

Tank ID **035-011** Tank Type **F** Roof Weight **55,909** API **10.00** Gravity Correction **1.13**
 Strapped By: **HMT** 12/9/2009 Floating Height **5-11-00**

<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	2.01	3-06-00	2,231.42	7-00-00	4,679.36 F	10-06-00	7,286.95 F
0-01-00	6.92	3-07-00	2,293.55	7-01-00	4,741.45 F	10-07-00	7,349.04 F
0-02-00	15.44	3-08-00	2,355.68	7-02-00	4,803.54 F	10-08-00	7,411.12 F
0-03-00	26.26	3-09-00	2,417.81	7-03-00	4,865.63 F	10-09-00	7,473.20 F
0-04-00	41.25	3-10-00	2,479.94	7-04-00	4,927.72 F	10-10-00	7,535.28 F
0-05-00	60.20	3-11-00	2,542.07	7-05-00	4,989.80 F	10-11-00	7,597.37 F
0-06-00	84.68	4-00-00	2,604.17	7-06-00	5,051.89 F	11-00-00	7,659.45 F
0-07-00	115.58	4-01-00	2,666.25	7-07-00	5,113.98 F	11-01-00	7,721.53 F
0-08-00	152.73	4-02-00	2,728.33	7-08-00	5,176.07 F	11-02-00	7,783.61 F
0-09-00	197.31	4-03-00	2,790.41	7-09-00	5,238.16 F	11-03-00	7,845.69 F
0-10-00	248.69	4-04-00	2,852.50	7-10-00	5,300.24 F	11-04-00	7,907.78 F
0-11-00	305.71	4-05-00	2,914.58	7-11-00	5,362.33 F	11-05-00	7,969.86 F
1-00-00	367.45	4-06-00	2,976.66	8-00-00	5,424.42 F	11-06-00	8,031.94 F
1-01-00	429.58	4-07-00	3,038.74	8-01-00	5,486.51 F	11-07-00	8,094.02 F
1-02-00	491.72	4-08-00	3,100.83	8-02-00	5,548.60 F	11-08-00	8,156.11 F
1-03-00	553.86	4-09-00	3,162.91	8-03-00	5,610.68 F	11-09-00	8,218.19 F
1-04-00	616.00	4-10-00	3,224.99	8-04-00	5,672.77 F	11-10-00	8,280.27 F
1-05-00	678.14	4-11-00	3,287.07	8-05-00	5,734.86 F	11-11-00	8,342.35 F
1-06-00	740.29	5-00-00	3,349.16	8-06-00	5,796.95 F	12-00-00	8,404.44 F
1-07-00	802.43	5-01-00	3,411.24	8-07-00	5,859.04 F	12-01-00	8,466.52 F
1-08-00	864.57	5-02-00	3,473.32	8-08-00	5,921.12 F	12-02-00	8,528.60 F
1-09-00	926.71	5-03-00	3,535.40	8-09-00	5,983.21 F	12-03-00	8,590.68 F
1-10-00	988.84	5-04-00	3,597.49	8-10-00	6,045.30 F	12-04-00	8,652.77 F
1-11-00	1,050.97	5-05-00	3,659.57	8-11-00	6,107.39 F	12-05-00	8,714.85 F
2-00-00	1,113.10	5-06-00	3,721.65	9-00-00	6,169.47 F	12-06-00	8,776.93 F
2-01-00	1,175.23	5-07-00	3,783.73	9-01-00	6,231.55 F	12-07-00	8,839.01 F
2-02-00	1,237.36	5-08-00	3,845.82	9-02-00	6,293.63 F	12-08-00	8,901.10 F
2-03-00	1,299.49	5-09-00	3,907.90	9-03-00	6,355.72 F	12-09-00	8,963.18 F
2-04-00	1,361.62	5-10-00	3,969.98	9-04-00	6,417.80 F	12-10-00	9,025.26 F
2-05-00	1,423.75	5-11-00	4,032.06 F	9-05-00	6,479.88 F	12-11-00	9,087.34 F
2-06-00	1,485.88	6-00-00	4,060.85 F	9-06-00	6,541.96 F	13-00-00	9,149.43 F
2-07-00	1,548.01	6-01-00	4,069.66 F	9-07-00	6,604.05 F	13-01-00	9,211.51 F
2-08-00	1,610.14	6-02-00	4,078.46 F	9-08-00	6,666.13 F	13-02-00	9,273.59 F
2-09-00	1,672.26	6-03-00	4,120.57 F	9-09-00	6,728.21 F	13-03-00	9,335.67 F
2-10-00	1,734.39	6-04-00	4,182.66 F	9-10-00	6,790.29 F	13-04-00	9,397.75 F
2-11-00	1,796.52	6-05-00	4,244.75 F	9-11-00	6,852.38 F	13-05-00	9,459.84 F
3-00-00	1,858.65	6-06-00	4,306.84 F	10-00-00	6,914.46 F	13-06-00	9,521.92 F
