

Tank Strapping Detail Report

Tank ID **036-005** Tank Type **F** Roof Weight **59,515** API **45.90** Gravity Correction **1.20**  
 Strapped By: **HMT** 2/11/2013 Floating Height **4-11-00**

<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	41.04	3-06-00	2,678.94	7-00-00	5,216.97 F	10-06-00	7,970.90 F
0-01-00	67.25	3-07-00	2,744.45	7-01-00	5,282.48 F	10-07-00	8,036.47 F
0-02-00	98.61	3-08-00	2,809.96	7-02-00	5,348.02 F	10-08-00	8,102.04 F
0-03-00	140.58	3-09-00	2,875.47	7-03-00	5,413.59 F	10-09-00	8,167.61 F
0-04-00	191.27	3-10-00	2,940.98	7-04-00	5,479.16 F	10-10-00	8,233.19 F
0-05-00	254.17	3-11-00	3,006.49	7-05-00	5,544.74 F	10-11-00	8,298.76 F
0-06-00	319.70	4-00-00	3,072.00	7-06-00	5,610.31 F	11-00-00	8,364.33 F
0-07-00	385.22	4-01-00	3,137.51	7-07-00	5,675.88 F	11-01-00	8,429.90 F
0-08-00	450.75	4-02-00	3,203.02	7-08-00	5,741.45 F	11-02-00	8,495.47 F
0-09-00	516.30	4-03-00	3,268.53	7-09-00	5,807.02 F	11-03-00	8,561.04 F
0-10-00	581.84	4-04-00	3,334.04	7-10-00	5,872.59 F	11-04-00	8,626.61 F
0-11-00	647.39	4-05-00	3,399.55	7-11-00	5,938.16 F	11-05-00	8,692.18 F
1-00-00	712.94	4-06-00	3,465.06	8-00-00	6,003.74 F	11-06-00	8,757.75 F
1-01-00	778.49	4-07-00	3,530.57	8-01-00	6,069.31 F	11-07-00	8,823.33 F
1-02-00	844.04	4-08-00	3,596.08	8-02-00	6,134.89 F	11-08-00	8,888.90 F
1-03-00	909.60	4-09-00	3,661.59	8-03-00	6,200.46 F	11-09-00	8,954.47 F
1-04-00	975.16	4-10-00	3,727.10	8-04-00	6,266.04 F	11-10-00	9,020.04 F
1-05-00	1,040.69	<b>4-11-00</b>	3,792.61 F	8-05-00	6,331.62 F	11-11-00	9,085.61 F
1-06-00	1,106.23	<b>5-00-00</b>	3,802.81 F	8-06-00	6,397.19 F	12-00-00	9,151.18 F
1-07-00	1,171.77	<b>5-01-00</b>	3,805.11 F	8-07-00	6,462.76 F	12-01-00	9,216.75 F
1-08-00	1,237.31	<b>5-02-00</b>	3,807.42 F	8-08-00	6,528.33 F	12-02-00	9,282.32 F
1-09-00	1,302.85	<b>5-03-00</b>	3,841.27 F	8-09-00	6,593.91 F	12-03-00	9,347.90 F
1-10-00	1,368.39	5-04-00	3,906.78 F	8-10-00	6,659.48 F	12-04-00	9,413.47 F
1-11-00	1,433.92	5-05-00	3,972.29 F	8-11-00	6,725.05 F	12-05-00	9,479.04 F
2-00-00	1,499.46	5-06-00	4,037.80 F	9-00-00	6,790.62 F	12-06-00	9,544.61 F
2-01-00	1,565.00	5-07-00	4,103.31 F	9-01-00	6,856.19 F	12-07-00	9,610.18 F
2-02-00	1,630.54	5-08-00	4,168.82 F	9-02-00	6,921.76 F	12-08-00	9,675.75 F
2-03-00	1,696.08	5-09-00	4,234.33 F	9-03-00	6,987.33 F	12-09-00	9,741.32 F
2-04-00	1,761.62	5-10-00	4,299.84 F	9-04-00	7,052.90 F	12-10-00	9,806.89 F
2-05-00	1,827.16	5-11-00	4,365.35 F	9-05-00	7,118.47 F	12-11-00	9,872.47 F
2-06-00	1,892.69	6-00-00	4,430.86 F	9-06-00	7,184.05 F	13-00-00	9,938.04 F
2-07-00	1,958.23	6-01-00	4,496.37 F	9-07-00	7,249.62 F	13-01-00	10,003.61 F
