

Tank ID **012-007** Tank Type **F** Roof Weight **4,274** API **25.00** Gravity Correction **.09**  
 Strapped By: **HMT** 10/4/2012 Floating Height **4-06-00**

<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	3.16	3-06-00	786.90	7-00-00	1,830.60 F	10-06-00	2,888.27 F
0-01-00	5.37	3-07-00	812.10	7-01-00	1,855.77 F	10-07-00	2,913.46 F
0-02-00	9.05	3-08-00	837.27	7-02-00	1,880.94 F	10-08-00	2,938.64 F
0-03-00	13.17	3-09-00	862.44	7-03-00	1,906.11 F	10-09-00	2,963.82 F
0-04-00	18.45	3-10-00	887.61	7-04-00	1,931.28 F	10-10-00	2,989.01 F
0-05-00	24.62	3-11-00	912.78	7-05-00	1,956.46 F	10-11-00	3,014.19 F
0-06-00	31.36	4-00-00	937.96	7-06-00	1,981.65 F	11-00-00	3,039.38 F
0-07-00	39.62	4-01-00	963.13	7-07-00	2,006.83 F	11-01-00	3,064.56 F
0-08-00	48.46	4-02-00	988.30	7-08-00	2,032.02 F	11-02-00	3,089.74 F
0-09-00	57.79	4-03-00	1,013.47	7-09-00	2,057.20 F	11-03-00	3,114.93 F
0-10-00	67.35	4-04-00	1,038.64	7-10-00	2,082.38 F	11-04-00	3,140.11 F
0-11-00	77.50	4-05-00	1,063.81	7-11-00	2,107.57 F	11-05-00	3,165.30 F
1-00-00	88.08	<b>4-06-00</b>	1,088.98 F	8-00-00	2,132.75 F	11-06-00	3,190.48 F
1-01-00	99.76	<b>4-07-00</b>	1,113.45 F	8-01-00	2,157.94 F	11-07-00	3,215.66 F
1-02-00	112.62	<b>4-08-00</b>	1,136.70 F	8-02-00	2,183.12 F	11-08-00	3,240.85 F
1-03-00	128.20	<b>4-09-00</b>	1,159.17 F	8-03-00	2,208.30 F	11-09-00	3,266.03 F
1-04-00	145.74	<b>4-10-00</b>	1,181.21 F	8-04-00	2,233.49 F	11-10-00	3,291.22 F
1-05-00	164.09	<b>4-11-00</b>	1,203.03 F	8-05-00	2,258.67 F	11-11-00	3,316.40 F
1-06-00	184.78	<b>5-00-00</b>	1,226.49 F	8-06-00	2,283.86 F	12-00-00	3,341.58 F
1-07-00	207.69	5-01-00	1,251.66 F	8-07-00	2,309.04 F	12-01-00	3,366.77 F
1-08-00	232.79	5-02-00	1,276.83 F	8-08-00	2,334.22 F	12-02-00	3,391.95 F
1-09-00	257.89	5-03-00	1,302.00 F	8-09-00	2,359.41 F	12-03-00	3,417.14 F
1-10-00	282.99	5-04-00	1,327.17 F	8-10-00	2,384.59 F	12-04-00	3,442.32 F
1-11-00	308.09	5-05-00	1,352.34 F	8-11-00	2,409.78 F	12-05-00	3,467.50 F
2-00-00	333.19	5-06-00	1,377.52 F	9-00-00	2,434.96 F	12-06-00	3,492.69 F
2-01-00	358.38	5-07-00	1,402.69 F	9-01-00	2,460.14 F	12-07-00	3,517.87 F
2-02-00	383.59	5-08-00	1,427.86 F	9-02-00	2,485.33 F	12-08-00	3,543.06 F
2-03-00	408.79	5-09-00	1,453.03 F	9-03-00	2,510.51 F	12-09-00	3,568.24 F
2-04-00	434.00	5-10-00	1,478.20 F	9-04-00	2,535.70 F	12-10-00	3,593.42 F
2-05-00	459.21	5-11-00	1,503.37 F	9-05-00	2,560.88 F	12-11-00	3,618.61 F
2-06-00	484.42	6-00-00	1,528.54 F	9-06-00	2,586.06 F	13-00-00	3,643.79 F
2-07-00	509.63	6-01-00	1,553.71 F	9-07-00	2,611.25 F	13-01-00	3,668.98 F
