

## Tank Strapping Detail Report

Tank ID **100-059** Tank Type **F** Roof Weight **115,200** API **28.50** Gravity Correction **2.33**  
 Strapped By: HMT 7/12/2013 Floating Height **5-00-00**

<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	1.15	3-06-00	4,845.23	7-00-00	10,293.70 F	10-06-00	16,114.25 F
0-01-00	5.25	3-07-00	4,983.85	7-01-00	10,432.28 F	10-07-00	16,252.85 F
0-02-00	14.56	3-08-00	5,122.48	7-02-00	10,570.86 F	10-08-00	16,391.44 F
0-03-00	28.04	3-09-00	5,261.10	7-03-00	10,709.45 F	10-09-00	16,530.04 F
0-04-00	46.85	3-10-00	5,399.72	7-04-00	10,848.03 F	10-10-00	16,668.63 F
0-05-00	74.34	3-11-00	5,538.35	7-05-00	10,986.61 F	10-11-00	16,807.23 F
0-06-00	114.26	4-00-00	5,676.97	7-06-00	11,125.19 F	11-00-00	16,945.83 F
0-07-00	168.22	4-01-00	5,815.59	7-07-00	11,263.78 F	11-01-00	17,084.42 F
0-08-00	235.89	4-02-00	5,954.22	7-08-00	11,402.36 F	11-02-00	17,223.02 F
0-09-00	321.61	4-03-00	6,092.84	7-09-00	11,540.94 F	11-03-00	17,361.61 F
0-10-00	429.03	4-04-00	6,231.46	7-10-00	11,679.52 F	11-04-00	17,500.21 F
0-11-00	554.58	4-05-00	6,370.09	7-11-00	11,818.11 F	11-05-00	17,638.80 F
1-00-00	688.68	4-06-00	6,508.69	8-00-00	11,956.69 F	11-06-00	17,777.40 F
1-01-00	825.86	4-07-00	6,647.28	8-01-00	12,095.27 F	11-07-00	17,915.99 F
1-02-00	963.84	4-08-00	6,785.86	8-02-00	12,233.85 F	11-08-00	18,054.59 F
1-03-00	1,102.43	4-09-00	6,924.44	8-03-00	12,372.43 F	11-09-00	18,193.18 F
1-04-00	1,241.08	4-10-00	7,063.02	8-04-00	12,511.02 F	11-10-00	18,331.78 F
1-05-00	1,379.66	4-11-00	7,201.61	8-05-00	12,649.60 F	11-11-00	18,470.37 F
1-06-00	1,518.26	<b>5-00-00</b>	7,340.19 F	8-06-00	12,788.18 F	12-00-00	18,608.97 F
1-07-00	1,656.89	<b>5-01-00</b>	7,370.13 F	8-07-00	12,926.76 F	12-01-00	18,747.56 F
1-08-00	1,795.51	<b>5-02-00</b>	7,384.56 F	8-08-00	13,065.35 F	12-02-00	18,886.16 F
1-09-00	1,934.14	<b>5-03-00</b>	7,398.99 F	8-09-00	13,203.93 F	12-03-00	19,024.75 F
1-10-00	2,072.77	<b>5-04-00</b>	7,522.05 F	8-10-00	13,342.51 F	12-04-00	19,163.35 F
1-11-00	2,211.39	5-05-00	7,660.63 F	8-11-00	13,481.09 F	12-05-00	19,301.94 F
2-00-00	2,350.02	5-06-00	7,799.22 F	9-00-00	13,619.68 F	12-06-00	19,440.54 F
2-01-00	2,488.65	5-07-00	7,937.80 F	9-01-00	13,758.26 F	12-07-00	19,579.13 F
2-02-00	2,627.27	5-08-00	8,076.38 F	9-02-00	13,896.84 F	12-08-00	19,717.73 F
2-03-00	2,765.90	5-09-00	8,214.96 F	9-03-00	14,035.42 F	12-09-00	19,856.32 F
2-04-00	2,904.52	5-10-00	8,353.55 F	9-04-00	14,174.01 F	12-10-00	19,994.92 F
2-05-00	3,043.13	5-11-00	8,492.13 F	9-05-00	14,312.59 F	12-11-00	20,133.51 F
2-06-00	3,181.75	6-00-00	8,630.71 F	9-06-00	14,451.17 F	13-00-00	20,272.11 F
2-07-00	3,320.38	6-01-00	8,769.29 F	9-07-00	14,589.75 F	13-01-00	20,410.71 F
