-09-00	30,873.91 F	22-03-00	36,790.71 F	25-09-00	42,714.40 F
15-04-00	25,098.00 F	18-10-00	31,014.79 F	22-04-00	36,931.58 F	25-10-00	42,855.48 F
15-05-00	25,238.87 F	18-11-00	31,155.67 F	22-05-00	37,072.46 F	25-11-00	42,996.55 F
15-06-00	25,379.75 F	19-00-00	31,296.54 F	22-06-00	37,213.33 F	26-00-00	43,137.63 F
15-07-00	25,520.63 F	19-01-00	31,437.42 F	22-07-00	37,354.21 F	26-01-00	43,278.71 F
15-08-00	25,661.50 F	19-02-00	31,578.29 F	22-08-00	37,495.09 F	26-02-00	43,419.78 F
15-09-00	25,802.38 F	19-03-00	31,719.17 F	22-09-00	37,635.96 F	26-03-00	43,560.86 F
15-10-00	25,943.25 F	19-04-00	31,860.05 F	22-10-00	37,776.84 F	26-04-00	43,701.94 F
15-11-00	26,084.13 F	19-05-00	32,000.92 F	22-11-00	37,917.79 F	26-05-00	43,843.01 F
16-00-00	26,225.01 F	19-06-00	32,141.80 F	23-00-00	38,058.87 F	26-06-00	43,984.09 F
16-01-00	26,365.88 F	19-07-00	32,282.67 F	23-01-00	38,199.94 F	26-07-00	44,125.17 F
16-02-00	26,506.76 F	19-08-00	32,423.55 F	23-02-00	38,341.02 F	26-08-00	44,266.25 F
16-03-00	26,647.63 F	19-09-00	32,564.43 F	23-03-00	38,482.10 F	26-09-00	44,407.32 F
16-04-00	26,788.51 F	19-10-00	32,705.30 F	23-04-00	38,623.17 F	26-10-00	44,548.40 F
16-05-00	26,929.39 F	19-11-00	32,846.18 F	23-05-00	38,764.25 F	26-11-00	44,689.48 F
16-06-00	27,070.26 F	20-00-00	32,987.05 F	23-06-00	38,905.33 F	27-00-00	44,830.55 F
16-07-00	27,211.14 F	20-01-00	33,127.93 F	23-07-00	39,046.40 F	27-01-00	44,971.63 F
16-08-00	27,352.01 F	20-02-00	33,268.81 F	23-08-00	39,187.48 F	27-02-00	45,112.71 F
16-09-00	27,492.89 F	20-03-00	33,409.68 F	23-09-00	39,328.56 F	27-03-00	45,253.78 F
16-10-00	27,633.77 F	20-04-00	33,550.56 F	23-10-00	39,469.63 F	27-04-00	45,394.86 F
16-11-00	27,774.64 F	20-05-00	33,691.43 F	23-11-00	39,610.71 F	27-05-00	45,535.94 F
17-00-00	27,915.52 F	20-06-00	33,832.31 F	24-00-00	39,751.79 F	27-06-00	45,677.01 F
17-01-00	28,056.39 F	20-07-00	33,973.19 F	24-01-00	39,892.86 F	27-07-00	45,818.09 F
17-02-00	28,197.27 F	20-08-00	34,114.06 F	24-02-00	40,033.94 F	27-08-00	45,959.17 F
17-03-00	28,338.15 F	20-09-00	34,254.94 F	24-03-00	40,175.02 F	27-09-00	46,100.24 F
17-04-00	28,479.02 F	20-10-00	34,395.81 F	24-04-00	40,316.09 F	27-10-00	46,241.32 F
17-05-00	28,619.90 F	20-11-00	34,536.69 F	24-05-00	40,457.17 F	27-11-00	46,382.40 F

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Tank ID **080-025** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**  
 Strapped By: **HMT** 5/25/2012 Floating Height **2-11-00**