2-08-00	2,023.77	6-02-00	4,561.88 F	9-08-00	7,315.19 F	13-02-00	10,069.18 F
2-09-00	2,089.29	6-03-00	4,627.39 F	9-09-00	7,380.76 F	13-03-00	10,134.75 F
2-10-00	2,154.82	6-04-00	4,692.90 F	9-10-00	7,446.33 F	13-04-00	10,200.32 F
2-11-00	2,220.34	6-05-00	4,758.41 F	9-11-00	7,511.90 F	13-05-00	10,265.89 F
3-00-00	2,285.86	6-06-00	4,823.91 F	10-00-00	7,577.47 F	13-06-00	10,331.46 F
3-01-00	2,351.38	6-07-00	4,889.42 F	10-01-00	7,643.04 F	13-07-00	10,397.03 F
3-02-00	2,416.90	6-08-00	4,954.93 F	10-02-00	7,708.62 F	13-08-00	10,462.61 F
3-03-00	2,482.41	6-09-00	5,020.44 F	10-03-00	7,774.19 F	13-09-00	10,528.18 F
3-04-00	2,547.92	6-10-00	5,085.95 F	10-04-00	7,839.76 F	13-10-00	10,593.75 F
3-05-00	2,613.43	6-11-00	5,151.46 F	10-05-00	7,905.33 F	13-11-00	10,659.32 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 **036-005** Tank Type **F** Roof Weight **59,515** API **45.90** Gravity Correction **1.20**  
 Strapped By: HMT 2/11/2013 Floating Height **4-11-00**

<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	10,724.89 F	17-06-00	13,481.37 F	21-00-00	16,238.96 F	24-06-00	18,997.38 F
14-01-00	10,790.46 F	17-07-00	13,547.03 F	21-01-00	16,304.62 F	24-07-00	19,063.08 F
14-02-00	10,856.03 F	17-08-00	13,612.69 F	21-02-00	16,370.27 F	24-08-00	19,128.79 F
14-03-00	10,921.60 F	17-09-00	13,678.34 F	21-03-00	16,435.93 F	24-09-00	19,194.49 F
14-04-00	10,987.18 F	17-10-00	13,744.00 F	21-04-00	16,501.59 F	24-10-00	19,260.19 F
14-05-00	11,052.75 F	17-11-00	13,809.66 F	21-05-00	16,567.24 F	24-11-00	19,325.90 F
14-06-00	11,118.32 F	18-00-00	13,875.32 F	21-06-00	16,632.90 F	25-00-00	19,391.60 F
14-07-00	11,183.89 F	18-01-00	13,940.97 F	21-07-00	16,698.56 F	25-01-00	19,457.31 F
14-08-00	11,249.46 F	18-02-00	14,006.63 F	21-08-00	16,764.21 F	25-02-00	19,523.01 F
14-09-00	11,315.03 F	18-03-00	14,072.29 F	21-09-00	16,829.87 F	25-03-00	19,588.71 F
14-10-00	11,380.60 F	18-04-00	14,137.94 F	21-10-00	16,895.53 F	25-04-00	19,654.42 F
14-11-00	11,446.17 F	18-05-00	14,203.60 F	21-11-00	16,961.18 F	25-05-00	19,720.12 F
15-00-00	11,511.75 F	18-06-00	14,269.26 F	22-00-00	17,026.84 F	25-06-00	19,785.83 F
15-01-00	11,577.33 F	18-07-00	14,334.91 F	22-01-00	17,092.50 F	25-07-00	19,851.53 F
15-02-00	11,642.98 F	18-08-00	14,400.57 F	22-02-00	17,158.16 F	25-08-00	19,917.23 F
15-03-00	11,708.64 F	18-09-00	14,466.23 F	22-03-00	17,223.81 F	25-09-00	19,982.94 F
15-04-00	11,774.30 F	18-10-00	14,531.88 F	22-04-00	17,289.47 F	25-10-00	20,048.64 F
15-05-00	11,839.95 F	18-11-00	14,597.54 F	22-05-00	17,355.13 F	25-11-00	20,114.35 F