2-08-00	3,459.00	6-02-00	8,907.87 F	9-08-00	14,728.34 F	13-02-00	20,549.30 F
2-09-00	3,597.62	6-03-00	9,046.46 F	9-09-00	14,866.92 F	13-03-00	20,687.90 F
2-10-00	3,736.25	6-04-00	9,185.04 F	9-10-00	15,005.50 F	13-04-00	20,826.49 F
2-11-00	3,874.87	6-05-00	9,323.62 F	9-11-00	15,144.09 F	13-05-00	20,965.09 F
3-00-00	4,013.49	6-06-00	9,462.20 F	10-00-00	15,282.68 F	13-06-00	21,103.68 F
3-01-00	4,152.12	6-07-00	9,600.79 F	10-01-00	15,421.28 F	13-07-00	21,242.28 F
3-02-00	4,290.74	6-08-00	9,739.37 F	10-02-00	15,559.87 F	13-08-00	21,380.87 F
3-03-00	4,429.36	6-09-00	9,877.95 F	10-03-00	15,698.47 F	13-09-00	21,519.47 F
3-04-00	4,567.99	6-10-00	10,016.53 F	10-04-00	15,837.06 F	13-10-00	21,658.06 F
3-05-00	4,706.61	6-11-00	10,155.12 F	10-05-00	15,975.66 F	13-11-00	21,796.66 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 **100-059** Tank Type **F** Roof Weight **115,200** API **28.50** Gravity Correction **2.33**  
 Strapped By: **HMT** 7/12/2013 Floating Height **5-00-00**

<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	21,935.25 F	17-06-00	27,756.25 F	21-00-00	33,577.12 F	24-06-00	39,397.75 F
14-01-00	22,073.85 F	17-07-00	27,894.85 F	21-01-00	33,715.71 F	24-07-00	39,536.34 F
14-02-00	22,212.44 F	17-08-00	28,033.44 F	21-02-00	33,854.30 F	24-08-00	39,674.92 F
14-03-00	22,351.04 F	17-09-00	28,172.04 F	21-03-00	33,992.88 F	24-09-00	39,813.51 F
14-04-00	22,489.63 F	17-10-00	28,310.63 F	21-04-00	34,131.47 F	24-10-00	39,952.10 F
14-05-00	22,628.23 F	17-11-00	28,449.23 F	21-05-00	34,270.05 F	24-11-00	40,090.68 F
14-06-00	22,766.82 F	18-00-00	28,587.82 F	21-06-00	34,408.64 F	25-00-00	40,229.27 F
14-07-00	22,905.42 F	18-01-00	28,726.42 F	21-07-00	34,547.23 F	25-01-00	40,367.86 F
14-08-00	23,044.01 F	18-02-00	28,865.01 F	21-08-00	34,685.81 F	25-02-00	40,506.44 F
14-09-00	23,182.61 F	18-03-00	29,003.61 F	21-09-00	34,824.40 F	25-03-00	40,645.03 F
14-10-00	23,321.20 F	18-04-00	29,142.20 F	21-10-00	34,962.99 F	25-04-00	40,783.62 F
14-11-00	23,459.80 F	18-05-00	29,280.80 F	21-11-00	35,101.57 F	25-05-00	40,922.20 F
15-00-00	23,598.39 F	18-06-00	29,419.39 F	22-00-00	35,240.16 F	25-06-00	41,060.79 F
15-01-00	23,736.99 F	18-07-00	29,557.99 F	22-01-00	35,378.75 F	25-07-00	41,199.37 F
15-02-00	23,875.59 F	18-08-00	29,696.58 F	22-02-00	35,517.33 F	25-08-00	41,337.96 F
15-03-00	24,014.18 F	18-09-00	29,835.18 F	22-03-00	35,655.92 F	25-09-00	41,476.55 F
15-04-00	24,152.78 F	18-10-00	29,973.77 F	22-04-00	35,794.50 F	25-10-00	41,615.13 F
15-05-00	24,291.37 F	18-11-00	30,112.37 F	22-05-00	35,933.09 F	25-11-00	41,753.72 F
15-06-00	24,429.97 F	19-00-00	30,250.96 F	22-06-00	36,071.68 F	26-00-00	41,892.31 F
15-07-00	24,568.56 F	19-01-00	30,389.56 F	22-07-00	36,210.26 F	26-01-00	42,030.89 F
