

Tank ID **012-035** Tank Type **F** Roof Weight **3,233** API **43.00** Gravity Correction **.07**
 Strapped By: **HMT** 12/12/2012 Floating Height **3-02-00**

<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	15.96	3-06-00	865.81 F	7-00-00	1,745.26 F	10-06-00	2,629.97 F
0-01-00	26.65	3-07-00	884.03 F	7-01-00	1,766.30 F	10-07-00	2,651.04 F
0-02-00	39.69	3-08-00	903.62 F	7-02-00	1,787.34 F	10-08-00	2,672.11 F
0-03-00	54.82	3-09-00	924.67 F	7-03-00	1,808.38 F	10-09-00	2,693.18 F
0-04-00	73.57	3-10-00	945.71 F	7-04-00	1,829.42 F	10-10-00	2,714.25 F
0-05-00	94.13	3-11-00	966.75 F	7-05-00	1,850.46 F	10-11-00	2,735.32 F
0-06-00	115.16	4-00-00	987.79 F	7-06-00	1,871.50 F	11-00-00	2,756.39 F
0-07-00	136.20	4-01-00	1,008.83 F	7-07-00	1,892.54 F	11-01-00	2,777.46 F
0-08-00	157.24	4-02-00	1,029.87 F	7-08-00	1,913.58 F	11-02-00	2,798.53 F
0-09-00	178.28	4-03-00	1,050.91 F	7-09-00	1,934.65 F	11-03-00	2,819.60 F
0-10-00	199.32	4-04-00	1,071.95 F	7-10-00	1,955.72 F	11-04-00	2,840.67 F
0-11-00	220.36	4-05-00	1,092.99 F	7-11-00	1,976.79 F	11-05-00	2,861.74 F
1-00-00	241.39	4-06-00	1,114.03 F	8-00-00	1,997.86 F	11-06-00	2,882.81 F
1-01-00	262.45	4-07-00	1,135.07 F	8-01-00	2,018.93 F	11-07-00	2,903.88 F
1-02-00	283.50	4-08-00	1,156.11 F	8-02-00	2,040.00 F	11-08-00	2,924.95 F
1-03-00	304.56	4-09-00	1,177.16 F	8-03-00	2,061.07 F	11-09-00	2,946.03 F
1-04-00	325.61	4-10-00	1,198.20 F	8-04-00	2,082.14 F	11-10-00	2,967.10 F
1-05-00	346.67	4-11-00	1,219.24 F	8-05-00	2,103.21 F	11-11-00	2,988.17 F
1-06-00	367.72	5-00-00	1,240.28 F	8-06-00	2,124.28 F	12-00-00	3,009.24 F
1-07-00	388.78	5-01-00	1,261.32 F	8-07-00	2,145.35 F	12-01-00	3,030.31 F
1-08-00	409.83	5-02-00	1,282.36 F	8-08-00	2,166.42 F	12-02-00	3,051.38 F
1-09-00	430.88	5-03-00	1,303.40 F	8-09-00	2,187.49 F	12-03-00	3,072.45 F
1-10-00	451.94	5-04-00	1,324.44 F	8-10-00	2,208.56 F	12-04-00	3,093.52 F
1-11-00	472.99	5-05-00	1,345.48 F	8-11-00	2,229.63 F	12-05-00	3,114.59 F
2-00-00	494.05	5-06-00	1,366.52 F	9-00-00	2,250.70 F	12-06-00	3,135.66 F
2-01-00	515.10	5-07-00	1,387.56 F	9-01-00	2,271.77 F	12-07-00	3,156.73 F
2-02-00	536.16	5-08-00	1,408.60 F	9-02-00	2,292.84 F	12-08-00	3,177.80 F
2-03-00	557.21	5-09-00	1,429.64 F	9-03-00	2,313.91 F	12-09-00	3,198.87 F
2-04-00	578.26	5-10-00	1,450.69 F	9-04-00	2,334.98 F	12-10-00	3,219.94 F
2-05-00	599.32	5-11-00	1,471.73 F	9-05-00	2,356.05 F	12-11-00	3,241.01 F
2-06-00	620.37	6-00-00	1,492.77 F	9-06-00	2,377.12 F	13-00-00	3,262.08 F
2-07-00	641.43	6-01-00	1,513.81 F	9-07-00	2,398.19 F	13-01-00	3,283.15 F