15-06-00	11,905.61 F	19-00-00	14,663.20 F	22-06-00	17,420.78 F	26-00-00	20,180.05 F
15-07-00	11,971.27 F	19-01-00	14,728.85 F	22-07-00	17,486.44 F	26-01-00	20,245.75 F
15-08-00	12,036.92 F	19-02-00	14,794.51 F	22-08-00	17,552.10 F	26-02-00	20,311.46 F
15-09-00	12,102.58 F	19-03-00	14,860.17 F	22-09-00	17,617.75 F	26-03-00	20,377.16 F
15-10-00	12,168.24 F	19-04-00	14,925.82 F	22-10-00	17,683.41 F	26-04-00	20,442.87 F
15-11-00	12,233.90 F	19-05-00	14,991.48 F	22-11-00	17,749.07 F	26-05-00	20,508.57 F
16-00-00	12,299.55 F	19-06-00	15,057.14 F	23-00-00	17,814.72 F	26-06-00	20,574.27 F
16-01-00	12,365.21 F	19-07-00	15,122.79 F	23-01-00	17,880.41 F	26-07-00	20,639.98 F
16-02-00	12,430.87 F	19-08-00	15,188.45 F	23-02-00	17,946.11 F	26-08-00	20,705.68 F
16-03-00	12,496.52 F	19-09-00	15,254.11 F	23-03-00	18,011.82 F	26-09-00	20,771.39 F
16-04-00	12,562.18 F	19-10-00	15,319.76 F	23-04-00	18,077.52 F	26-10-00	20,837.09 F
16-05-00	12,627.84 F	19-11-00	15,385.42 F	23-05-00	18,143.23 F	26-11-00	20,902.79 F
16-06-00	12,693.49 F	20-00-00	15,451.08 F	23-06-00	18,208.93 F	27-00-00	20,968.50 F
16-07-00	12,759.15 F	20-01-00	15,516.74 F	23-07-00	18,274.63 F	27-01-00	21,034.20 F
16-08-00	12,824.81 F	20-02-00	15,582.39 F	23-08-00	18,340.34 F	27-02-00	21,099.91 F
16-09-00	12,890.46 F	20-03-00	15,648.05 F	23-09-00	18,406.04 F	27-03-00	21,165.61 F
16-10-00	12,956.12 F	20-04-00	15,713.71 F	23-10-00	18,471.75 F	27-04-00	21,231.31 F
16-11-00	13,021.78 F	20-05-00	15,779.36 F	23-11-00	18,537.45 F	27-05-00	21,297.02 F
17-00-00	13,087.43 F	20-06-00	15,845.02 F	24-00-00	18,603.15 F	27-06-00	21,362.72 F
17-01-00	13,153.09 F	20-07-00	15,910.68 F	24-01-00	18,668.86 F	27-07-00	21,428.43 F
17-02-00	13,218.75 F	20-08-00	15,976.33 F	24-02-00	18,734.56 F	27-08-00	21,494.13 F
17-03-00	13,284.40 F	20-09-00	16,041.99 F	24-03-00	18,800.27 F	27-09-00	21,559.83 F
17-04-00	13,350.06 F	20-10-00	16,107.65 F	24-04-00	18,865.97 F	27-10-00	21,625.54 F
17-05-00	13,415.72 F	20-11-00	16,173.30 F	24-05-00	18,931.67 F	27-11-00	21,691.24 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 **036-005** Tank Type **F** Roof Weight **59,515** API **45.90** Gravity Correction **1.20**  
 Strapped By: HMT 2/11/2013 Floating Height **4-11-00**

<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	21,756.95 F	31-06-00	24,516.39 F	35-00-00	27,274.35 F	38-06-00	30,032.30 F
28-01-00	21,822.65 F	31-07-00	24,582.06 F	35-01-00	27,340.01 F	38-07-00	30,097.97 F
28-02-00	21,888.35 F	31-08-00	24,647.72 F	35-02-00	27,405.68 F	38-08-00	30,163.64 F
28-03-00	21,954.06 F	31-09-00	24,713.39 F	35-03-00	27,471.35 F	38-09-00	30,229.30 F