15-08-00	24,707.16 F	19-02-00	30,528.15 F	22-08-00	36,348.85 F	26-02-00	42,169.48 F
15-09-00	24,845.75 F	19-03-00	30,666.75 F	22-09-00	36,487.44 F	26-03-00	42,308.07 F
15-10-00	24,984.35 F	19-04-00	30,805.35 F	22-10-00	36,626.02 F	26-04-00	42,446.65 F
15-11-00	25,122.94 F	19-05-00	30,943.94 F	22-11-00	36,764.61 F	26-05-00	42,585.24 F
16-00-00	25,261.54 F	19-06-00	31,082.54 F	23-00-00	36,903.20 F	26-06-00	42,723.82 F
16-01-00	25,400.13 F	19-07-00	31,221.13 F	23-01-00	37,041.78 F	26-07-00	42,862.41 F
16-02-00	25,538.73 F	19-08-00	31,359.73 F	23-02-00	37,180.37 F	26-08-00	43,001.00 F
16-03-00	25,677.32 F	19-09-00	31,498.32 F	23-03-00	37,318.96 F	26-09-00	43,139.58 F
16-04-00	25,815.92 F	19-10-00	31,636.91 F	23-04-00	37,457.54 F	26-10-00	43,278.17 F
16-05-00	25,954.51 F	19-11-00	31,775.50 F	23-05-00	37,596.13 F	26-11-00	43,416.76 F
16-06-00	26,093.11 F	20-00-00	31,914.09 F	23-06-00	37,734.71 F	27-00-00	43,555.34 F
16-07-00	26,231.70 F	20-01-00	32,052.67 F	23-07-00	37,873.30 F	27-01-00	43,693.93 F
16-08-00	26,370.30 F	20-02-00	32,191.26 F	23-08-00	38,011.89 F	27-02-00	43,832.52 F
16-09-00	26,508.89 F	20-03-00	32,329.84 F	23-09-00	38,150.47 F	27-03-00	43,971.10 F
16-10-00	26,647.49 F	20-04-00	32,468.43 F	23-10-00	38,289.06 F	27-04-00	44,109.69 F
16-11-00	26,786.08 F	20-05-00	32,607.02 F	23-11-00	38,427.65 F	27-05-00	44,248.28 F
17-00-00	26,924.68 F	20-06-00	32,745.60 F	24-00-00	38,566.23 F	27-06-00	44,386.86 F
17-01-00	27,063.27 F	20-07-00	32,884.19 F	24-01-00	38,704.82 F	27-07-00	44,525.45 F
17-02-00	27,201.87 F	20-08-00	33,022.78 F	24-02-00	38,843.41 F	27-08-00	44,664.03 F
17-03-00	27,340.47 F	20-09-00	33,161.36 F	24-03-00	38,981.99 F	27-09-00	44,802.62 F
17-04-00	27,479.06 F	20-10-00	33,299.95 F	24-04-00	39,120.58 F	27-10-00	44,941.21 F
17-05-00	27,617.66 F	20-11-00	33,438.54 F	24-05-00	39,259.16 F	27-11-00	45,079.79 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 **100-059** Tank Type **F** Roof Weight **115,200** API **28.50** Gravity Correction **2.33**  
 Strapped By: HMT 7/12/2013 Floating Height **5-00-00**

<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	45,218.38 F	31-06-00	51,038.38 F	35-00-00	56,857.76 F	38-06-00	62,677.15 F
28-01-00	45,356.97 F	31-07-00	51,176.93 F	35-01-00	56,996.32 F	38-07-00	62,815.70 F
28-02-00	45,495.55 F	31-08-00	51,315.49 F	35-02-00	57,134.88 F	38-08-00	62,954.26 F
28-03-00	45,634.14 F	31-09-00	51,454.05 F	35-03-00	57,273.43 F	38-09-00	63,092.82 F
28-04-00	45,772.73 F	31-10-00	51,592.60 F	35-04-00	57,411.99 F	38-10-00	63,231.37 F
28-05-00	45,911.31 F	31-11-00	51,731.16 F	35-05-00	57,550.55 F	38-11-00	63,369.93 F
28-06-00	46,049.90 F	32-00-00	51,869.72 F	35-06-00	57,689.10 F	39-00-00	63,508.49 F
