

Tank ID **030-004** Tank Type **F** Roof Weight **3,892** API **35.00** Gravity Correction **.08**
 Strapped By: **HMT** 5/10/2012 Floating Height **3-01-00**

<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	112.04	3-06-00	2,287.39 F	7-00-00	4,479.19 F	10-06-00	6,674.65 F
0-01-00	155.42	3-07-00	2,336.95 F	7-01-00	4,531.46 F	10-07-00	6,726.92 F
0-02-00	204.69	3-08-00	2,387.85 F	7-02-00	4,583.74 F	10-08-00	6,779.19 F
0-03-00	256.24	3-09-00	2,440.13 F	7-03-00	4,636.01 F	10-09-00	6,831.47 F
0-04-00	308.56	3-10-00	2,492.42 F	7-04-00	4,688.28 F	10-10-00	6,883.74 F
0-05-00	360.88	3-11-00	2,544.70 F	7-05-00	4,740.56 F	10-11-00	6,936.01 F
0-06-00	413.19	4-00-00	2,596.99 F	7-06-00	4,792.83 F	11-00-00	6,988.29 F
0-07-00	465.49	4-01-00	2,649.27 F	7-07-00	4,845.10 F	11-01-00	7,040.56 F
0-08-00	517.80	4-02-00	2,701.55 F	7-08-00	4,897.37 F	11-02-00	7,092.83 F
0-09-00	570.11	4-03-00	2,753.84 F	7-09-00	4,949.65 F	11-03-00	7,145.10 F
0-10-00	622.43	4-04-00	2,806.12 F	7-10-00	5,001.92 F	11-04-00	7,197.38 F
0-11-00	674.73	4-05-00	2,858.41 F	7-11-00	5,054.19 F	11-05-00	7,249.65 F
1-00-00	727.04	4-06-00	2,910.69 F	8-00-00	5,106.47 F	11-06-00	7,301.92 F
1-01-00	779.36	4-07-00	2,962.97 F	8-01-00	5,158.74 F	11-07-00	7,354.20 F
1-02-00	831.68	4-08-00	3,015.26 F	8-02-00	5,211.01 F	11-08-00	7,406.47 F
1-03-00	883.99	4-09-00	3,067.54 F	8-03-00	5,263.28 F	11-09-00	7,458.74 F
1-04-00	936.31	4-10-00	3,119.83 F	8-04-00	5,315.56 F	11-10-00	7,511.01 F
1-05-00	988.63	4-11-00	3,172.11 F	8-05-00	5,367.83 F	11-11-00	7,563.29 F
1-06-00	1,040.95	5-00-00	3,224.39 F	8-06-00	5,420.10 F	12-00-00	7,615.56 F
1-07-00	1,093.27	5-01-00	3,276.68 F	8-07-00	5,472.37 F	12-01-00	7,667.83 F
1-08-00	1,145.59	5-02-00	3,328.96 F	8-08-00	5,524.65 F	12-02-00	7,720.11 F
1-09-00	1,197.91	5-03-00	3,381.25 F	8-09-00	5,576.92 F	12-03-00	7,772.38 F
1-10-00	1,250.23	5-04-00	3,433.53 F	8-10-00	5,629.19 F	12-04-00	7,824.65 F
1-11-00	1,302.55	5-05-00	3,485.81 F	8-11-00	5,681.47 F	12-05-00	7,876.92 F
2-00-00	1,354.86	5-06-00	3,538.10 F	9-00-00	5,733.74 F	12-06-00	7,929.20 F
2-01-00	1,407.18	5-07-00	3,590.38 F	9-01-00	5,786.01 F	12-07-00	7,981.47 F
2-02-00	1,459.50	5-08-00	3,642.67 F	9-02-00	5,838.28 F	12-08-00	8,033.74 F
2-03-00	1,511.82	5-09-00	3,694.95 F	9-03-00	5,890.56 F	12-09-00	8,086.01 F
2-04-00	1,564.14	5-10-00	3,747.23 F	9-04-00	5,942.83 F	12-10-00	8,138.29 F
2-05-00	1,616.46	5-11-00	3,799.52 F	9-05-00	5,995.10 F	12-11-00	8,190.56 F
2-06-00	1,668.78	6-00-00	3,851.80 F	9-06-00	6,047.38 F	13-00-00	8,242.83 F
2-07-00	1,721.10	6-01-00	3,904.09 F	9-07-00	6,099.65 F	13-01-00	8,295.11 F