2-08-00	662.48	6-02-00	1,534.85 F	9-08-00	2,419.27 F	13-02-00	3,304.22 F
2-09-00	683.54	6-03-00	1,555.89 F	9-09-00	2,440.34 F	13-03-00	3,325.29 F
2-10-00	704.59	6-04-00	1,576.93 F	9-10-00	2,461.41 F	13-04-00	3,346.36 F
2-11-00	725.65	6-05-00	1,597.97 F	9-11-00	2,482.48 F	13-05-00	3,367.43 F
3-00-00	746.70	6-06-00	1,619.01 F	10-00-00	2,503.55 F	13-06-00	3,388.50 F
3-01-00	767.74	6-07-00	1,640.05 F	10-01-00	2,524.62 F	13-07-00	3,409.57 F
3-02-00	788.78 F	6-08-00	1,661.09 F	10-02-00	2,545.69 F	13-08-00	3,430.64 F
3-03-00	809.23 F	6-09-00	1,682.13 F	10-03-00	2,566.76 F	13-09-00	3,451.71 F
3-04-00	828.65 F	6-10-00	1,703.18 F	10-04-00	2,587.83 F	13-10-00	3,472.79 F
3-05-00	847.41 F	6-11-00	1,724.22 F	10-05-00	2,608.90 F	13-11-00	3,493.86 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 **012-035** Tank Type **F** Roof Weight **3,233** API **43.00** Gravity Correction **.07**
 Strapped By: HMT 12/12/2012 Floating Height **3-02-00**

<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	3,514.93 F	17-06-00	4,399.70 F	21-00-00	5,284.29 F	24-06-00	6,168.66 F
14-01-00	3,536.00 F	17-07-00	4,420.76 F	21-01-00	5,305.35 F	24-07-00	6,189.70 F
14-02-00	3,557.07 F	17-08-00	4,441.82 F	21-02-00	5,326.41 F	24-08-00	6,210.73 F
14-03-00	3,578.14 F	17-09-00	4,462.88 F	21-03-00	5,347.47 F	24-09-00	6,231.77 F
14-04-00	3,599.21 F	17-10-00	4,483.94 F	21-04-00	5,368.53 F	24-10-00	6,252.81 F
14-05-00	3,620.28 F	17-11-00	4,505.01 F	21-05-00	5,389.59 F	24-11-00	6,273.84 F
14-06-00	3,641.35 F	18-00-00	4,526.07 F	21-06-00	5,410.65 F	25-00-00	6,294.88 F
14-07-00	3,662.42 F	18-01-00	4,547.13 F	21-07-00	5,431.72 F	25-01-00	6,315.91 F
14-08-00	3,683.49 F	18-02-00	4,568.19 F	21-08-00	5,452.78 F	25-02-00	6,336.95 F
14-09-00	3,704.56 F	18-03-00	4,589.25 F	21-09-00	5,473.84 F	25-03-00	6,357.99 F
14-10-00	3,725.63 F	18-04-00	4,610.31 F	21-10-00	5,494.90 F	25-04-00	6,379.02 F
14-11-00	3,746.70 F	18-05-00	4,631.38 F	21-11-00	5,515.96 F	25-05-00	6,400.06 F
15-00-00	3,767.77 F	18-06-00	4,652.44 F	22-00-00	5,537.02 F	25-06-00	6,421.09 F
15-01-00	3,788.84 F	18-07-00	4,673.50 F	22-01-00	5,558.09 F	25-07-00	6,442.13 F
15-02-00	3,809.91 F	18-08-00	4,694.56 F	22-02-00	5,579.15 F	25-08-00	6,463.17 F
15-03-00	3,830.98 F	18-09-00	4,715.62 F	22-03-00	5,600.21 F	25-09-00	6,484.20 F
15-04-00	3,852.05 F	18-10-00	4,736.68 F	22-04-00	5,621.27 F	25-10-00	6,505.24 F
15-05-00	3,873.12 F	18-11-00	4,757.75 F	22-05-00	5,642.33 F	25-11-00	6,526.27 F
15-06-00	3,894.19 F	19-00-00	4,778.81 F	22-06-00	5,663.39 F	26-00-00	6,547.31 F