28-07-00	46,188.48 F	32-01-00	52,008.27 F	35-07-00	57,827.66 F	39-01-00	63,647.05 F
28-08-00	46,327.07 F	32-02-00	52,146.83 F	35-08-00	57,966.22 F	39-02-00	63,785.60 F
28-09-00	46,465.66 F	32-03-00	52,285.39 F	35-09-00	58,104.77 F	39-03-00	63,924.16 F
28-10-00	46,604.24 F	32-04-00	52,423.94 F	35-10-00	58,243.33 F	39-04-00	64,062.72 F
28-11-00	46,742.83 F	32-05-00	52,562.50 F	35-11-00	58,381.89 F	39-05-00	64,201.27 F
29-00-00	46,881.42 F	32-06-00	52,701.06 F	36-00-00	58,520.44 F	39-06-00	64,339.83 F
29-01-00	47,020.00 F	32-07-00	52,839.61 F	36-01-00	58,659.00 F	39-07-00	64,478.39 F
29-02-00	47,158.59 F	32-08-00	52,978.17 F	36-02-00	58,797.56 F	39-08-00	64,616.97 F
29-03-00	47,297.18 F	32-09-00	53,116.73 F	36-03-00	58,936.11 F	39-09-00	64,755.58 F
29-04-00	47,435.76 F	32-10-00	53,255.29 F	36-04-00	59,074.67 F	39-10-00	64,894.20 F
29-05-00	47,574.35 F	32-11-00	53,393.84 F	36-05-00	59,213.23 F	39-11-00	65,032.82 F
29-06-00	47,712.94 F	33-00-00	53,532.40 F	36-06-00	59,351.78 F	40-00-00	65,171.44 F
29-07-00	47,851.52 F	33-01-00	53,670.96 F	36-07-00	59,490.34 F	40-01-00	65,310.05 F
29-08-00	47,990.11 F	33-02-00	53,809.51 F	36-08-00	59,628.90 F	40-02-00	65,448.67 F
29-09-00	48,128.68 F	33-03-00	53,948.07 F	36-09-00	59,767.45 F	40-03-00	65,587.29 F
29-10-00	48,267.24 F	33-04-00	54,086.63 F	36-10-00	59,906.01 F	40-04-00	65,725.91 F
29-11-00	48,405.80 F	33-05-00	54,225.18 F	36-11-00	60,044.57 F	40-05-00	65,864.52 F
30-00-00	48,544.35 F	33-06-00	54,363.74 F	37-00-00	60,183.13 F	40-06-00	66,003.14 F
30-01-00	48,682.91 F	33-07-00	54,502.30 F	37-01-00	60,321.68 F	40-07-00	66,141.76 F
30-02-00	48,821.47 F	33-08-00	54,640.85 F	37-02-00	60,460.24 F	40-08-00	66,280.38 F
30-03-00	48,960.02 F	33-09-00	54,779.41 F	37-03-00	60,598.80 F	40-09-00	66,418.99 F
30-04-00	49,098.58 F	33-10-00	54,917.97 F	37-04-00	60,737.35 F	40-10-00	66,557.61 F
30-05-00	49,237.14 F	33-11-00	55,056.52 F	37-05-00	60,875.91 F	40-11-00	66,696.23 F
30-06-00	49,375.69 F	34-00-00	55,195.08 F	37-06-00	61,014.47 F	41-00-00	66,834.85 F
30-07-00	49,514.25 F	34-01-00	55,333.64 F	37-07-00	61,153.02 F	41-01-00	66,973.46 F
30-08-00	49,652.81 F	34-02-00	55,472.19 F	37-08-00	61,291.58 F	41-02-00	67,112.08 F
30-09-00	49,791.37 F	34-03-00	55,610.75 F	37-09-00	61,430.14 F	41-03-00	67,250.70 F
30-10-00	49,929.92 F	34-04-00	55,749.31 F	37-10-00	61,568.69 F	41-04-00	67,389.32 F
30-11-00	50,068.48 F	34-05-00	55,887.86 F	37-11-00	61,707.25 F	41-05-00	67,527.94 F
31-00-00	50,207.04 F	34-06-00	56,026.42 F	38-00-00	61,845.81 F	41-06-00	67,666.55 F
31-01-00	50,345.59 F	34-07-00	56,164.98 F	38-01-00	61,984.36 F	41-07-00	67,805.17 F
31-02-00	50,484.15 F	34-08-00	56,303.53 F	38-02-00	62,122.92 F	41-08-00	67,943.79 F
31-03-00	50,622.71 F	34-09-00	56,442.09 F	38-03-00	62,261.48 F	41-09-00	68,082.41 F