3-01-00	1,920.78	6-07-00	4,368.92 F	10-01-00	6,976.54 F	13-07-00	9,584.00 F
3-02-00	1,982.91	6-08-00	4,431.01 F	10-02-00	7,038.62 F	13-08-00	9,646.08 F
3-03-00	2,045.04	6-09-00	4,493.10 F	10-03-00	7,100.71 F	13-09-00	9,708.17 F
3-04-00	2,107.17	6-10-00	4,555.19 F	10-04-00	7,162.79 F	13-10-00	9,770.25 F
3-05-00	2,169.29	6-11-00	4,617.28 F	10-05-00	7,224.87 F	13-11-00	9,832.33 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 **035-011** Tank Type **F** Roof Weight **55,909** API **10.00** Gravity Correction **1.13**
 Strapped By: **HMT** 12/9/2009 Floating Height **5-11-00**

<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	9,894.41 F	17-06-00	12,501.87 F	21-00-00	15,109.70 F	24-06-00	17,717.56 F
14-01-00	9,956.50 F	17-07-00	12,563.96 F	21-01-00	15,171.79 F	24-07-00	17,779.65 F
14-02-00	10,018.58 F	17-08-00	12,626.04 F	21-02-00	15,233.88 F	24-08-00	17,841.74 F
14-03-00	10,080.66 F	17-09-00	12,688.12 F	21-03-00	15,295.97 F	24-09-00	17,903.84 F
14-04-00	10,142.74 F	17-10-00	12,750.20 F	21-04-00	15,358.06 F	24-10-00	17,965.93 F
14-05-00	10,204.83 F	17-11-00	12,812.29 F	21-05-00	15,420.16 F	24-11-00	18,028.02 F
14-06-00	10,266.91 F	18-00-00	12,874.38 F	21-06-00	15,482.25 F	25-00-00	18,090.11 F
14-07-00	10,328.99 F	18-01-00	12,936.48 F	21-07-00	15,544.34 F	25-01-00	18,152.20 F
14-08-00	10,391.07 F	18-02-00	12,998.57 F	21-08-00	15,606.43 F	25-02-00	18,214.30 F
14-09-00	10,453.16 F	18-03-00	13,060.66 F	21-09-00	15,668.52 F	25-03-00	18,276.39 F
14-10-00	10,515.24 F	18-04-00	13,122.75 F	21-10-00	15,730.62 F	25-04-00	18,338.48 F
14-11-00	10,577.32 F	18-05-00	13,184.84 F	21-11-00	15,792.71 F	25-05-00	18,400.57 F
15-00-00	10,639.40 F	18-06-00	13,246.94 F	22-00-00	15,854.80 F	25-06-00	18,462.66 F
15-01-00	10,701.49 F	18-07-00	13,309.03 F	22-01-00	15,916.89 F	25-07-00	18,524.76 F
15-02-00	10,763.57 F	18-08-00	13,371.12 F	22-02-00	15,978.98 F	25-08-00	18,586.85 F
15-03-00	10,825.65 F	18-09-00	13,433.21 F	22-03-00	16,041.08 F	25-09-00	18,648.94 F
15-04-00	10,887.73 F	18-10-00	13,495.30 F	22-04-00	16,103.17 F	25-10-00	18,711.03 F
15-05-00	10,949.81 F	18-11-00	13,557.40 F	22-05-00	16,165.26 F	25-11-00	18,773.12 F
15-06-00	11,011.90 F	19-00-00	13,619.49 F	22-06-00	16,227.35 F	26-00-00	18,835.22 F
15-07-00	11,073.98 F	19-01-00	13,681.58 F	22-07-00	16,289.44 F	26-01-00	18,897.31 F
15-08-00	11,136.06 F	19-02-00	13,743.67 F	22-08-00	16,351.54 F	26-02-00	18,959.40 F
15-09-00	11,198.14 F	19-03-00	13,805.76 F	22-09-00	16,413.63 F	26-03-00	19,021.49 F
15-10-00	11,260.23 F	19-04-00	13,867.86 F	22-10-00	16,475.72 F	26-04-00	19,083.58 F
15-11-00	11,322.31 F	19-05-00	13,929.95 F	22-11-00	16,537.81 F	26-05-00	19,145.68 F
16-00-00	11,384.39 F	19-06-00	13,992.04 F	23-00-00	16,599.90 F	26-06-00	19,207.77 F
16-01-00	11,446.47 F	19-07-00	14,054.13 F	23-01-00	16,662.00 F	26-07-00	19,269.86 F