2-08-00	534.84	6-02-00	1,578.89 F	9-08-00	2,636.43 F	13-02-00	3,694.16 F
2-09-00	560.05	6-03-00	1,604.06 F	9-09-00	2,661.62 F	13-03-00	3,719.34 F
2-10-00	585.26	6-04-00	1,629.23 F	9-10-00	2,686.80 F	13-04-00	3,744.53 F
2-11-00	610.47	6-05-00	1,654.40 F	9-11-00	2,711.98 F	13-05-00	3,769.71 F
3-00-00	635.67	6-06-00	1,679.57 F	10-00-00	2,737.17 F	13-06-00	3,794.90 F
3-01-00	660.88	6-07-00	1,704.74 F	10-01-00	2,762.35 F	13-07-00	3,820.08 F
3-02-00	686.09	6-08-00	1,729.91 F	10-02-00	2,787.54 F	13-08-00	3,845.26 F
3-03-00	711.30	6-09-00	1,755.08 F	10-03-00	2,812.72 F	13-09-00	3,870.45 F
3-04-00	736.51	6-10-00	1,780.26 F	10-04-00	2,837.90 F	13-10-00	3,895.63 F
3-05-00	761.71	6-11-00	1,805.43 F	10-05-00	2,863.09 F	13-11-00	3,920.82 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 **012-007** Tank Type **F** Roof Weight **4,274** API **25.00** Gravity Correction **.09**  
 Strapped By: **HMT** 10/4/2012 Floating Height **4-06-00**

<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	3,946.00 F	17-06-00	5,003.87 F	21-00-00	6,061.83 F	24-06-00	7,119.89 F
14-01-00	3,971.18 F	17-07-00	5,029.06 F	21-01-00	6,087.02 F	24-07-00	7,145.08 F
14-02-00	3,996.37 F	17-08-00	5,054.25 F	21-02-00	6,112.21 F	24-08-00	7,170.28 F
14-03-00	4,021.55 F	17-09-00	5,079.44 F	21-03-00	6,137.40 F	24-09-00	7,195.47 F
14-04-00	4,046.74 F	17-10-00	5,104.63 F	21-04-00	6,162.59 F	24-10-00	7,220.67 F
14-05-00	4,071.92 F	17-11-00	5,129.82 F	21-05-00	6,187.78 F	24-11-00	7,245.87 F
14-06-00	4,097.10 F	18-00-00	5,155.01 F	21-06-00	6,212.97 F	25-00-00	7,271.06 F
14-07-00	4,122.29 F	18-01-00	5,180.20 F	21-07-00	6,238.16 F	25-01-00	7,296.26 F
14-08-00	4,147.47 F	18-02-00	5,205.39 F	21-08-00	6,263.35 F	25-02-00	7,321.45 F
14-09-00	4,172.66 F	18-03-00	5,230.58 F	21-09-00	6,288.54 F	25-03-00	7,346.65 F
14-10-00	4,197.84 F	18-04-00	5,255.77 F	21-10-00	6,313.73 F	25-04-00	7,371.85 F
14-11-00	4,223.02 F	18-05-00	5,280.96 F	21-11-00	6,338.92 F	25-05-00	7,397.04 F
15-00-00	4,248.21 F	18-06-00	5,306.15 F	22-00-00	6,364.11 F	25-06-00	7,422.24 F
15-01-00	4,273.39 F	18-07-00	5,331.34 F	22-01-00	6,389.30 F	25-07-00	7,447.43 F
15-02-00	4,298.58 F	18-08-00	5,356.53 F	22-02-00	6,414.49 F	25-08-00	7,472.63 F
15-03-00	4,323.76 F	18-09-00	5,381.72 F	22-03-00	6,439.68 F	25-09-00	7,497.83 F
15-04-00	4,348.94 F	18-10-00	5,406.91 F	22-04-00	6,464.87 F	25-10-00	7,523.02 F
15-05-00	4,374.13 F	18-11-00	5,432.09 F	22-05-00	6,490.06 F	25-11-00	7,548.22 F
15-06-00	4,399.32 F	19-00-00	5,457.28 F	22-06-00	6,515.25 F	26-00-00	7,573.41 F