31-04-00	50,761.26 F	34-10-00	56,580.65 F	38-04-00	62,400.03 F	41-10-00	68,221.02 F
31-05-00	50,899.82 F	34-11-00	56,719.21 F	38-05-00	62,538.59 F	41-11-00	68,359.64 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 **100-059** Tank Type **F** Roof Weight **115,200** API **28.50** Gravity Correction **2.33**  
 Strapped By: HMT 7/12/2013 Floating Height **5-00-00**

<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	68,498.26 F	45-06-00	74,320.20 F	49-00-00	80,142.14 F	52-06-00	85,963.40 F
42-01-00	68,636.88 F	45-07-00	74,458.82 F	49-01-00	80,280.75 F	52-07-00	86,102.00 F
42-02-00	68,775.49 F	45-08-00	74,597.43 F	49-02-00	80,419.37 F	52-08-00	86,240.60 F
42-03-00	68,914.11 F	45-09-00	74,736.05 F	49-03-00	80,557.97 F	52-09-00	86,379.20 F
42-04-00	69,052.73 F	45-10-00	74,874.67 F	49-04-00	80,696.57 F	52-10-00	86,517.80 F
42-05-00	69,191.35 F	45-11-00	75,013.29 F	49-05-00	80,835.17 F	52-11-00	86,656.40 F
42-06-00	69,329.96 F	46-00-00	75,151.90 F	49-06-00	80,973.77 F	53-00-00	86,795.00 F
42-07-00	69,468.58 F	46-01-00	75,290.52 F	49-07-00	81,112.37 F	53-01-00	86,933.60 F
42-08-00	69,607.20 F	46-02-00	75,429.14 F	49-08-00	81,250.97 F	53-02-00	87,072.20 F
42-09-00	69,745.82 F	46-03-00	75,567.76 F	49-09-00	81,389.57 F	53-03-00	87,210.80 F
42-10-00	69,884.43 F	46-04-00	75,706.37 F	49-10-00	81,528.17 F	53-04-00	87,349.41 F
42-11-00	70,023.05 F	46-05-00	75,844.99 F	49-11-00	81,666.77 F	53-05-00	87,488.01 F
43-00-00	70,161.67 F	46-06-00	75,983.61 F	50-00-00	81,805.37 F	53-06-00	87,626.61 F
43-01-00	70,300.29 F	46-07-00	76,122.23 F	50-01-00	81,943.97 F	53-07-00	87,765.21 F
43-02-00	70,438.90 F	46-08-00	76,260.84 F	50-02-00	82,082.58 F	53-08-00	87,903.81 F
43-03-00	70,577.52 F	46-09-00	76,399.46 F	50-03-00	82,221.18 F	53-09-00	88,042.41 F
43-04-00	70,716.14 F	46-10-00	76,538.08 F	50-04-00	82,359.78 F	53-10-00	88,181.01 F
43-05-00	70,854.76 F	46-11-00	76,676.70 F	50-05-00	82,498.38 F	53-11-00	88,319.61 F
43-06-00	70,993.38 F	47-00-00	76,815.31 F	50-06-00	82,636.98 F	54-00-00	88,458.21 F
43-07-00	71,131.99 F	47-01-00	76,953.93 F	50-07-00	82,775.58 F	54-01-00	88,596.81 F
43-08-00	71,270.61 F	47-02-00	77,092.55 F	50-08-00	82,914.18 F	54-02-00	88,735.41 F
43-09-00	71,409.23 F	47-03-00	77,231.17 F	50-09-00	83,052.78 F	54-03-00	88,874.01 F
43-10-00	71,547.85 F	47-04-00	77,369.78 F	50-10-00	83,191.38 F	54-04-00	89,012.62 F
43-11-00	71,686.46 F	47-05-00	77,508.40 F	50-11-00	83,329.98 F	54-05-00	89,151.22 F
44-00-00	71,825.08 F	47-06-00	77,647.02 F	51-00-00	83,468.58 F	54-06-00	89,289.82 F
44-01-00	71,963.70 F	47-07-00	77,785.64 F	51-01-00	83,607.18 F	54-07-00	89,428.42 F
44-02-00	72,102.32 F	47-08-00	77,924.26 F	51-02-00	83,745.78 F	54-08-00	89,567.02 F
