

Tank ID **012-030** Tank Type **F** Roof Weight **2,093** API **26.00** Gravity Correction **.04**  
 Strapped By: **HMT** 9/30/2009 Floating Height **3-08-00**

<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	4.00	3-06-00	844.46	7-00-00	1,720.98 F	10-06-00	2,604.84 F
0-01-00	10.03	3-07-00	865.49	7-01-00	1,742.01 F	10-07-00	2,625.89 F
0-02-00	19.80	<b>3-08-00</b>	886.52 F	7-02-00	1,763.04 F	10-08-00	2,646.95 F
0-03-00	32.06	<b>3-09-00</b>	907.29 F	7-03-00	1,784.06 F	10-09-00	2,668.00 F
0-04-00	47.42	<b>3-10-00</b>	927.43 F	7-04-00	1,805.09 F	10-10-00	2,689.05 F
0-05-00	66.18	<b>3-11-00</b>	947.16 F	7-05-00	1,826.12 F	10-11-00	2,710.10 F
0-06-00	87.21	<b>4-00-00</b>	966.67 F	7-06-00	1,847.15 F	11-00-00	2,731.16 F
0-07-00	108.23	<b>4-01-00</b>	986.05 F	7-07-00	1,868.18 F	11-01-00	2,752.21 F
0-08-00	129.26	<b>4-02-00</b>	1,006.03 F	7-08-00	1,889.20 F	11-02-00	2,773.26 F
0-09-00	150.27	4-03-00	1,027.06 F	7-09-00	1,910.23 F	11-03-00	2,794.32 F
0-10-00	171.29	4-04-00	1,048.08 F	7-10-00	1,931.26 F	11-04-00	2,815.37 F
0-11-00	192.31	4-05-00	1,069.11 F	7-11-00	1,952.29 F	11-05-00	2,836.42 F
1-00-00	213.32	4-06-00	1,090.14 F	8-00-00	1,973.32 F	11-06-00	2,857.47 F
1-01-00	234.34	4-07-00	1,111.17 F	8-01-00	1,994.34 F	11-07-00	2,878.53 F
1-02-00	255.36	4-08-00	1,132.20 F	8-02-00	2,015.37 F	11-08-00	2,899.58 F
1-03-00	276.37	4-09-00	1,153.22 F	8-03-00	2,036.42 F	11-09-00	2,920.63 F
1-04-00	297.39	4-10-00	1,174.25 F	8-04-00	2,057.47 F	11-10-00	2,941.69 F
1-05-00	318.44	4-11-00	1,195.28 F	8-05-00	2,078.52 F	11-11-00	2,962.74 F
1-06-00	339.48	5-00-00	1,216.31 F	8-06-00	2,099.57 F	12-00-00	2,983.79 F
1-07-00	360.52	5-01-00	1,237.34 F	8-07-00	2,120.63 F	12-01-00	3,004.84 F
1-08-00	381.56	5-02-00	1,258.36 F	8-08-00	2,141.68 F	12-02-00	3,025.90 F
1-09-00	402.61	5-03-00	1,279.39 F	8-09-00	2,162.73 F	12-03-00	3,046.95 F
1-10-00	423.65	5-04-00	1,300.42 F	8-10-00	2,183.78 F	12-04-00	3,068.00 F
1-11-00	444.69	5-05-00	1,321.45 F	8-11-00	2,204.84 F	12-05-00	3,089.06 F
2-00-00	465.73	5-06-00	1,342.48 F	9-00-00	2,225.89 F	12-06-00	3,110.11 F
2-01-00	486.78	5-07-00	1,363.50 F	9-01-00	2,246.94 F	12-07-00	3,131.16 F
2-02-00	507.82	5-08-00	1,384.53 F	9-02-00	2,268.00 F	12-08-00	3,152.21 F
2-03-00	528.86	5-09-00	1,405.56 F	9-03-00	2,289.05 F	12-09-00	3,173.27 F
2-04-00	549.90	5-10-00	1,426.59 F	9-04-00	2,310.10 F	12-10-00	3,194.32 F
2-05-00	570.95	5-11-00	1,447.62 F	9-05-00	2,331.15 F	12-11-00	3,215.37 F
2-06-00	591.99	6-00-00	1,468.64 F	9-06-00	2,352.21 F	13-00-00	3,236.42 F
2-07-00	613.03	6-01-00	1,489.67 F	9-07-00	2,373.26 F	13-01-00	3,257.48 F
2-08-00	634.07	6-02-00	1,510.70 F	9-08-00	2,394.31 F	13-02-00	3,278.53 F
2-09-00	655.12	6-03-00	1,531.73 F	9-09-00	2,415.37 F	13-03-00	3,299.58 F
2-10-00	676.16	6-04-00	1,552.76 F	9-10-00	2,436.42 F	13-04-00	3,320.64 F
2-11-00	697.20	6-05-00	1,573.78 F	9-11-00	2,457.47 F	13-05-00	3,341.69 F
3-00-00	718.24	6-06-00	1,594.81 F	10-00-00	2,478.52 F	13-06-00	3,362.74 F
3-01-00	739.28	6-07-00	1,615.84 F	10-01-00	2,499.58 F	13-07-00	3,383.79 F
3-02-00	760.33	6-08-00	1,636.87 F	10-02-00	2,520.63 F	13-08-00	3,404.85 F
3-03-00	781.37	6-09-00	1,657.90 F	10-03-00	2,541.68 F	13-09-00	3,425.90 F
3-04-00	802.41	6-10-00	1,678.92 F	10-04-00	2,562.74 F	13-10-00	3,446.95 F
3-05-00	823.44	6-11-00	1,699.95 F	10-05-00	2,583.79 F	13-11-00	3,468.01 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 **012-030** Tank Type **F** Roof Weight **2,093** API **26.00** Gravity Correction **.04**  
 Strapped By: HMT 9/30/2009 Floating Height **3-08-00**