28-04-00	22,019.76 F	31-10-00	24,779.06 F	35-04-00	27,537.01 F	38-10-00	30,294.97 F
28-05-00	22,085.47 F	31-11-00	24,844.72 F	35-05-00	27,602.68 F	38-11-00	30,360.63 F
28-06-00	22,151.17 F	32-00-00	24,910.39 F	35-06-00	27,668.34 F	39-00-00	30,426.30 F
28-07-00	22,216.87 F	32-01-00	24,976.05 F	35-07-00	27,734.01 F	39-01-00	30,491.96 F
28-08-00	22,282.58 F	32-02-00	25,041.72 F	35-08-00	27,799.67 F	39-02-00	30,557.63 F
28-09-00	22,348.28 F	32-03-00	25,107.38 F	35-09-00	27,865.34 F	39-03-00	30,623.29 F
28-10-00	22,413.99 F	32-04-00	25,173.05 F	35-10-00	27,931.00 F	39-04-00	30,688.96 F
28-11-00	22,479.69 F	32-05-00	25,238.72 F	35-11-00	27,996.67 F	39-05-00	30,754.63 F
29-00-00	22,545.39 F	32-06-00	25,304.38 F	36-00-00	28,062.34 F	39-06-00	30,820.29 F
29-01-00	22,611.10 F	32-07-00	25,370.05 F	36-01-00	28,128.00 F	39-07-00	30,885.94 F
29-02-00	22,676.80 F	32-08-00	25,435.71 F	36-02-00	28,193.67 F	39-08-00	30,951.59 F
29-03-00	22,742.51 F	32-09-00	25,501.38 F	36-03-00	28,259.33 F	39-09-00	31,017.24 F
29-04-00	22,808.21 F	32-10-00	25,567.04 F	36-04-00	28,325.00 F	39-10-00	31,082.90 F
29-05-00	22,873.91 F	32-11-00	25,632.71 F	36-05-00	28,390.66 F	39-11-00	31,148.55 F
29-06-00	22,939.62 F	33-00-00	25,698.37 F	36-06-00	28,456.33 F	40-00-00	31,214.20 F
29-07-00	23,005.32 F	33-01-00	25,764.04 F	36-07-00	28,522.00 F	40-01-00	31,279.86 F
29-08-00	23,071.03 F	33-02-00	25,829.71 F	36-08-00	28,587.66 F	40-02-00	31,345.51 F
29-09-00	23,136.73 F	33-03-00	25,895.37 F	36-09-00	28,653.33 F	40-03-00	31,411.16 F
29-10-00	23,202.43 F	33-04-00	25,961.04 F	36-10-00	28,718.99 F	40-04-00	31,476.81 F
29-11-00	23,268.14 F	33-05-00	26,026.70 F	36-11-00	28,784.66 F	40-05-00	31,542.47 F
30-00-00	23,333.84 F	33-06-00	26,092.37 F	37-00-00	28,850.32 F	40-06-00	31,608.12 F
30-01-00	23,399.55 F	33-07-00	26,158.03 F	37-01-00	28,915.99 F	40-07-00	31,673.77 F
30-02-00	23,465.25 F	33-08-00	26,223.70 F	37-02-00	28,981.65 F	40-08-00	31,739.43 F
30-03-00	23,530.95 F	33-09-00	26,289.36 F	37-03-00	29,047.32 F	40-09-00	31,805.08 F
30-04-00	23,596.66 F	33-10-00	26,355.03 F	37-04-00	29,112.99 F	40-10-00	31,870.73 F
30-05-00	23,662.36 F	33-11-00	26,420.70 F	37-05-00	29,178.65 F	40-11-00	31,936.38 F
30-06-00	23,728.07 F	34-00-00	26,486.36 F	37-06-00	29,244.32 F	41-00-00	32,002.04 F
30-07-00	23,793.77 F	34-01-00	26,552.03 F	37-07-00	29,309.98 F	41-01-00	32,067.69 F
30-08-00	23,859.47 F	34-02-00	26,617.69 F	37-08-00	29,375.65 F	41-02-00	32,133.34 F
30-09-00	23,925.18 F	34-03-00	26,683.36 F	37-09-00	29,441.31 F	41-03-00	32,199.00 F
30-10-00	23,990.88 F	34-04-00	26,749.02 F	37-10-00	29,506.98 F	41-04-00	32,264.65 F