2-08-00	1,773.42	6-02-00	3,956.37 F	9-08-00	6,151.92 F	13-02-00	8,347.38 F
2-09-00	1,825.74	6-03-00	4,008.65 F	9-09-00	6,204.19 F	13-03-00	8,399.65 F
2-10-00	1,878.06	6-04-00	4,060.94 F	9-10-00	6,256.47 F	13-04-00	8,451.92 F
2-11-00	1,930.38	6-05-00	4,113.22 F	9-11-00	6,308.74 F	13-05-00	8,504.20 F
3-00-00	1,982.68	6-06-00	4,165.51 F	10-00-00	6,361.01 F	13-06-00	8,556.47 F
3-01-00	2,034.96 F	6-07-00	4,217.79 F	10-01-00	6,413.29 F	13-07-00	8,608.74 F
3-02-00	2,086.72 F	6-08-00	4,270.07 F	10-02-00	6,465.56 F	13-08-00	8,661.02 F
3-03-00	2,137.57 F	6-09-00	4,322.36 F	10-03-00	6,517.83 F	13-09-00	8,713.29 F
3-04-00	2,187.82 F	6-10-00	4,374.64 F	10-04-00	6,570.10 F	13-10-00	8,765.56 F
3-05-00	2,237.71 F	6-11-00	4,426.92 F	10-05-00	6,622.38 F	13-11-00	8,817.83 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 **030-004** Tank Type **F** Roof Weight **3,892** API **35.00** Gravity Correction **.08**
 Strapped By: HMT 5/10/2012 Floating Height **3-01-00**

<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	8,870.11 F	17-06-00	11,067.04 F	21-00-00	13,264.41 F	24-06-00	15,462.69 F
14-01-00	8,922.38 F	17-07-00	11,119.35 F	21-01-00	13,316.73 F	24-07-00	15,515.06 F
14-02-00	8,974.65 F	17-08-00	11,171.67 F	21-02-00	13,369.04 F	24-08-00	15,567.42 F
14-03-00	9,026.93 F	17-09-00	11,223.99 F	21-03-00	13,421.36 F	24-09-00	15,619.78 F
14-04-00	9,079.20 F	17-10-00	11,276.31 F	21-04-00	13,473.68 F	24-10-00	15,672.14 F
14-05-00	9,131.47 F	17-11-00	11,328.63 F	21-05-00	13,526.00 F	24-11-00	15,724.51 F
14-06-00	9,183.74 F	18-00-00	11,380.95 F	21-06-00	13,578.32 F	25-00-00	15,776.87 F
14-07-00	9,236.02 F	18-01-00	11,433.26 F	21-07-00	13,630.64 F	25-01-00	15,829.23 F
14-08-00	9,288.29 F	18-02-00	11,485.58 F	21-08-00	13,682.96 F	25-02-00	15,881.59 F
14-09-00	9,340.56 F	18-03-00	11,537.90 F	21-09-00	13,735.27 F	25-03-00	15,933.96 F
14-10-00	9,392.85 F	18-04-00	11,590.22 F	21-10-00	13,787.59 F	25-04-00	15,986.32 F
14-11-00	9,445.16 F	18-05-00	11,642.54 F	21-11-00	13,839.91 F	25-05-00	16,038.68 F
15-00-00	9,497.48 F	18-06-00	11,694.86 F	22-00-00	13,892.23 F	25-06-00	16,091.04 F
15-01-00	9,549.80 F	18-07-00	11,747.17 F	22-01-00	13,944.55 F	25-07-00	16,143.40 F
15-02-00	9,602.12 F	18-08-00	11,799.49 F	22-02-00	13,996.87 F	25-08-00	16,195.77 F
15-03-00	9,654.44 F	18-09-00	11,851.81 F	22-03-00	14,049.18 F	25-09-00	16,248.13 F
15-04-00	9,706.76 F	18-10-00	11,904.13 F	22-04-00	14,101.50 F	25-10-00	16,300.49 F
15-05-00	9,759.08 F	18-11-00	11,956.45 F	22-05-00	14,153.82 F	25-11-00	16,352.85 F