15-07-00	3,915.26 F	19-01-00	4,799.87 F	22-07-00	5,684.46 F	26-01-00	6,568.35 F
15-08-00	3,936.33 F	19-02-00	4,820.93 F	22-08-00	5,705.52 F	26-02-00	6,589.38 F
15-09-00	3,957.40 F	19-03-00	4,841.99 F	22-09-00	5,726.58 F	26-03-00	6,610.42 F
15-10-00	3,978.47 F	19-04-00	4,863.05 F	22-10-00	5,747.64 F	26-04-00	6,631.45 F
15-11-00	3,999.53 F	19-05-00	4,884.11 F	22-11-00	5,768.70 F	26-05-00	6,652.49 F
16-00-00	4,020.59 F	19-06-00	4,905.18 F	23-00-00	5,789.76 F	26-06-00	6,673.53 F
16-01-00	4,041.65 F	19-07-00	4,926.24 F	23-01-00	5,810.83 F	26-07-00	6,694.56 F
16-02-00	4,062.71 F	19-08-00	4,947.30 F	23-02-00	5,831.89 F	26-08-00	6,715.60 F
16-03-00	4,083.77 F	19-09-00	4,968.36 F	23-03-00	5,852.95 F	26-09-00	6,736.63 F
16-04-00	4,104.84 F	19-10-00	4,989.42 F	23-04-00	5,874.01 F	26-10-00	6,757.67 F
16-05-00	4,125.90 F	19-11-00	5,010.48 F	23-05-00	5,895.07 F	26-11-00	6,778.71 F
16-06-00	4,146.96 F	20-00-00	5,031.55 F	23-06-00	5,916.13 F	27-00-00	6,799.74 F
16-07-00	4,168.02 F	20-01-00	5,052.61 F	23-07-00	5,937.19 F	27-01-00	6,820.78 F
16-08-00	4,189.08 F	20-02-00	5,073.67 F	23-08-00	5,958.26 F	27-02-00	6,841.81 F
16-09-00	4,210.14 F	20-03-00	5,094.73 F	23-09-00	5,979.32 F	27-03-00	6,862.85 F
16-10-00	4,231.21 F	20-04-00	5,115.79 F	23-10-00	6,000.37 F	27-04-00	6,883.89 F
16-11-00	4,252.27 F	20-05-00	5,136.85 F	23-11-00	6,021.41 F	27-05-00	6,904.92 F
17-00-00	4,273.33 F	20-06-00	5,157.92 F	24-00-00	6,042.45 F	27-06-00	6,925.96 F
17-01-00	4,294.39 F	20-07-00	5,178.98 F	24-01-00	6,063.48 F	27-07-00	6,946.99 F
17-02-00	4,315.45 F	20-08-00	5,200.04 F	24-02-00	6,084.52 F	27-08-00	6,968.03 F
17-03-00	4,336.51 F	20-09-00	5,221.10 F	24-03-00	6,105.55 F	27-09-00	6,989.07 F
17-04-00	4,357.57 F	20-10-00	5,242.16 F	24-04-00	6,126.59 F	27-10-00	7,010.10 F
17-05-00	4,378.64 F	20-11-00	5,263.22 F	24-05-00	6,147.63 F	27-11-00	7,031.14 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 **012-035** Tank Type **F** Roof Weight **3,233** API **43.00** Gravity Correction **.07**
 Strapped By: HMT 12/12/2012 Floating Height **3-02-00**

<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	7,052.17 F	31-06-00	7,935.69 F	35-00-00	8,818.99 F	38-06-00	9,702.26 F
28-01-00	7,073.21 F	31-07-00	7,956.72 F	35-01-00	8,840.02 F	38-07-00	9,723.29 F
28-02-00	7,094.25 F	31-08-00	7,977.76 F	35-02-00	8,861.05 F	38-08-00	9,744.32 F
28-03-00	7,115.28 F	31-09-00	7,998.79 F	35-03-00	8,882.08 F	38-09-00	9,765.36 F
28-04-00	7,136.32 F	31-10-00	8,019.83 F	35-04-00	8,903.11 F	38-10-00	9,786.39 F
