

Tank ID **030-007** Tank Type **F** Roof Weight **3,990** API **35.00** Gravity Correction **.08**
 Strapped By: **HMT** 1/30/2013 Floating Height **3-03-00**

<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	50.72	3-06-00	2,189.29 F	7-00-00	4,377.37 F	10-06-00	6,574.74 F
0-01-00	78.04	3-07-00	2,237.59 F	7-01-00	4,429.69 F	10-07-00	6,627.06 F
0-02-00	113.13	3-08-00	2,285.78 F	7-02-00	4,482.01 F	10-08-00	6,679.38 F
0-03-00	156.90	3-09-00	2,338.07 F	7-03-00	4,534.33 F	10-09-00	6,731.70 F
0-04-00	206.89	3-10-00	2,390.36 F	7-04-00	4,586.64 F	10-10-00	6,784.02 F
0-05-00	259.18	3-11-00	2,442.65 F	7-05-00	4,638.96 F	10-11-00	6,836.34 F
0-06-00	311.47	4-00-00	2,494.94 F	7-06-00	4,691.28 F	11-00-00	6,888.65 F
0-07-00	363.75	4-01-00	2,547.23 F	7-07-00	4,743.60 F	11-01-00	6,940.97 F
0-08-00	416.04	4-02-00	2,599.51 F	7-08-00	4,795.92 F	11-02-00	6,993.29 F
0-09-00	468.32	4-03-00	2,651.80 F	7-09-00	4,848.24 F	11-03-00	7,045.61 F
0-10-00	520.61	4-04-00	2,704.09 F	7-10-00	4,900.55 F	11-04-00	7,097.93 F
0-11-00	572.89	4-05-00	2,756.38 F	7-11-00	4,952.87 F	11-05-00	7,150.25 F
1-00-00	625.16	4-06-00	2,808.67 F	8-00-00	5,005.19 F	11-06-00	7,202.56 F
1-01-00	677.43	4-07-00	2,860.96 F	8-01-00	5,057.51 F	11-07-00	7,254.88 F
1-02-00	729.73	4-08-00	2,913.25 F	8-02-00	5,109.83 F	11-08-00	7,307.20 F
1-03-00	782.05	4-09-00	2,965.54 F	8-03-00	5,162.15 F	11-09-00	7,359.52 F
1-04-00	834.38	4-10-00	3,017.83 F	8-04-00	5,214.47 F	11-10-00	7,411.84 F
1-05-00	886.70	4-11-00	3,070.11 F	8-05-00	5,266.78 F	11-11-00	7,464.16 F
1-06-00	939.02	5-00-00	3,122.40 F	8-06-00	5,319.10 F	12-00-00	7,516.47 F
1-07-00	991.35	5-01-00	3,174.69 F	8-07-00	5,371.42 F	12-01-00	7,568.79 F
1-08-00	1,043.67	5-02-00	3,226.98 F	8-08-00	5,423.74 F	12-02-00	7,621.11 F
1-09-00	1,096.00	5-03-00	3,279.27 F	8-09-00	5,476.06 F	12-03-00	7,673.43 F
1-10-00	1,148.32	5-04-00	3,331.56 F	8-10-00	5,528.38 F	12-04-00	7,725.75 F
1-11-00	1,200.64	5-05-00	3,383.85 F	8-11-00	5,580.69 F	12-05-00	7,778.07 F
2-00-00	1,252.97	5-06-00	3,436.14 F	9-00-00	5,633.01 F	12-06-00	7,830.39 F
2-01-00	1,305.29	5-07-00	3,488.42 F	9-01-00	5,685.33 F	12-07-00	7,882.70 F
2-02-00	1,357.62	5-08-00	3,540.71 F	9-02-00	5,737.65 F	12-08-00	7,935.02 F
2-03-00	1,409.94	5-09-00	3,593.00 F	9-03-00	5,789.97 F	12-09-00	7,987.34 F
2-04-00	1,462.26	5-10-00	3,645.29 F	9-04-00	5,842.29 F	12-10-00	8,039.66 F
2-05-00	1,514.59	5-11-00	3,697.58 F	9-05-00	5,894.60 F	12-11-00	8,091.98 F
2-06-00	1,566.91	6-00-00	3,749.87 F	9-06-00	5,946.92 F	13-00-00	8,144.30 F
2-07-00	1,619.24	6-01-00	3,802.16 F	9-07-00	5,999.24 F	13-01-00	8,196.61 F
2-08-00	1,671.56	6-02-00	3,854.45 F	9-08-00	6,051.56 F	13-02-00	8,248.93 F
2-09-00	1,723.88	6-03-00	3,906.73 F	9-09-00	6,103.88 F	13-03-00	8,301.25 F
2-10-00	1,776.21	6-04-00	3,959.02 F	9-10-00	6,156.20 F	13-04-00	8,353.57 F
2-11-00	1,828.53	6-05-00	4,011.31 F	9-11-00	6,208.51 F	13-05-00	8,405.89 F
3-00-00	1,880.86	6-06-00	4,063.60 F	10-00-00	6,260.83 F	13-06-00	8,458.21 F
3-01-00	1,933.18	6-07-00	4,115.89 F	10-01-00	6,313.15 F	13-07-00	8,510.52 F
3-02-00	1,985.47	6-08-00	4,168.18 F	10-02-00	6,365.47 F	13-08-00	8,562.84 F
3-03-00	2,037.76 F	6-09-00	4,220.47 F	10-03-00	6,417.79 F	13-09-00	8,615.16 F
3-04-00	2,089.64 F	6-10-00	4,272.76 F	10-04-00	6,470.11 F	13-10-00	8,667.48 F
3-05-00	2,139.98 F	6-11-00	4,325.05 F	10-05-00	6,522.43 F	13-11-00	8,719.80 F