15-06-00	9,811.39 F	19-00-00	12,008.77 F	22-06-00	14,206.14 F	26-00-00	16,405.22 F
15-07-00	9,863.71 F	19-01-00	12,061.08 F	22-07-00	14,258.46 F	26-01-00	16,457.58 F
15-08-00	9,916.03 F	19-02-00	12,113.40 F	22-08-00	14,310.78 F	26-02-00	16,509.94 F
15-09-00	9,968.35 F	19-03-00	12,165.72 F	22-09-00	14,363.09 F	26-03-00	16,562.30 F
15-10-00	10,020.67 F	19-04-00	12,218.04 F	22-10-00	14,415.45 F	26-04-00	16,614.67 F
15-11-00	10,072.99 F	19-05-00	12,270.36 F	22-11-00	14,467.81 F	26-05-00	16,667.03 F
16-00-00	10,125.30 F	19-06-00	12,322.68 F	23-00-00	14,520.17 F	26-06-00	16,719.39 F
16-01-00	10,177.62 F	19-07-00	12,375.00 F	23-01-00	14,572.53 F	26-07-00	16,771.75 F
16-02-00	10,229.94 F	19-08-00	12,427.31 F	23-02-00	14,624.90 F	26-08-00	16,824.12 F
16-03-00	10,282.26 F	19-09-00	12,479.63 F	23-03-00	14,677.26 F	26-09-00	16,876.48 F
16-04-00	10,334.58 F	19-10-00	12,531.95 F	23-04-00	14,729.62 F	26-10-00	16,928.84 F
16-05-00	10,386.90 F	19-11-00	12,584.27 F	23-05-00	14,781.98 F	26-11-00	16,981.20 F
16-06-00	10,439.21 F	20-00-00	12,636.59 F	23-06-00	14,834.34 F	27-00-00	17,033.57 F
16-07-00	10,491.53 F	20-01-00	12,688.91 F	23-07-00	14,886.71 F	27-01-00	17,085.93 F
16-08-00	10,543.85 F	20-02-00	12,741.22 F	23-08-00	14,939.07 F	27-02-00	17,138.29 F
16-09-00	10,596.17 F	20-03-00	12,793.54 F	23-09-00	14,991.43 F	27-03-00	17,190.65 F
16-10-00	10,648.49 F	20-04-00	12,845.86 F	23-10-00	15,043.79 F	27-04-00	17,243.02 F
16-11-00	10,700.81 F	20-05-00	12,898.18 F	23-11-00	15,096.16 F	27-05-00	17,295.38 F
17-00-00	10,753.12 F	20-06-00	12,950.50 F	24-00-00	15,148.52 F	27-06-00	17,347.74 F
17-01-00	10,805.44 F	20-07-00	13,002.82 F	24-01-00	15,200.88 F	27-07-00	17,400.10 F
17-02-00	10,857.76 F	20-08-00	13,055.13 F	24-02-00	15,253.24 F	27-08-00	17,452.46 F
17-03-00	10,910.08 F	20-09-00	13,107.45 F	24-03-00	15,305.61 F	27-09-00	17,504.83 F
17-04-00	10,962.40 F	20-10-00	13,159.77 F	24-04-00	15,357.97 F	27-10-00	17,557.19 F
17-05-00	11,014.72 F	20-11-00	13,212.09 F	24-05-00	15,410.33 F	27-11-00	17,609.55 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 **030-004** Tank Type **F** Roof Weight **3,892** API **35.00** Gravity Correction **.08**
 Strapped By: HMT 5/10/2012 Floating Height **3-01-00**

<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	17,661.91 F	31-06-00	19,861.14 F	35-00-00	22,060.40 F	38-06-00	24,259.65 F
28-01-00	17,714.28 F	31-07-00	19,913.51 F	35-01-00	22,112.76 F	38-07-00	24,312.01 F
28-02-00	17,766.64 F	31-08-00	19,965.87 F	35-02-00	22,165.12 F	38-08-00	24,364.38 F