16-02-00	11,508.56 F	19-08-00	14,116.22 F	23-02-00	16,724.09 F	26-08-00	19,331.95 F
16-03-00	11,570.64 F	19-09-00	14,178.32 F	23-03-00	16,786.18 F	26-09-00	19,394.04 F
16-04-00	11,632.72 F	19-10-00	14,240.41 F	23-04-00	16,848.27 F	26-10-00	19,456.15 F
16-05-00	11,694.80 F	19-11-00	14,302.50 F	23-05-00	16,910.36 F	26-11-00	19,518.33 F
16-06-00	11,756.89 F	20-00-00	14,364.59 F	23-06-00	16,972.46 F	27-00-00	19,580.50 F
16-07-00	11,818.97 F	20-01-00	14,426.68 F	23-07-00	17,034.55 F	27-01-00	19,642.68 F
16-08-00	11,881.05 F	20-02-00	14,488.78 F	23-08-00	17,096.64 F	27-02-00	19,704.86 F
16-09-00	11,943.13 F	20-03-00	14,550.87 F	23-09-00	17,158.73 F	27-03-00	19,767.04 F
16-10-00	12,005.22 F	20-04-00	14,612.96 F	23-10-00	17,220.82 F	27-04-00	19,829.21 F
16-11-00	12,067.30 F	20-05-00	14,675.05 F	23-11-00	17,282.92 F	27-05-00	19,891.39 F
17-00-00	12,129.38 F	20-06-00	14,737.14 F	24-00-00	17,345.01 F	27-06-00	19,953.57 F
17-01-00	12,191.46 F	20-07-00	14,799.24 F	24-01-00	17,407.10 F	27-07-00	20,015.75 F
17-02-00	12,253.55 F	20-08-00	14,861.33 F	24-02-00	17,469.19 F	27-08-00	20,077.92 F
17-03-00	12,315.63 F	20-09-00	14,923.42 F	24-03-00	17,531.28 F	27-09-00	20,140.10 F
17-04-00	12,377.71 F	20-10-00	14,985.51 F	24-04-00	17,593.38 F	27-10-00	20,202.28 F
17-05-00	12,439.79 F	20-11-00	15,047.60 F	24-05-00	17,655.47 F	27-11-00	20,264.46 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 **035-011** Tank Type **F** Roof Weight **55,909** API **10.00** Gravity Correction **1.13**
 Strapped By: **HMT** 12/9/2009 Floating Height **5-11-00**

<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	20,326.63 F	31-06-00	22,938.09 F	35-00-00	25,549.55 F	38-06-00	28,163.02 F
28-01-00	20,388.81 F	31-07-00	23,000.27 F	35-01-00	25,611.73 F	38-07-00	28,225.26 F
28-02-00	20,450.99 F	31-08-00	23,062.45 F	35-02-00	25,673.91 F	38-08-00	28,287.50 F
28-03-00	20,513.17 F	31-09-00	23,124.63 F	35-03-00	25,736.09 F	38-09-00	28,349.74 F
28-04-00	20,575.34 F	31-10-00	23,186.80 F	35-04-00	25,798.26 F	38-10-00	28,411.98 F
28-05-00	20,637.52 F	31-11-00	23,248.98 F	35-05-00	25,860.44 F	38-11-00	28,474.22 F
28-06-00	20,699.70 F	32-00-00	23,311.16 F	35-06-00	25,922.62 F	39-00-00	28,536.46 F
28-07-00	20,761.88 F	32-01-00	23,373.34 F	35-07-00	25,984.80 F	39-01-00	28,598.70 F
28-08-00	20,824.05 F	32-02-00	23,435.51 F	35-08-00	26,046.97 F	39-02-00	28,660.93 F
28-09-00	20,886.23 F	32-03-00	23,497.69 F	35-09-00	26,109.15 F	39-03-00	28,723.17 F
28-10-00	20,948.41 F	32-04-00	23,559.87 F	35-10-00	26,171.37 F	39-04-00	28,785.41 F
28-11-00	21,010.59 F	32-05-00	23,622.05 F	35-11-00	26,233.61 F	39-05-00	28,847.65 F
29-00-00	21,072.77 F	32-06-00	23,684.22 F	36-00-00	26,295.85 F	39-06-00	28,909.89 F
29-01-00	21,134.94 F	32-07-00	23,746.40 F	36-01-00	26,358.08 F	39-07-00	28,972.13 F
29-02-00	21,197.12 F	32-08-00	23,808.58 F	36-02-00	26,420.32 F	39-08-00	29,034.37 F