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

BOLD DENOTES ROOF CRITICAL ZONE

Tank Strapping Detail Report

Tank ID **030-007** Tank Type **F** Roof Weight **3,990** API **35.00** Gravity Correction **.08**
 Strapped By: **HMT** 1/30/2013 Floating Height **3-03-00**

<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	8,772.12 F	17-06-00	10,969.15 F	21-00-00	13,166.05 F	24-06-00	15,363.81 F
14-01-00	8,824.43 F	17-07-00	11,021.46 F	21-01-00	13,218.36 F	24-07-00	15,416.16 F
14-02-00	8,876.75 F	17-08-00	11,073.76 F	21-02-00	13,270.67 F	24-08-00	15,468.52 F
14-03-00	8,929.07 F	17-09-00	11,126.07 F	21-03-00	13,322.97 F	24-09-00	15,520.87 F
14-04-00	8,981.39 F	17-10-00	11,178.38 F	21-04-00	13,375.28 F	24-10-00	15,573.23 F
14-05-00	9,033.71 F	17-11-00	11,230.69 F	21-05-00	13,427.59 F	24-11-00	15,625.58 F
14-06-00	9,086.03 F	18-00-00	11,282.99 F	21-06-00	13,479.90 F	25-00-00	15,677.94 F
14-07-00	9,138.35 F	18-01-00	11,335.30 F	21-07-00	13,532.20 F	25-01-00	15,730.29 F
14-08-00	9,190.66 F	18-02-00	11,387.61 F	21-08-00	13,584.51 F	25-02-00	15,782.65 F
14-09-00	9,242.98 F	18-03-00	11,439.92 F	21-09-00	13,636.82 F	25-03-00	15,835.00 F
14-10-00	9,295.30 F	18-04-00	11,492.22 F	21-10-00	13,689.12 F	25-04-00	15,887.36 F
14-11-00	9,347.62 F	18-05-00	11,544.53 F	21-11-00	13,741.43 F	25-05-00	15,939.71 F
15-00-00	9,399.93 F	18-06-00	11,596.84 F	22-00-00	13,793.74 F	25-06-00	15,992.07 F
15-01-00	9,452.24 F	18-07-00	11,649.14 F	22-01-00	13,846.05 F	25-07-00	16,044.42 F
15-02-00	9,504.55 F	18-08-00	11,701.45 F	22-02-00	13,898.35 F	25-08-00	16,096.78 F
15-03-00	9,556.86 F	18-09-00	11,753.76 F	22-03-00	13,950.66 F	25-09-00	16,149.14 F
15-04-00	9,609.16 F	18-10-00	11,806.07 F	22-04-00	14,002.97 F	25-10-00	16,201.49 F
15-05-00	9,661.47 F	18-11-00	11,858.37 F	22-05-00	14,055.28 F	25-11-00	16,253.85 F
15-06-00	9,713.78 F	19-00-00	11,910.68 F	22-06-00	14,107.58 F	26-00-00	16,306.20 F
15-07-00	9,766.08 F	19-01-00	11,962.99 F	22-07-00	14,159.89 F	26-01-00	16,358.56 F
15-08-00	9,818.39 F	19-02-00	12,015.29 F	22-08-00	14,212.20 F	26-02-00	16,410.91 F