15-07-00	4,424.51 F	19-01-00	5,482.47 F	22-07-00	6,540.44 F	26-01-00	7,598.61 F
15-08-00	4,449.70 F	19-02-00	5,507.66 F	22-08-00	6,565.63 F	26-02-00	7,623.81 F
15-09-00	4,474.89 F	19-03-00	5,532.85 F	22-09-00	6,590.82 F	26-03-00	7,649.00 F
15-10-00	4,500.08 F	19-04-00	5,558.04 F	22-10-00	6,616.01 F	26-04-00	7,674.20 F
15-11-00	4,525.27 F	19-05-00	5,583.23 F	22-11-00	6,641.20 F	26-05-00	7,699.39 F
16-00-00	4,550.46 F	19-06-00	5,608.42 F	23-00-00	6,666.39 F	26-06-00	7,724.59 F
16-01-00	4,575.65 F	19-07-00	5,633.61 F	23-01-00	6,691.57 F	26-07-00	7,749.79 F
16-02-00	4,600.84 F	19-08-00	5,658.80 F	23-02-00	6,716.76 F	26-08-00	7,774.98 F
16-03-00	4,626.03 F	19-09-00	5,683.99 F	23-03-00	6,741.95 F	26-09-00	7,800.18 F
16-04-00	4,651.22 F	19-10-00	5,709.18 F	23-04-00	6,767.14 F	26-10-00	7,825.37 F
16-05-00	4,676.41 F	19-11-00	5,734.37 F	23-05-00	6,792.34 F	26-11-00	7,850.57 F
16-06-00	4,701.60 F	20-00-00	5,759.56 F	23-06-00	6,817.53 F	27-00-00	7,875.77 F
16-07-00	4,726.79 F	20-01-00	5,784.75 F	23-07-00	6,842.73 F	27-01-00	7,900.96 F
16-08-00	4,751.98 F	20-02-00	5,809.94 F	23-08-00	6,867.93 F	27-02-00	7,926.16 F
16-09-00	4,777.17 F	20-03-00	5,835.13 F	23-09-00	6,893.12 F	27-03-00	7,951.35 F
16-10-00	4,802.35 F	20-04-00	5,860.32 F	23-10-00	6,918.32 F	27-04-00	7,976.55 F
16-11-00	4,827.54 F	20-05-00	5,885.51 F	23-11-00	6,943.51 F	27-05-00	8,001.75 F
17-00-00	4,852.73 F	20-06-00	5,910.70 F	24-00-00	6,968.71 F	27-06-00	8,026.94 F
17-01-00	4,877.92 F	20-07-00	5,935.89 F	24-01-00	6,993.91 F	27-07-00	8,052.14 F
17-02-00	4,903.11 F	20-08-00	5,961.08 F	24-02-00	7,019.10 F	27-08-00	8,077.33 F
17-03-00	4,928.30 F	20-09-00	5,986.27 F	24-03-00	7,044.30 F	27-09-00	8,102.53 F
17-04-00	4,953.49 F	20-10-00	6,011.46 F	24-04-00	7,069.49 F	27-10-00	8,127.73 F
17-05-00	4,978.68 F	20-11-00	6,036.65 F	24-05-00	7,094.69 F	27-11-00	8,152.92 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 **012-007** Tank Type **F** Roof Weight **4,274** API **25.00** Gravity Correction **.09**  
 Strapped By: HMT 10/4/2012 Floating Height **4-06-00**

<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	8,178.12 F	31-06-00	9,236.36 F	35-00-00	10,294.83 F	38-06-00	11,353.29 F
28-01-00	8,203.31 F	31-07-00	9,261.56 F	35-01-00	10,320.03 F	38-07-00	11,378.50 F
28-02-00	8,228.51 F	31-08-00	9,286.76 F	35-02-00	10,345.23 F	38-08-00	11,403.70 F
28-03-00	8,253.71 F	31-09-00	9,311.96 F	35-03-00	10,370.43 F	38-09-00	11,428.90 F
28-04-00	8,278.90 F	31-10-00	9,337.17 F	35-04-00	10,395.63 F	38-10-00	11,454.10 F
28-05-00	8,304.10 F	31-11-00	9,362.37 F	35-05-00	10,420.83 F	38-11-00	11,479.30 F