30-11-00	24,056.59 F	34-05-00	26,814.69 F	37-11-00	29,572.64 F	41-05-00	32,330.30 F
31-00-00	24,122.29 F	34-06-00	26,880.36 F	38-00-00	29,638.31 F	41-06-00	32,395.95 F
31-01-00	24,187.99 F	34-07-00	26,946.02 F	38-01-00	29,703.98 F	41-07-00	32,461.61 F
31-02-00	24,253.70 F	34-08-00	27,011.69 F	38-02-00	29,769.64 F	41-08-00	32,527.26 F
31-03-00	24,319.40 F	34-09-00	27,077.35 F	38-03-00	29,835.31 F	41-09-00	32,592.91 F
31-04-00	24,385.06 F	34-10-00	27,143.02 F	38-04-00	29,900.97 F	41-10-00	32,658.56 F
31-05-00	24,450.73 F	34-11-00	27,208.68 F	38-05-00	29,966.64 F	41-11-00	32,724.22 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 **036-005** Tank Type **F** Roof Weight **59,515** API **45.90** Gravity Correction **1.20**  
 Strapped By: HMT 2/11/2013 Floating Height **4-11-00**

<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	32,789.87 F	45-06-00	35,547.29 F				
42-01-00	32,855.52 F	45-07-00	35,612.94 F				
42-02-00	32,921.18 F	45-08-00	35,678.59 F				
42-03-00	32,986.83 F	45-09-00	35,744.25 F				
42-04-00	33,052.48 F	45-10-00	35,809.90 F				
42-05-00	33,118.13 F	45-11-00	35,875.55 F				
42-06-00	33,183.79 F	46-00-00	35,941.20 F				
42-07-00	33,249.44 F	46-01-00	36,006.86 F				
42-08-00	33,315.09 F	46-02-00	36,072.51 F				
42-09-00	33,380.75 F	46-03-00	36,138.16 F				
42-10-00	33,446.40 F	46-04-00	36,203.82 F				
42-11-00	33,512.05 F	46-05-00	36,269.47 F				
43-00-00	33,577.70 F	46-06-00	36,335.12 F				
43-01-00	33,643.36 F	46-07-00	36,400.77 F				
43-02-00	33,709.01 F	46-08-00	36,466.43 F				
43-03-00	33,774.66 F	46-09-00	36,532.08 F				
43-04-00	33,840.32 F	46-10-00	36,597.73 F				
43-05-00	33,905.97 F	46-11-00	36,663.39 F				
43-06-00	33,971.62 F	47-00-00	36,729.04 F				
43-07-00	34,037.27 F	47-01-00	36,794.69 F				
43-08-00	34,102.93 F	47-02-00	36,860.34 F				
43-09-00	34,168.58 F	47-03-00	36,926.00 F				
43-10-00	34,234.23 F	47-04-00	36,991.65 F				
43-11-00	34,299.88 F	47-05-00	37,057.30 F				
44-00-00	34,365.54 F	47-06-00	37,122.96 F				
44-01-00	34,431.19 F	47-07-00	37,188.61 F				
44-02-00	34,496.84 F	47-08-00	37,254.26 F				
44-03-00	34,562.50 F	47-09-00	37,319.91 F				
44-04-00	34,628.15 F						
44-05-00	34,693.80 F						
44-06-00	34,759.45 F						
44-07-00	34,825.11 F						
44-08-00	34,890.76 F						
44-09-00	34,956.41 F						
44-10-00	35,022.07 F						
44-11-00	35,087.72 F						
45-00-00	35,153.37 F						
45-01-00	35,219.02 F						
45-02-00	35,284.68 F						
45-03-00	35,350.33 F						
45-04-00	35,415.98 F						
45-05-00	35,481.64 F						

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

**BOLD DENOTES ROOF CRITICAL ZONE**