<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	46,523.47 F	31-06-00	52,449.31 F	35-00-00	58,378.53 F	38-06-00	64,307.75 F
28-01-00	46,664.55 F	31-07-00	52,590.48 F	35-01-00	58,519.70 F	38-07-00	64,448.93 F
28-02-00	46,805.63 F	31-08-00	52,731.65 F	35-02-00	58,660.87 F	38-08-00	64,590.10 F
28-03-00	46,946.70 F	31-09-00	52,872.82 F	35-03-00	58,802.05 F	38-09-00	64,731.27 F
28-04-00	47,087.78 F	31-10-00	53,013.99 F	35-04-00	58,943.22 F	38-10-00	64,872.44 F
28-05-00	47,228.86 F	31-11-00	53,155.17 F	35-05-00	59,084.39 F	38-11-00	65,013.66 F
28-06-00	47,369.93 F	32-00-00	53,296.34 F	35-06-00	59,225.56 F	39-00-00	65,154.94 F
28-07-00	47,511.01 F	32-01-00	53,437.51 F	35-07-00	59,366.73 F	39-01-00	65,296.22 F
28-08-00	47,652.09 F	32-02-00	53,578.68 F	35-08-00	59,507.91 F	39-02-00	65,437.50 F
28-09-00	47,793.17 F	32-03-00	53,719.85 F	35-09-00	59,649.08 F	39-03-00	65,578.78 F
28-10-00	47,934.24 F	32-04-00	53,861.03 F	35-10-00	59,790.25 F	39-04-00	65,720.06 F
28-11-00	48,075.32 F	32-05-00	54,002.20 F	35-11-00	59,931.42 F	39-05-00	65,861.35 F
29-00-00	48,216.40 F	32-06-00	54,143.37 F	36-00-00	60,072.59 F	39-06-00	66,002.63 F
29-01-00	48,357.47 F	32-07-00	54,284.54 F	36-01-00	60,213.77 F	39-07-00	66,143.91 F
29-02-00	48,498.55 F	32-08-00	54,425.71 F	36-02-00	60,354.94 F	39-08-00	66,285.19 F
29-03-00	48,639.63 F	32-09-00	54,566.89 F	36-03-00	60,496.11 F	39-09-00	66,426.47 F
29-04-00	48,780.70 F	32-10-00	54,708.06 F	36-04-00	60,637.28 F	39-10-00	66,567.75 F
29-05-00	48,921.78 F	32-11-00	54,849.23 F	36-05-00	60,778.45 F	39-11-00	66,709.03 F
29-06-00	49,062.86 F	33-00-00	54,990.40 F	36-06-00	60,919.63 F	40-00-00	66,850.32 F
29-07-00	49,203.93 F	33-01-00	55,131.57 F	36-07-00	61,060.80 F	40-01-00	66,991.60 F
29-08-00	49,345.01 F	33-02-00	55,272.75 F	36-08-00	61,201.97 F	40-02-00	67,132.88 F
29-09-00	49,486.09 F	33-03-00	55,413.92 F	36-09-00	61,343.14 F	40-03-00	67,274.16 F
29-10-00	49,627.16 F	33-04-00	55,555.09 F	36-10-00	61,484.31 F	40-04-00	67,415.44 F
29-11-00	49,768.24 F	33-05-00	55,696.26 F	36-11-00	61,625.49 F	40-05-00	67,556.72 F
30-00-00	49,909.32 F	33-06-00	55,837.43 F	37-00-00	61,766.66 F	40-06-00	67,698.01 F
30-01-00	50,050.39 F	33-07-00	55,978.61 F	37-01-00	61,907.83 F	40-07-00	67,839.29 F
30-02-00	50,191.47 F	33-08-00	56,119.78 F	37-02-00	62,049.00 F	40-08-00	67,980.57 F
30-03-00	50,332.55 F	33-09-00	56,260.95 F	37-03-00	62,190.17 F	40-09-00	68,121.85 F
30-04-00	50,473.62 F	33-10-00	56,402.12 F	37-04-00	62,331.35 F	40-10-00	68,263.13 F
30-05-00	50,614.70 F	33-11-00	56,543.29 F	37-05-00	62,472.52 F	40-11-00	68,404.41 F
30-06-00	50,755.78 F	34-00-00	56,684.47 F	37-06-00	62,613.69 F	41-00-00	68,545.70 F
30-07-00	50,896.85 F	34-01-00	56,825.64 F	37-07-00	62,754.86 F	41-01-00	68,686.98 F
30-08-00	51,037.93 F	34-02-00	56,966.81 F	37-08-00	62,896.03 F	41-02-00	68,828.26 F
30-09-00	51,179.01 F	34-03-00	57,107.98 F	37-09-00	63,037.21 F	41-03-00	68,969.54 F
30-10-00	51,320.09 F	34-04-00	57,249.15 F	37-10-00	63,178.38 F	41-04-00	69,110.82 F
30-11-00	51,461.16 F	34-05-00	57,390.33 F	37-11-00	63,319.55 F	41-05-00	69,252.10 F
31-00-00	51,602.27 F	34-06-00	57,531.50 F	38-00-00	63,460.72 F	41-06-00	69,393.39 F
31-01-00	51,743.45 F	34-07-00	57,672.67 F	38-01-00	63,601.89 F	41-07-00	69,534.67 F
31-02-00	51,884.62 F	34-08-00	57,813.84 F	38-02-00	63,743.07 F	41-08-00	69,675.95 F
31-03-00	52,025.79 F	34-09-00	57,955.01 F	38-03-00	63,884.24 F	41-09-00	69,817.23 F
31-04-00	52,166.96 F	34-10-00	58,096.19 F	38-04-00	64,025.41 F	41-10-00	69,958.51 F
31-05-00	52,308.13 F	34-11-00	58,237.36 F	38-05-00	64,166.58 F	41-11-00	70,099.79 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 **080-025** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**  
 Strapped By: HMT 5/25/2012 Floating Height **2-11-00**