<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	3,489.06 F	17-06-00	4,373.53 F	21-00-00	5,258.42 F	24-06-00	6,143.35 F
14-01-00	3,510.11 F	17-07-00	4,394.59 F	21-01-00	5,279.48 F	24-07-00	6,164.43 F
14-02-00	3,531.16 F	17-08-00	4,415.66 F	21-02-00	5,300.55 F	24-08-00	6,185.51 F
14-03-00	3,552.22 F	17-09-00	4,436.73 F	21-03-00	5,321.62 F	24-09-00	6,206.60 F
14-04-00	3,573.27 F	17-10-00	4,457.80 F	21-04-00	5,342.69 F	24-10-00	6,227.68 F
14-05-00	3,594.32 F	17-11-00	4,478.87 F	21-05-00	5,363.76 F	24-11-00	6,248.76 F
14-06-00	3,615.38 F	18-00-00	4,499.94 F	21-06-00	5,384.83 F	25-00-00	6,269.84 F
14-07-00	3,636.43 F	18-01-00	4,521.01 F	21-07-00	5,405.90 F	25-01-00	6,290.92 F
14-08-00	3,657.48 F	18-02-00	4,542.08 F	21-08-00	5,426.97 F	25-02-00	6,312.00 F
14-09-00	3,678.53 F	18-03-00	4,563.15 F	21-09-00	5,448.03 F	25-03-00	6,333.09 F
14-10-00	3,699.59 F	18-04-00	4,584.21 F	21-10-00	5,469.10 F	25-04-00	6,354.17 F
14-11-00	3,720.64 F	18-05-00	4,605.28 F	21-11-00	5,490.17 F	25-05-00	6,375.25 F
15-00-00	3,741.69 F	18-06-00	4,626.35 F	22-00-00	5,511.24 F	25-06-00	6,396.33 F
15-01-00	3,762.74 F	18-07-00	4,647.42 F	22-01-00	5,532.31 F	25-07-00	6,417.41 F
15-02-00	3,783.80 F	18-08-00	4,668.49 F	22-02-00	5,553.38 F	25-08-00	6,438.49 F
15-03-00	3,804.85 F	18-09-00	4,689.56 F	22-03-00	5,574.45 F	25-09-00	6,459.58 F
15-04-00	3,825.90 F	18-10-00	4,710.63 F	22-04-00	5,595.52 F	25-10-00	6,480.66 F
15-05-00	3,846.96 F	18-11-00	4,731.70 F	22-05-00	5,616.59 F	25-11-00	6,501.74 F
15-06-00	3,868.01 F	19-00-00	4,752.76 F	22-06-00	5,637.65 F	26-00-00	6,522.82 F
15-07-00	3,889.06 F	19-01-00	4,773.83 F	22-07-00	5,658.72 F	26-01-00	6,543.90 F
15-08-00	3,910.11 F	19-02-00	4,794.90 F	22-08-00	5,679.79 F	26-02-00	6,564.98 F
15-09-00	3,931.17 F	19-03-00	4,815.97 F	22-09-00	5,700.86 F	26-03-00	6,586.07 F
15-10-00	3,952.22 F	19-04-00	4,837.04 F	22-10-00	5,721.93 F	26-04-00	6,607.15 F
15-11-00	3,973.27 F	19-05-00	4,858.11 F	22-11-00	5,743.00 F	26-05-00	6,628.23 F
16-00-00	3,994.33 F	19-06-00	4,879.18 F	23-00-00	5,764.07 F	26-06-00	6,649.31 F
16-01-00	4,015.38 F	19-07-00	4,900.25 F	23-01-00	5,785.14 F	26-07-00	6,670.39 F
16-02-00	4,036.43 F	19-08-00	4,921.31 F	23-02-00	5,806.20 F	26-08-00	6,691.47 F
16-03-00	4,057.49 F	19-09-00	4,942.38 F	23-03-00	5,827.27 F	26-09-00	6,712.55 F
16-04-00	4,078.56 F	19-10-00	4,963.45 F	23-04-00	5,848.34 F	26-10-00	6,733.64 F
16-05-00	4,099.63 F	19-11-00	4,984.52 F	23-05-00	5,869.41 F	26-11-00	6,754.72 F
16-06-00	4,120.70 F	20-00-00	5,005.59 F	23-06-00	5,890.48 F	27-00-00	6,775.80 F
16-07-00	4,141.77 F	20-01-00	5,026.66 F	23-07-00	5,911.55 F	27-01-00	6,796.88 F
16-08-00	4,162.84 F	20-02-00	5,047.73 F	23-08-00	5,932.62 F	27-02-00	6,817.96 F
16-09-00	4,183.91 F	20-03-00	5,068.80 F	23-09-00	5,953.69 F	27-03-00	6,839.04 F
16-10-00	4,204.98 F	20-04-00	5,089.87 F	23-10-00	5,974.75 F	27-04-00	6,860.13 F
16-11-00	4,226.04 F	20-05-00	5,110.93 F	23-11-00	5,995.82 F	27-05-00	6,881.21 F
17-00-00	4,247.11 F	20-06-00	5,132.00 F	24-00-00	6,016.89 F	27-06-00	6,902.29 F
17-01-00	4,268.18 F	20-07-00	5,153.07 F	24-01-00	6,037.96 F	27-07-00	6,923.37 F
17-02-00	4,289.25 F	20-08-00	5,174.14 F	24-02-00	6,059.03 F	27-08-00	6,944.45 F
17-03-00	4,310.32 F	20-09-00	5,195.21 F	24-03-00	6,080.11 F	27-09-00	6,965.53 F
17-04-00	4,331.39 F	20-10-00	5,216.28 F	24-04-00	6,101.19 F	27-10-00	6,986.62 F
17-05-00	4,352.46 F	20-11-00	5,237.35 F	24-05-00	6,122.27 F	27-11-00	7,007.70 F