28-03-00	17,819.00 F	31-09-00	20,018.23 F	35-03-00	22,217.49 F	38-09-00	24,416.77 F
28-04-00	17,871.36 F	31-10-00	20,070.60 F	35-04-00	22,269.85 F	38-10-00	24,469.17 F
28-05-00	17,923.73 F	31-11-00	20,122.96 F	35-05-00	22,322.21 F	38-11-00	24,521.57 F
28-06-00	17,976.09 F	32-00-00	20,175.32 F	35-06-00	22,374.58 F	39-00-00	24,573.97 F
28-07-00	18,028.45 F	32-01-00	20,227.69 F	35-07-00	22,426.94 F	39-01-00	24,626.37 F
28-08-00	18,080.81 F	32-02-00	20,280.05 F	35-08-00	22,479.30 F	39-02-00	24,678.77 F
28-09-00	18,133.18 F	32-03-00	20,332.41 F	35-09-00	22,531.67 F	39-03-00	24,731.17 F
28-10-00	18,185.54 F	32-04-00	20,384.77 F	35-10-00	22,584.03 F	39-04-00	24,783.57 F
28-11-00	18,237.90 F	32-05-00	20,437.14 F	35-11-00	22,636.39 F	39-05-00	24,835.97 F
29-00-00	18,290.26 F	32-06-00	20,489.50 F	36-00-00	22,688.76 F	39-06-00	24,888.37 F
29-01-00	18,342.63 F	32-07-00	20,541.86 F	36-01-00	22,741.12 F	39-07-00	24,940.77 F
29-02-00	18,394.99 F	32-08-00	20,594.23 F	36-02-00	22,793.48 F	39-08-00	24,993.17 F
29-03-00	18,447.35 F	32-09-00	20,646.59 F	36-03-00	22,845.85 F	39-09-00	25,045.57 F
29-04-00	18,499.71 F	32-10-00	20,698.95 F	36-04-00	22,898.21 F	39-10-00	25,097.97 F
29-05-00	18,552.08 F	32-11-00	20,751.32 F	36-05-00	22,950.57 F	39-11-00	25,150.37 F
29-06-00	18,604.44 F	33-00-00	20,803.68 F	36-06-00	23,002.93 F	40-00-00	25,202.77 F
29-07-00	18,656.80 F	33-01-00	20,856.04 F	36-07-00	23,055.30 F	40-01-00	25,255.17 F
29-08-00	18,709.16 F	33-02-00	20,908.41 F	36-08-00	23,107.66 F	40-02-00	25,307.57 F
29-09-00	18,761.52 F	33-03-00	20,960.77 F	36-09-00	23,160.02 F	40-03-00	25,359.97 F
29-10-00	18,813.89 F	33-04-00	21,013.13 F	36-10-00	23,212.39 F	40-04-00	25,412.37 F
29-11-00	18,866.25 F	33-05-00	21,065.50 F	36-11-00	23,264.75 F	40-05-00	25,464.77 F
30-00-00	18,918.61 F	33-06-00	21,117.86 F	37-00-00	23,317.11 F	40-06-00	25,517.17 F
30-01-00	18,970.97 F	33-07-00	21,170.22 F	37-01-00	23,369.48 F	40-07-00	25,569.57 F
30-02-00	19,023.34 F	33-08-00	21,222.59 F	37-02-00	23,421.84 F	40-08-00	25,621.97 F
30-03-00	19,075.70 F	33-09-00	21,274.95 F	37-03-00	23,474.20 F	40-09-00	25,674.37 F
30-04-00	19,128.06 F	33-10-00	21,327.31 F	37-04-00	23,526.57 F	40-10-00	25,726.77 F
30-05-00	19,180.42 F	33-11-00	21,379.68 F	37-05-00	23,578.93 F	40-11-00	25,779.17 F
30-06-00	19,232.79 F	34-00-00	21,432.04 F	37-06-00	23,631.29 F	41-00-00	25,831.57 F
30-07-00	19,285.15 F	34-01-00	21,484.40 F	37-07-00	23,683.66 F	41-01-00	25,883.97 F
30-08-00	19,337.51 F	34-02-00	21,536.77 F	37-08-00	23,736.02 F	41-02-00	25,936.37 F
30-09-00	19,389.87 F	34-03-00	21,589.13 F	37-09-00	23,788.38 F	41-03-00	25,988.77 F