28-05-00	7,157.35 F	31-11-00	8,040.86 F	35-05-00	8,924.14 F	38-11-00	9,807.42 F
28-06-00	7,178.39 F	32-00-00	8,061.89 F	35-06-00	8,945.17 F	39-00-00	9,828.45 F
28-07-00	7,199.43 F	32-01-00	8,082.92 F	35-07-00	8,966.20 F	39-01-00	9,849.48 F
28-08-00	7,220.46 F	32-02-00	8,103.95 F	35-08-00	8,987.23 F	39-02-00	9,870.51 F
28-09-00	7,241.50 F	32-03-00	8,124.98 F	35-09-00	9,008.26 F	39-03-00	9,891.54 F
28-10-00	7,262.53 F	32-04-00	8,146.01 F	35-10-00	9,029.29 F	39-04-00	9,912.57 F
28-11-00	7,283.57 F	32-05-00	8,167.04 F	35-11-00	9,050.32 F	39-05-00	9,933.60 F
29-00-00	7,304.61 F	32-06-00	8,188.08 F	36-00-00	9,071.35 F	39-06-00	9,954.63 F
29-01-00	7,325.64 F	32-07-00	8,209.11 F	36-01-00	9,092.38 F	39-07-00	9,975.66 F
29-02-00	7,346.68 F	32-08-00	8,230.14 F	36-02-00	9,113.41 F	39-08-00	9,996.69 F
29-03-00	7,367.71 F	32-09-00	8,251.17 F	36-03-00	9,134.44 F	39-09-00	10,017.72 F
29-04-00	7,388.75 F	32-10-00	8,272.20 F	36-04-00	9,155.47 F	39-10-00	10,038.75 F
29-05-00	7,409.79 F	32-11-00	8,293.23 F	36-05-00	9,176.50 F	39-11-00	10,059.78 F
29-06-00	7,430.82 F	33-00-00	8,314.26 F	36-06-00	9,197.53 F	40-00-00	10,080.80 F
29-07-00	7,451.86 F	33-01-00	8,335.29 F	36-07-00	9,218.56 F	40-01-00	10,101.82 F
29-08-00	7,472.89 F	33-02-00	8,356.32 F	36-08-00	9,239.60 F	40-02-00	10,122.85 F
29-09-00	7,493.93 F	33-03-00	8,377.35 F	36-09-00	9,260.63 F	40-03-00	10,143.87 F
29-10-00	7,514.97 F	33-04-00	8,398.38 F	36-10-00	9,281.66 F	40-04-00	10,164.89 F
29-11-00	7,536.00 F	33-05-00	8,419.41 F	36-11-00	9,302.69 F	40-05-00	10,185.91 F
30-00-00	7,557.04 F	33-06-00	8,440.44 F	37-00-00	9,323.72 F	40-06-00	10,206.93 F
30-01-00	7,578.07 F	33-07-00	8,461.47 F	37-01-00	9,344.75 F	40-07-00	10,227.95 F
30-02-00	7,599.11 F	33-08-00	8,482.50 F	37-02-00	9,365.78 F	40-08-00	10,248.97 F
30-03-00	7,620.15 F	33-09-00	8,503.53 F	37-03-00	9,386.81 F	40-09-00	10,269.99 F
30-04-00	7,641.18 F	33-10-00	8,524.56 F	37-04-00	9,407.84 F	40-10-00	10,291.01 F
30-05-00	7,662.22 F	33-11-00	8,545.59 F	37-05-00	9,428.87 F	40-11-00	10,312.03 F
30-06-00	7,683.25 F	34-00-00	8,566.62 F	37-06-00	9,449.90 F	41-00-00	10,333.05 F
30-07-00	7,704.29 F	34-01-00	8,587.65 F	37-07-00	9,470.93 F	41-01-00	10,354.07 F
30-08-00	7,725.33 F	34-02-00	8,608.68 F	37-08-00	9,491.96 F	41-02-00	10,375.10 F
30-09-00	7,746.36 F	34-03-00	8,629.71 F	37-09-00	9,512.99 F	41-03-00	10,396.12 F
30-10-00	7,767.40 F	34-04-00	8,650.74 F	37-10-00	9,534.02 F	41-04-00	10,417.14 F
30-11-00	7,788.43 F	34-05-00	8,671.77 F	37-11-00	9,555.05 F	41-05-00	10,438.16 F