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**BOLD DENOTES ROOF CRITICAL ZONE**

Tank ID **012-030** Tank Type **F** Roof Weight **2,093** API **26.00** Gravity Correction **.04**  
 Strapped By: HMT 9/30/2009 Floating Height **3-08-00**

<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	7,028.78 F	31-06-00	7,914.21 F	35-00-00	8,800.04 F	38-06-00	9,685.97 F
28-01-00	7,049.86 F	31-07-00	7,935.29 F	35-01-00	8,821.13 F	38-07-00	9,707.06 F
28-02-00	7,070.94 F	31-08-00	7,956.37 F	35-02-00	8,842.22 F	38-08-00	9,728.16 F
28-03-00	7,092.02 F	31-09-00	7,977.45 F	35-03-00	8,863.32 F	38-09-00	9,749.25 F
28-04-00	7,113.11 F	31-10-00	7,998.53 F	35-04-00	8,884.41 F	38-10-00	9,770.34 F
28-05-00	7,134.19 F	31-11-00	8,019.61 F	35-05-00	8,905.50 F	38-11-00	9,791.44 F
28-06-00	7,155.27 F	32-00-00	8,040.70 F	35-06-00	8,926.60 F	39-00-00	9,812.53 F
28-07-00	7,176.35 F	32-01-00	8,061.78 F	35-07-00	8,947.69 F	39-01-00	9,833.62 F
28-08-00	7,197.43 F	32-02-00	8,082.86 F	35-08-00	8,968.79 F	39-02-00	9,854.72 F
28-09-00	7,218.51 F	32-03-00	8,103.95 F	35-09-00	8,989.88 F	39-03-00	9,875.81 F
28-10-00	7,239.59 F	32-04-00	8,125.04 F	35-10-00	9,010.97 F	39-04-00	9,896.90 F
28-11-00	7,260.68 F	32-05-00	8,146.14 F	35-11-00	9,032.07 F	39-05-00	9,918.00 F
29-00-00	7,281.76 F	32-06-00	8,167.23 F	36-00-00	9,053.16 F	39-06-00	9,939.09 F
29-01-00	7,302.84 F	32-07-00	8,188.32 F	36-01-00	9,074.25 F	39-07-00	9,960.18 F
29-02-00	7,323.92 F	32-08-00	8,209.42 F	36-02-00	9,095.35 F	39-08-00	9,981.28 F
29-03-00	7,345.00 F	32-09-00	8,230.51 F	36-03-00	9,116.44 F	39-09-00	10,002.37 F
29-04-00	7,366.08 F	32-10-00	8,251.60 F	36-04-00	9,137.53 F	39-10-00	10,023.47 F
29-05-00	7,387.17 F	32-11-00	8,272.70 F	36-05-00	9,158.63 F	39-11-00	10,044.56 F
29-06-00	7,408.25 F	33-00-00	8,293.79 F	36-06-00	9,179.72 F	40-00-00	10,065.65 F
29-07-00	7,429.33 F	33-01-00	8,314.88 F	36-07-00	9,200.82 F	40-01-00	10,086.75 F
29-08-00	7,450.41 F	33-02-00	8,335.98 F	36-08-00	9,221.91 F	40-02-00	10,107.84 F