29-03-00	21,259.30 F	32-09-00	23,870.76 F	36-03-00	26,482.56 F	39-09-00	29,096.61 F
29-04-00	21,321.48 F	32-10-00	23,932.93 F	36-04-00	26,544.80 F	39-10-00	29,158.85 F
29-05-00	21,383.65 F	32-11-00	23,995.11 F	36-05-00	26,607.04 F	39-11-00	29,221.09 F
29-06-00	21,445.83 F	33-00-00	24,057.29 F	36-06-00	26,669.28 F	40-00-00	29,283.33 F
29-07-00	21,508.01 F	33-01-00	24,119.47 F	36-07-00	26,731.52 F	40-01-00	29,345.57 F
29-08-00	21,570.19 F	33-02-00	24,181.65 F	36-08-00	26,793.76 F	40-02-00	29,407.81 F
29-09-00	21,632.36 F	33-03-00	24,243.82 F	36-09-00	26,856.00 F	40-03-00	29,470.04 F
29-10-00	21,694.54 F	33-04-00	24,306.00 F	36-10-00	26,918.24 F	40-04-00	29,532.28 F
29-11-00	21,756.72 F	33-05-00	24,368.18 F	36-11-00	26,980.48 F	40-05-00	29,594.52 F
30-00-00	21,818.90 F	33-06-00	24,430.36 F	37-00-00	27,042.72 F	40-06-00	29,656.76 F
30-01-00	21,881.07 F	33-07-00	24,492.53 F	37-01-00	27,104.95 F	40-07-00	29,719.00 F
30-02-00	21,943.25 F	33-08-00	24,554.71 F	37-02-00	27,167.19 F	40-08-00	29,781.24 F
30-03-00	22,005.43 F	33-09-00	24,616.89 F	37-03-00	27,229.43 F	40-09-00	29,843.48 F
30-04-00	22,067.61 F	33-10-00	24,679.07 F	37-04-00	27,291.67 F	40-10-00	29,905.72 F
30-05-00	22,129.78 F	33-11-00	24,741.24 F	37-05-00	27,353.91 F	40-11-00	29,967.96 F
30-06-00	22,191.96 F	34-00-00	24,803.42 F	37-06-00	27,416.15 F	41-00-00	30,030.20 F
30-07-00	22,254.14 F	34-01-00	24,865.60 F	37-07-00	27,478.39 F	41-01-00	30,092.44 F
30-08-00	22,316.32 F	34-02-00	24,927.78 F	37-08-00	27,540.63 F	41-02-00	30,154.68 F
30-09-00	22,378.49 F	34-03-00	24,989.95 F	37-09-00	27,602.87 F	41-03-00	30,216.91 F
30-10-00	22,440.67 F	34-04-00	25,052.13 F	37-10-00	27,665.11 F	41-04-00	30,279.15 F
30-11-00	22,502.85 F	34-05-00	25,114.31 F	37-11-00	27,727.35 F	41-05-00	30,341.39 F
31-00-00	22,565.03 F	34-06-00	25,176.49 F	38-00-00	27,789.59 F	41-06-00	30,403.63 F
31-01-00	22,627.21 F	34-07-00	25,238.66 F	38-01-00	27,851.83 F	41-07-00	30,465.87 F
31-02-00	22,689.38 F	34-08-00	25,300.84 F	38-02-00	27,914.06 F	41-08-00	30,528.11 F
31-03-00	22,751.56 F	34-09-00	25,363.02 F	38-03-00	27,976.30 F	41-09-00	30,590.35 F
31-04-00	22,813.74 F	34-10-00	25,425.20 F	38-04-00	28,038.54 F	41-10-00	30,652.59 F
31-05-00	22,875.92 F	34-11-00	25,487.37 F	38-05-00	28,100.78 F	41-11-00	30,714.83 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 **035-011** Tank Type **F** Roof Weight **55,909** API **10.00** Gravity Correction **1.13**
 Strapped By: HMT 12/9/2009 Floating Height **5-11-00**

<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	30,777.07 F	45-06-00	33,391.57 F	49-00-00	36,007.74 F	52-06-00	38,623.90 F
42-01-00	30,839.31 F	45-07-00	33,453.86 F	49-01-00	36,070.03 F	52-07-00	38,686.19 F
42-02-00	30,901.55 F	45-08-00	33,516.15 F	49-02-00	36,132.32 F	52-08-00	38,748.48 F