15-09-00	9,870.70 F	19-03-00	12,067.60 F	22-09-00	14,264.50 F	26-03-00	16,463.27 F
15-10-00	9,923.01 F	19-04-00	12,119.91 F	22-10-00	14,316.81 F	26-04-00	16,515.62 F
15-11-00	9,975.31 F	19-05-00	12,172.22 F	22-11-00	14,369.12 F	26-05-00	16,567.98 F
16-00-00	10,027.62 F	19-06-00	12,224.52 F	23-00-00	14,421.43 F	26-06-00	16,620.33 F
16-01-00	10,079.93 F	19-07-00	12,276.83 F	23-01-00	14,473.77 F	26-07-00	16,672.69 F
16-02-00	10,132.24 F	19-08-00	12,329.14 F	23-02-00	14,526.12 F	26-08-00	16,725.04 F
16-03-00	10,184.54 F	19-09-00	12,381.44 F	23-03-00	14,578.48 F	26-09-00	16,777.40 F
16-04-00	10,236.85 F	19-10-00	12,433.75 F	23-04-00	14,630.83 F	26-10-00	16,829.75 F
16-05-00	10,289.16 F	19-11-00	12,486.06 F	23-05-00	14,683.19 F	26-11-00	16,882.11 F
16-06-00	10,341.46 F	20-00-00	12,538.37 F	23-06-00	14,735.54 F	27-00-00	16,934.46 F
16-07-00	10,393.77 F	20-01-00	12,590.67 F	23-07-00	14,787.90 F	27-01-00	16,986.82 F
16-08-00	10,446.08 F	20-02-00	12,642.98 F	23-08-00	14,840.26 F	27-02-00	17,039.17 F
16-09-00	10,498.39 F	20-03-00	12,695.29 F	23-09-00	14,892.61 F	27-03-00	17,091.53 F
16-10-00	10,550.69 F	20-04-00	12,747.60 F	23-10-00	14,944.97 F	27-04-00	17,143.88 F
16-11-00	10,603.00 F	20-05-00	12,799.90 F	23-11-00	14,997.32 F	27-05-00	17,196.24 F
17-00-00	10,655.31 F	20-06-00	12,852.21 F	24-00-00	15,049.68 F	27-06-00	17,248.59 F
17-01-00	10,707.61 F	20-07-00	12,904.52 F	24-01-00	15,102.03 F	27-07-00	17,300.95 F
17-02-00	10,759.92 F	20-08-00	12,956.82 F	24-02-00	15,154.39 F	27-08-00	17,353.30 F
17-03-00	10,812.23 F	20-09-00	13,009.13 F	24-03-00	15,206.74 F	27-09-00	17,405.66 F
17-04-00	10,864.54 F	20-10-00	13,061.44 F	24-04-00	15,259.10 F	27-10-00	17,458.02 F
17-05-00	10,916.84 F	20-11-00	13,113.75 F	24-05-00	15,311.45 F	27-11-00	17,510.37 F

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

BOLD DENOTES ROOF CRITICAL ZONE

Tank Strapping Detail Report

Tank ID **030-007** Tank Type **F** Roof Weight **3,990** API **35.00** Gravity Correction **.08**
 Strapped By: **HMT** 1/30/2013 Floating Height **3-03-00**