29-09-00	7,471.49 F	33-03-00	8,357.07 F	36-09-00	9,243.00 F	40-03-00	10,128.93 F
29-10-00	7,492.57 F	33-04-00	8,378.16 F	36-10-00	9,264.10 F	40-04-00	10,150.01 F
29-11-00	7,513.66 F	33-05-00	8,399.26 F	36-11-00	9,285.19 F	40-05-00	10,171.09 F
30-00-00	7,534.74 F	33-06-00	8,420.35 F	37-00-00	9,306.28 F	40-06-00	10,192.17 F
30-01-00	7,555.82 F	33-07-00	8,441.45 F	37-01-00	9,327.38 F	40-07-00	10,213.25 F
30-02-00	7,576.90 F	33-08-00	8,462.54 F	37-02-00	9,348.47 F	40-08-00	10,234.33 F
30-03-00	7,597.98 F	33-09-00	8,483.63 F	37-03-00	9,369.56 F	40-09-00	10,255.41 F
30-04-00	7,619.06 F	33-10-00	8,504.73 F	37-04-00	9,390.66 F	40-10-00	10,276.49 F
30-05-00	7,640.15 F	33-11-00	8,525.82 F	37-05-00	9,411.75 F	40-11-00	10,297.57 F
30-06-00	7,661.23 F	34-00-00	8,546.91 F	37-06-00	9,432.84 F	41-00-00	10,318.65 F
30-07-00	7,682.31 F	34-01-00	8,568.01 F	37-07-00	9,453.94 F	41-01-00	10,339.73 F
30-08-00	7,703.39 F	34-02-00	8,589.10 F	37-08-00	9,475.03 F	41-02-00	10,360.81 F
30-09-00	7,724.47 F	34-03-00	8,610.19 F	37-09-00	9,496.13 F	41-03-00	10,381.90 F
30-10-00	7,745.55 F	34-04-00	8,631.29 F	37-10-00	9,517.22 F	41-04-00	10,402.98 F
30-11-00	7,766.63 F	34-05-00	8,652.38 F	37-11-00	9,538.31 F	41-05-00	10,424.06 F
31-00-00	7,787.72 F	34-06-00	8,673.48 F	38-00-00	9,559.41 F	41-06-00	10,445.14 F
31-01-00	7,808.80 F	34-07-00	8,694.57 F	38-01-00	9,580.50 F	41-07-00	10,466.22 F
31-02-00	7,829.88 F	34-08-00	8,715.66 F	38-02-00	9,601.59 F	41-08-00	10,487.30 F
31-03-00	7,850.96 F	34-09-00	8,736.76 F	38-03-00	9,622.69 F	41-09-00	10,508.38 F
31-04-00	7,872.04 F	34-10-00	8,757.85 F	38-04-00	9,643.78 F	41-10-00	10,529.46 F
31-05-00	7,893.12 F	34-11-00	8,778.94 F	38-05-00	9,664.87 F	41-11-00	10,550.54 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 **012-030** Tank Type **F** Roof Weight **2,093** API **26.00** Gravity Correction **.04**  
 Strapped By: HMT 9/30/2009 Floating Height **3-08-00**