42-03-00	30,963.79 F	45-09-00	33,578.44 F	49-03-00	36,194.61 F	52-09-00	38,810.77 F
42-04-00	31,026.02 F	45-10-00	33,640.73 F	49-04-00	36,256.90 F	52-10-00	38,873.06 F
42-05-00	31,088.26 F	45-11-00	33,703.02 F	49-05-00	36,319.19 F	52-11-00	38,935.35 F
42-06-00	31,150.50 F	46-00-00	33,765.31 F	49-06-00	36,381.47 F	53-00-00	38,997.64 F
42-07-00	31,212.74 F	46-01-00	33,827.60 F	49-07-00	36,443.76 F	53-01-00	39,059.93 F
42-08-00	31,274.98 F	46-02-00	33,889.89 F	49-08-00	36,506.05 F	53-02-00	39,122.22 F
42-09-00	31,337.22 F	46-03-00	33,952.18 F	49-09-00	36,568.34 F	53-03-00	39,184.51 F
42-10-00	31,399.46 F	46-04-00	34,014.47 F	49-10-00	36,630.63 F	53-04-00	39,246.80 F
42-11-00	31,461.70 F	46-05-00	34,076.76 F	49-11-00	36,692.92 F	53-05-00	39,309.09 F
43-00-00	31,523.94 F	46-06-00	34,139.05 F	50-00-00	36,755.21 F	53-06-00	39,371.38 F
43-01-00	31,586.18 F	46-07-00	34,201.34 F	50-01-00	36,817.50 F	53-07-00	39,433.67 F
43-02-00	31,648.42 F	46-08-00	34,263.63 F	50-02-00	36,879.79 F	53-08-00	39,495.95 F
43-03-00	31,710.66 F	46-09-00	34,325.92 F	50-03-00	36,942.08 F	53-09-00	39,558.24 F
43-04-00	31,772.89 F	46-10-00	34,388.21 F	50-04-00	37,004.37 F		
43-05-00	31,835.13 F	46-11-00	34,450.50 F	50-05-00	37,066.66 F		
43-06-00	31,897.37 F	47-00-00	34,512.79 F	50-06-00	37,128.95 F		
43-07-00	31,959.61 F	47-01-00	34,575.08 F	50-07-00	37,191.24 F		
43-08-00	32,021.85 F	47-02-00	34,637.37 F	50-08-00	37,253.53 F		
43-09-00	32,084.09 F	47-03-00	34,699.66 F	50-09-00	37,315.82 F		
43-10-00	32,146.33 F	47-04-00	34,761.95 F	50-10-00	37,378.11 F		
43-11-00	32,208.57 F	47-05-00	34,824.23 F	50-11-00	37,440.40 F		
44-00-00	32,270.81 F	47-06-00	34,886.52 F	51-00-00	37,502.69 F		
44-01-00	32,333.05 F	47-07-00	34,948.81 F	51-01-00	37,564.98 F		
44-02-00	32,395.29 F	47-08-00	35,011.10 F	51-02-00	37,627.27 F		
44-03-00	32,457.53 F	47-09-00	35,073.39 F	51-03-00	37,689.56 F		
44-04-00	32,519.77 F	47-10-00	35,135.68 F	51-04-00	37,751.85 F		
44-05-00	32,582.00 F	47-11-00	35,197.97 F	51-05-00	37,814.14 F		
44-06-00	32,644.24 F	48-00-00	35,260.26 F	51-06-00	37,876.43 F		
44-07-00	32,706.48 F	48-01-00	35,322.55 F	51-07-00	37,938.71 F		
44-08-00	32,768.72 F	48-02-00	35,384.84 F	51-08-00	38,001.00 F		
44-09-00	32,830.97 F	48-03-00	35,447.13 F	51-09-00	38,063.29 F		
44-10-00	32,893.26 F	48-04-00	35,509.42 F	51-10-00	38,125.58 F		
44-11-00	32,955.55 F	48-05-00	35,571.71 F	51-11-00	38,187.87 F		
45-00-00	33,017.84 F	48-06-00	35,634.00 F	52-00-00	38,250.16 F		
45-01-00	33,080.13 F	48-07-00	35,696.29 F	52-01-00	38,312.45 F		
45-02-00	33,142.42 F	48-08-00	35,758.58 F	52-02-00	38,374.74 F		
45-03-00	33,204.71 F	48-09-00	35,820.87 F	52-03-00	38,437.03 F		
45-04-00	33,266.99 F	48-10-00	35,883.16 F	52-04-00	38,499.32 F		
45-05-00	33,329.28 F	48-11-00	35,945.45 F	52-05-00	38,561.61 F		

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

BOLD DENOTES ROOF CRITICAL ZONE