<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	17,562.73 F	31-06-00	19,761.67 F	35-00-00	21,960.79 F	38-06-00	24,159.91 F
28-01-00	17,615.08 F	31-07-00	19,814.03 F	35-01-00	22,013.15 F	38-07-00	24,212.27 F
28-02-00	17,667.44 F	31-08-00	19,866.39 F	35-02-00	22,065.51 F	38-08-00	24,264.63 F
28-03-00	17,719.79 F	31-09-00	19,918.75 F	35-03-00	22,117.87 F	38-09-00	24,316.99 F
28-04-00	17,772.15 F	31-10-00	19,971.11 F	35-04-00	22,170.23 F	38-10-00	24,369.35 F
28-05-00	17,824.50 F	31-11-00	20,023.47 F	35-05-00	22,222.59 F	38-11-00	24,421.71 F
28-06-00	17,876.86 F	32-00-00	20,075.83 F	35-06-00	22,274.95 F	39-00-00	24,474.07 F
28-07-00	17,929.21 F	32-01-00	20,128.19 F	35-07-00	22,327.31 F	39-01-00	24,526.43 F
28-08-00	17,981.57 F	32-02-00	20,180.55 F	35-08-00	22,379.67 F	39-02-00	24,578.80 F
28-09-00	18,033.92 F	32-03-00	20,232.91 F	35-09-00	22,432.03 F	39-03-00	24,631.17 F
28-10-00	18,086.28 F	32-04-00	20,285.27 F	35-10-00	22,484.39 F	39-04-00	24,683.55 F
28-11-00	18,138.63 F	32-05-00	20,337.63 F	35-11-00	22,536.75 F	39-05-00	24,735.92 F
29-00-00	18,190.99 F	32-06-00	20,389.99 F	36-00-00	22,589.11 F	39-06-00	24,788.30 F
29-01-00	18,243.34 F	32-07-00	20,442.35 F	36-01-00	22,641.47 F	39-07-00	24,840.67 F
29-02-00	18,295.70 F	32-08-00	20,494.71 F	36-02-00	22,693.83 F	39-08-00	24,893.05 F
29-03-00	18,348.05 F	32-09-00	20,547.07 F	36-03-00	22,746.19 F	39-09-00	24,945.42 F
29-04-00	18,400.41 F	32-10-00	20,599.43 F	36-04-00	22,798.55 F	39-10-00	24,997.80 F
29-05-00	18,452.76 F	32-11-00	20,651.79 F	36-05-00	22,850.91 F	39-11-00	25,050.17 F
29-06-00	18,505.12 F	33-00-00	20,704.15 F	36-06-00	22,903.27 F	40-00-00	25,102.54 F
29-07-00	18,557.47 F	33-01-00	20,756.51 F	36-07-00	22,955.63 F	40-01-00	25,154.92 F
29-08-00	18,609.83 F	33-02-00	20,808.87 F	36-08-00	23,007.99 F	40-02-00	25,207.29 F
29-09-00	18,662.18 F	33-03-00	20,861.23 F	36-09-00	23,060.35 F	40-03-00	25,259.67 F
29-10-00	18,714.54 F	33-04-00	20,913.59 F	36-10-00	23,112.71 F	40-04-00	25,312.04 F
29-11-00	18,766.90 F	33-05-00	20,965.95 F	36-11-00	23,165.07 F	40-05-00	25,364.42 F
30-00-00	18,819.25 F	33-06-00	21,018.31 F	37-00-00	23,217.43 F	40-06-00	25,416.79 F
30-01-00	18,871.61 F	33-07-00	21,070.67 F	37-01-00	23,269.79 F	40-07-00	25,469.16 F
30-02-00	18,923.96 F	33-08-00	21,123.03 F	37-02-00	23,322.15 F	40-08-00	25,521.54 F
30-03-00	18,976.32 F	33-09-00	21,175.39 F	37-03-00	23,374.51 F	40-09-00	25,573.91 F
30-04-00	19,028.67 F	33-10-00	21,227.75 F	37-04-00	23,426.87 F	40-10-00	25,626.29 F
30-05-00	19,081.03 F	33-11-00	21,280.11 F	37-05-00	23,479.23 F	40-11-00	25,678.66 F
30-06-00	19,133.38 F	34-00-00	21,332.47 F	37-06-00	23,531.59 F	41-00-00	25,731.04 F
30-07-00	19,185.74 F	34-01-00	21,384.83 F	37-07-00	23,583.95 F	41-01-00	25,783.41 F
30-08-00	19,238.09 F	34-02-00	21,437.19 F	37-08-00	23,636.31 F	41-02-00	25,835.79 F
30-09-00	19,290.45 F	34-03-00	21,489.55 F	37-09-00	23,688.67 F	41-03-00	25,888.16 F
30-10-00	19,342.80 F	34-04-00	21,541.91 F	37-10-00	23,741.03 F	41-04-00	25,940.53 F
30-11-00	19,395.16 F	34-05-00	21,594.27 F	37-11-00	23,793.39 F	41-05-00	25,992.91 F
31-00-00	19,447.51 F	34-06-00	21,646.63 F	38-00-00	23,845.75 F	41-06-00	26,045.28 F
31-01-00	19,499.87 F	34-07-00	21,698.99 F	38-01-00	23,898.11 F	41-07-00	26,097.66 F
31-02-00	19,552.23 F	34-08-00	21,751.35 F	38-02-00	23,950.47 F	41-08-00	26,150.03 F
31-03-00	19,604.59 F	34-09-00	21,803.71 F	38-03-00	24,002.83 F	41-09-00	26,202.41 F
31-04-00	19,656.95 F	34-10-00	21,856.07 F	38-04-00	24,055.19 F	41-10-00	26,254.78 F
31-05-00	19,709.31 F	34-11-00	21,908.43 F	38-05-00	24,107.55 F	41-11-00	26,307.16 F