<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	10,571.62 F	45-06-00	11,457.02 F				
42-01-00	10,592.70 F	45-07-00	11,478.10 F				
42-02-00	10,613.78 F	45-08-00	11,499.18 F				
42-03-00	10,634.86 F	45-09-00	11,520.26 F				
42-04-00	10,655.95 F	45-10-00	11,541.34 F				
42-05-00	10,677.03 F	45-11-00	11,562.42 F				
42-06-00	10,698.11 F	46-00-00	11,583.50 F				
42-07-00	10,719.19 F	46-01-00	11,604.58 F				
42-08-00	10,740.27 F	46-02-00	11,625.66 F				
42-09-00	10,761.35 F	46-03-00	11,646.74 F				
42-10-00	10,782.43 F	46-04-00	11,667.82 F				
42-11-00	10,803.51 F	46-05-00	11,688.90 F				
43-00-00	10,824.59 F	46-06-00	11,709.99 F				
43-01-00	10,845.67 F	46-07-00	11,731.07 F				
43-02-00	10,866.75 F	46-08-00	11,752.15 F				
43-03-00	10,887.83 F	46-09-00	11,773.23 F				
43-04-00	10,908.92 F	46-10-00	11,794.31 F				
43-05-00	10,930.00 F	46-11-00	11,815.39 F				
43-06-00	10,951.08 F	47-00-00	11,836.47 F				
43-07-00	10,972.16 F	47-01-00	11,857.55 F				
43-08-00	10,993.24 F	47-02-00	11,878.63 F				
43-09-00	11,014.32 F	47-03-00	11,899.71 F				
43-10-00	11,035.40 F	47-04-00	11,920.79 F				
43-11-00	11,056.48 F	47-05-00	11,941.87 F				
44-00-00	11,077.56 F	47-06-00	11,962.96 F				
44-01-00	11,098.64 F	47-07-00	11,984.04 F				
44-02-00	11,119.72 F	47-08-00	12,005.12 F				
44-03-00	11,140.80 F	47-09-00	12,026.20 F				
44-04-00	11,161.88 F	47-10-00	12,047.28 F				
44-05-00	11,182.97 F	47-11-00	12,068.36 F				
44-06-00	11,204.05 F	48-00-00	12,089.44 F				
44-07-00	11,225.13 F	48-01-00	12,110.52 F				
44-08-00	11,246.21 F	48-02-00	12,131.60 F				
44-09-00	11,267.29 F	48-03-00	12,152.68 F				
44-10-00	11,288.37 F	48-04-00	12,173.76 F				
44-11-00	11,309.45 F	48-05-00	12,194.84 F				
45-00-00	11,330.53 F	48-06-00	12,215.92 F				
45-01-00	11,351.61 F						
45-02-00	11,372.69 F						
45-03-00	11,393.77 F						
45-04-00	11,414.85 F						
45-05-00	11,435.94 F						

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

**BOLD DENOTES ROOF CRITICAL ZONE**