30-10-00	19,442.24 F	34-04-00	21,641.49 F	37-10-00	23,840.75 F	41-04-00	26,041.17 F
30-11-00	19,494.60 F	34-05-00	21,693.85 F	37-11-00	23,893.11 F	41-05-00	26,093.57 F
31-00-00	19,546.96 F	34-06-00	21,746.22 F	38-00-00	23,945.47 F	41-06-00	26,145.97 F
31-01-00	19,599.33 F	34-07-00	21,798.58 F	38-01-00	23,997.84 F	41-07-00	26,198.37 F
31-02-00	19,651.69 F	34-08-00	21,850.94 F	38-02-00	24,050.20 F	41-08-00	26,250.77 F
31-03-00	19,704.05 F	34-09-00	21,903.31 F	38-03-00	24,102.56 F	41-09-00	26,303.17 F
31-04-00	19,756.42 F	34-10-00	21,955.67 F	38-04-00	24,154.93 F	41-10-00	26,355.57 F
31-05-00	19,808.78 F	34-11-00	22,008.03 F	38-05-00	24,207.29 F	41-11-00	26,407.97 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 **030-004** Tank Type **F** Roof Weight **3,892** API **35.00** Gravity Correction **.08**
 Strapped By: HMT 5/10/2012 Floating Height **3-01-00**

<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	26,460.37 F	45-06-00	28,661.17 F				
42-01-00	26,512.77 F	45-07-00	28,713.57 F				
42-02-00	26,565.17 F	45-08-00	28,765.97 F				
42-03-00	26,617.57 F	45-09-00	28,818.37 F				
42-04-00	26,669.97 F	45-10-00	28,870.77 F				
42-05-00	26,722.37 F	45-11-00	28,923.17 F				
42-06-00	26,774.77 F	46-00-00	28,975.57 F				
42-07-00	26,827.17 F	46-01-00	29,027.97 F				
42-08-00	26,879.57 F	46-02-00	29,080.37 F				
42-09-00	26,931.97 F	46-03-00	29,132.77 F				
42-10-00	26,984.37 F	46-04-00	29,185.17 F				
42-11-00	27,036.77 F	46-05-00	29,237.57 F				
43-00-00	27,089.17 F	46-06-00	29,289.97 F				
43-01-00	27,141.57 F	46-07-00	29,342.37 F				
43-02-00	27,193.97 F	46-08-00	29,394.77 F				
43-03-00	27,246.37 F	46-09-00	29,447.17 F				
43-04-00	27,298.77 F	46-10-00	29,499.57 F				
43-05-00	27,351.17 F	46-11-00	29,551.97 F				
43-06-00	27,403.57 F	47-00-00	29,604.37 F				
43-07-00	27,455.97 F						
43-08-00	27,508.37 F						
43-09-00	27,560.77 F						
43-10-00	27,613.17 F						
43-11-00	27,665.57 F						
44-00-00	27,717.97 F						
44-01-00	27,770.37 F						
44-02-00	27,822.77 F						
44-03-00	27,875.17 F						
44-04-00	27,927.57 F						
44-05-00	27,979.97 F						
44-06-00	28,032.37 F						
44-07-00	28,084.77 F						
44-08-00	28,137.17 F						
44-09-00	28,189.57 F						
44-10-00	28,241.97 F						
44-11-00	28,294.37 F						
45-00-00	28,346.77 F						
45-01-00	28,399.17 F						
45-02-00	28,451.57 F						
45-03-00	28,503.97 F						
45-04-00	28,556.37 F						
45-05-00	28,608.77 F						

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

BOLD DENOTES ROOF CRITICAL ZONE