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

BOLD DENOTES ROOF CRITICAL ZONE

Tank Strapping Detail Report

Tank ID **030-007** Tank Type **F** Roof Weight **3,990** API **35.00** Gravity Correction **.08**
 Strapped By: HMT 1/30/2013 Floating Height **3-03-00**

<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	26,359.53 F	45-06-00	28,559.25 F				
42-01-00	26,411.90 F	45-07-00	28,611.63 F				
42-02-00	26,464.28 F	45-08-00	28,664.00 F				
42-03-00	26,516.65 F	45-09-00	28,716.38 F				
42-04-00	26,569.03 F	45-10-00	28,768.75 F				
42-05-00	26,621.40 F	45-11-00	28,821.13 F				
42-06-00	26,673.78 F	46-00-00	28,873.50 F				
42-07-00	26,726.15 F	46-01-00	28,925.88 F				
42-08-00	26,778.52 F	46-02-00	28,978.25 F				
42-09-00	26,830.90 F	46-03-00	29,030.62 F				
42-10-00	26,883.27 F	46-04-00	29,083.00 F				
42-11-00	26,935.65 F	46-05-00	29,135.37 F				
43-00-00	26,988.02 F	46-06-00	29,187.75 F				
43-01-00	27,040.40 F	46-07-00	29,240.12 F				
43-02-00	27,092.77 F	46-08-00	29,292.50 F				
43-03-00	27,145.15 F	46-09-00	29,344.87 F				
43-04-00	27,197.52 F	46-10-00	29,397.24 F				
43-05-00	27,249.89 F	46-11-00	29,449.62 F				
43-06-00	27,302.27 F	47-00-00	29,501.99 F				
43-07-00	27,354.64 F	47-01-00	29,554.37 F				
43-08-00	27,407.02 F	47-02-00	29,606.74 F				
43-09-00	27,459.39 F	47-03-00	29,659.12 F				
43-10-00	27,511.77 F	47-04-00	29,711.49 F				
43-11-00	27,564.14 F	47-05-00	29,763.87 F				
44-00-00	27,616.52 F						
44-01-00	27,668.89 F						
44-02-00	27,721.26 F						
44-03-00	27,773.64 F						
44-04-00	27,826.01 F						
44-05-00	27,878.39 F						
44-06-00	27,930.76 F						
44-07-00	27,983.14 F						
44-08-00	28,035.51 F						
44-09-00	28,087.88 F						
44-10-00	28,140.26 F						
44-11-00	28,192.63 F						
45-00-00	28,245.01 F						
45-01-00	28,297.38 F						
45-02-00	28,349.76 F						
45-03-00	28,402.13 F						
45-04-00	28,454.51 F						
45-05-00	28,506.88 F						

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

BOLD DENOTES ROOF CRITICAL ZONE