<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	70,241.07 F	45-06-00	76,174.90 F				
42-01-00	70,382.36 F	45-07-00	76,316.18 F				
42-02-00	70,523.64 F	45-08-00	76,457.47 F				
42-03-00	70,664.92 F	45-09-00	76,598.75 F				
42-04-00	70,806.20 F	45-10-00	76,740.03 F				
42-05-00	70,947.48 F	45-11-00	76,881.31 F				
42-06-00	71,088.76 F	46-00-00	77,022.59 F				
42-07-00	71,230.05 F	46-01-00	77,163.87 F				
42-08-00	71,371.33 F	46-02-00	77,305.15 F				
42-09-00	71,512.61 F	46-03-00	77,446.44 F				
42-10-00	71,653.89 F	46-04-00	77,587.72 F				
42-11-00	71,795.17 F	46-05-00	77,729.00 F				
43-00-00	71,936.45 F	46-06-00	77,870.28 F				
43-01-00	72,077.74 F	46-07-00	78,011.56 F				
43-02-00	72,219.02 F	46-08-00	78,152.84 F				
43-03-00	72,360.30 F	46-09-00	78,294.13 F				
43-04-00	72,501.58 F	46-10-00	78,435.41 F				
43-05-00	72,642.86 F	46-11-00	78,576.69 F				
43-06-00	72,784.14 F	47-00-00	78,717.97 F				
43-07-00	72,925.43 F	47-01-00	78,859.25 F				
43-08-00	73,066.71 F	47-02-00	79,000.53 F				
43-09-00	73,207.99 F	47-03-00	79,141.82 F				
43-10-00	73,349.27 F						
43-11-00	73,490.55 F						
44-00-00	73,631.83 F						
44-01-00	73,773.11 F						
44-02-00	73,914.40 F						
44-03-00	74,055.68 F						
44-04-00	74,196.96 F						
44-05-00	74,338.24 F						
44-06-00	74,479.52 F						
44-07-00	74,620.80 F						
44-08-00	74,762.09 F						
44-09-00	74,903.37 F						
44-10-00	75,044.65 F						
44-11-00	75,185.93 F						
45-00-00	75,327.21 F						
45-01-00	75,468.49 F						
45-02-00	75,609.78 F						
45-03-00	75,751.06 F						
45-04-00	75,892.34 F						
45-05-00	76,033.62 F						

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

**BOLD DENOTES ROOF CRITICAL ZONE**