28-06-00	8,329.29 F	32-00-00	9,387.57 F	35-06-00	10,446.04 F	39-00-00	11,504.50 F
28-07-00	8,354.49 F	32-01-00	9,412.77 F	35-07-00	10,471.24 F	39-01-00	11,529.71 F
28-08-00	8,379.69 F	32-02-00	9,437.97 F	35-08-00	10,496.44 F	39-02-00	11,554.91 F
28-09-00	8,404.88 F	32-03-00	9,463.17 F	35-09-00	10,521.64 F	39-03-00	11,580.11 F
28-10-00	8,430.08 F	32-04-00	9,488.38 F	35-10-00	10,546.84 F	39-04-00	11,605.31 F
28-11-00	8,455.27 F	32-05-00	9,513.58 F	35-11-00	10,572.04 F	39-05-00	11,630.51 F
29-00-00	8,480.47 F	32-06-00	9,538.78 F	36-00-00	10,597.25 F	39-06-00	11,655.71 F
29-01-00	8,505.67 F	32-07-00	9,563.98 F	36-01-00	10,622.45 F	39-07-00	11,680.91 F
29-02-00	8,530.86 F	32-08-00	9,589.18 F	36-02-00	10,647.65 F		
29-03-00	8,556.06 F	32-09-00	9,614.38 F	36-03-00	10,672.85 F		
29-04-00	8,581.25 F	32-10-00	9,639.59 F	36-04-00	10,698.05 F		
29-05-00	8,606.45 F	32-11-00	9,664.79 F	36-05-00	10,723.25 F		
29-06-00	8,631.65 F	33-00-00	9,689.99 F	36-06-00	10,748.46 F		
29-07-00	8,656.84 F	33-01-00	9,715.19 F	36-07-00	10,773.66 F		
29-08-00	8,682.04 F	33-02-00	9,740.39 F	36-08-00	10,798.86 F		
29-09-00	8,707.23 F	33-03-00	9,765.59 F	36-09-00	10,824.06 F		
29-10-00	8,732.43 F	33-04-00	9,790.79 F	36-10-00	10,849.26 F		
29-11-00	8,757.63 F	33-05-00	9,816.00 F	36-11-00	10,874.46 F		
30-00-00	8,782.82 F	33-06-00	9,841.20 F	37-00-00	10,899.67 F		
30-01-00	8,808.02 F	33-07-00	9,866.40 F	37-01-00	10,924.87 F		
30-02-00	8,833.21 F	33-08-00	9,891.60 F	37-02-00	10,950.07 F		
30-03-00	8,858.41 F	33-09-00	9,916.80 F	37-03-00	10,975.27 F		
30-04-00	8,883.61 F	33-10-00	9,942.00 F	37-04-00	11,000.47 F		
30-05-00	8,908.80 F	33-11-00	9,967.21 F	37-05-00	11,025.67 F		
30-06-00	8,934.00 F	34-00-00	9,992.41 F	37-06-00	11,050.87 F		
30-07-00	8,959.19 F	34-01-00	10,017.61 F	37-07-00	11,076.08 F		
30-08-00	8,984.39 F	34-02-00	10,042.81 F	37-08-00	11,101.28 F		
30-09-00	9,009.59 F	34-03-00	10,068.01 F	37-09-00	11,126.48 F		
30-10-00	9,034.78 F	34-04-00	10,093.21 F	37-10-00	11,151.68 F		
30-11-00	9,059.98 F	34-05-00	10,118.42 F	37-11-00	11,176.88 F		
31-00-00	9,085.17 F	34-06-00	10,143.62 F	38-00-00	11,202.08 F		
31-01-00	9,110.37 F	34-07-00	10,168.82 F	38-01-00	11,227.29 F		
31-02-00	9,135.57 F	34-08-00	10,194.02 F	38-02-00	11,252.49 F		
31-03-00	9,160.76 F	34-09-00	10,219.22 F	38-03-00	11,277.69 F		
31-04-00	9,185.96 F	34-10-00	10,244.42 F	38-04-00	11,302.89 F		
31-05-00	9,211.16 F	34-11-00	10,269.63 F	38-05-00	11,328.09 F		

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

**BOLD DENOTES ROOF CRITICAL ZONE**