31-00-00	7,809.47 F	34-06-00	8,692.80 F	38-00-00	9,576.08 F	41-06-00	10,459.18 F
31-01-00	7,830.51 F	34-07-00	8,713.84 F	38-01-00	9,597.11 F	41-07-00	10,480.20 F
31-02-00	7,851.54 F	34-08-00	8,734.87 F	38-02-00	9,618.14 F	41-08-00	10,501.22 F
31-03-00	7,872.58 F	34-09-00	8,755.90 F	38-03-00	9,639.17 F	41-09-00	10,522.24 F
31-04-00	7,893.61 F	34-10-00	8,776.93 F	38-04-00	9,660.20 F	41-10-00	10,543.26 F
31-05-00	7,914.65 F	34-11-00	8,797.96 F	38-05-00	9,681.23 F	41-11-00	10,564.28 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 **012-035** Tank Type **F** Roof Weight **3,233** API **43.00** Gravity Correction **.07**
 Strapped By: HMT 12/12/2012 Floating Height **3-02-00**

<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	10,585.30 F	45-06-00	11,468.18 F				
42-01-00	10,606.32 F	45-07-00	11,489.20 F				
42-02-00	10,627.34 F	45-08-00	11,510.22 F				
42-03-00	10,648.37 F	45-09-00	11,531.24 F				
42-04-00	10,669.39 F	45-10-00	11,552.26 F				
42-05-00	10,690.41 F	45-11-00	11,573.28 F				
42-06-00	10,711.43 F	46-00-00	11,594.30 F				
42-07-00	10,732.45 F	46-01-00	11,615.32 F				
42-08-00	10,753.47 F	46-02-00	11,636.34 F				
42-09-00	10,774.49 F	46-03-00	11,657.36 F				
42-10-00	10,795.51 F	46-04-00	11,678.38 F				
42-11-00	10,816.53 F	46-05-00	11,699.41 F				
43-00-00	10,837.55 F	46-06-00	11,720.43 F				
43-01-00	10,858.57 F	46-07-00	11,741.45 F				
43-02-00	10,879.59 F	46-08-00	11,762.47 F				
43-03-00	10,900.62 F	46-09-00	11,783.49 F				
43-04-00	10,921.64 F	46-10-00	11,804.51 F				
43-05-00	10,942.66 F	46-11-00	11,825.53 F				
43-06-00	10,963.68 F	47-00-00	11,846.55 F				
43-07-00	10,984.70 F	47-01-00	11,867.57 F				
43-08-00	11,005.72 F	47-02-00	11,888.59 F				
43-09-00	11,026.74 F	47-03-00	11,909.61 F				
43-10-00	11,047.76 F	47-04-00	11,930.63 F				
43-11-00	11,068.78 F	47-05-00	11,951.66 F				
44-00-00	11,089.80 F	47-06-00	11,972.68 F				
44-01-00	11,110.82 F	47-07-00	11,993.70 F				
44-02-00	11,131.84 F	47-08-00	12,014.72 F				
44-03-00	11,152.86 F	47-09-00	12,035.74 F				
44-04-00	11,173.89 F	47-10-00	12,056.76 F				
44-05-00	11,194.91 F	47-11-00	12,077.78 F				
44-06-00	11,215.93 F	48-00-00	12,098.80 F				
44-07-00	11,236.95 F						
44-08-00	11,257.97 F						
44-09-00	11,278.99 F						
44-10-00	11,300.01 F						
44-11-00	11,321.03 F						
45-00-00	11,342.05 F						
45-01-00	11,363.07 F						
45-02-00	11,384.09 F						
45-03-00	11,405.11 F						
45-04-00	11,426.14 F						
45-05-00	11,447.16 F						

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

BOLD DENOTES ROOF CRITICAL ZONE