44-03-00	72,240.93 F	47-09-00	78,062.87 F	51-03-00	83,884.39 F	54-09-00	89,705.62 F
44-04-00	72,379.55 F	47-10-00	78,201.49 F	51-04-00	84,022.99 F	54-10-00	89,844.22 F
44-05-00	72,518.17 F	47-11-00	78,340.11 F	51-05-00	84,161.59 F	54-11-00	89,982.82 F
44-06-00	72,656.79 F	48-00-00	78,478.73 F	51-06-00	84,300.19 F	55-00-00	90,121.42 F
44-07-00	72,795.40 F	48-01-00	78,617.34 F	51-07-00	84,438.79 F	55-01-00	90,260.02 F
44-08-00	72,934.02 F	48-02-00	78,755.96 F	51-08-00	84,577.39 F	55-02-00	90,398.62 F
44-09-00	73,072.64 F	48-03-00	78,894.58 F	51-09-00	84,715.99 F	55-03-00	90,537.22 F
44-10-00	73,211.26 F	48-04-00	79,033.20 F	51-10-00	84,854.59 F	55-04-00	90,675.82 F
44-11-00	73,349.87 F	48-05-00	79,171.81 F	51-11-00	84,993.19 F	55-05-00	90,814.43 F
45-00-00	73,488.49 F	48-06-00	79,310.43 F	52-00-00	85,131.79 F	55-06-00	90,953.03 F
45-01-00	73,627.11 F	48-07-00	79,449.05 F	52-01-00	85,270.39 F	55-07-00	91,091.63 F
45-02-00	73,765.73 F	48-08-00	79,587.67 F	52-02-00	85,408.99 F	55-08-00	91,230.23 F
45-03-00	73,904.34 F	48-09-00	79,726.28 F	52-03-00	85,547.60 F	55-09-00	91,368.83 F
45-04-00	74,042.96 F	48-10-00	79,864.90 F	52-04-00	85,686.20 F	55-10-00	91,507.43 F
45-05-00	74,181.58 F	48-11-00	80,003.52 F	52-05-00	85,824.80 F	55-11-00	91,646.03 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 **100-059** Tank Type **F** Roof Weight **115,200** API **28.50** Gravity Correction **2.33**  
 Strapped By: HMT 7/12/2013 Floating Height **5-00-00**

<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>
56-00-00	91,784.63 F	59-06-00	97,607.02 F	63-00-00	103,429.90 F		
56-01-00	91,923.23 F	59-07-00	97,745.66 F	63-01-00	103,568.54 F		
56-02-00	92,061.83 F	59-08-00	97,884.30 F	63-02-00	103,707.18 F		
56-03-00	92,200.43 F	59-09-00	98,022.94 F	63-03-00	103,845.82 F		
56-04-00	92,339.03 F	59-10-00	98,161.58 F	63-04-00	103,984.46 F		
56-05-00	92,477.64 F	59-11-00	98,300.22 F	63-05-00	104,123.10 F		
56-06-00	92,616.24 F	60-00-00	98,438.86 F	63-06-00	104,261.74 F		
56-07-00	92,754.84 F	60-01-00	98,577.50 F	63-07-00	104,400.38 F		
56-08-00	92,893.44 F	60-02-00	98,716.14 F	63-08-00	104,539.02 F		
56-09-00	93,032.04 F	60-03-00	98,854.78 F	63-09-00	104,677.66 F		
56-10-00	93,170.64 F	60-04-00	98,993.42 F	63-10-00	104,816.30 F		
56-11-00	93,309.24 F	60-05-00	99,132.06 F	63-11-00	104,954.94 F		
57-00-00	93,447.84 F	60-06-00	99,270.70 F	64-00-00	105,093.58 F		
57-01-00	93,586.46 F	60-07-00	99,409.34 F	64-01-00	105,232.22 F		
57-02-00	93,725.10 F	60-08-00	99,547.98 F	64-02-00	105,370.86 F		
57-03-00	93,863.74 F	60-09-00	99,686.62 F	64-03-00	105,509.50 F		
57-04-00	94,002.38 F	60-10-00	99,825.26 F	64-04-00	105,648.14 F		
57-05-00	94,141.02 F	60-11-00	99,963.90 F	64-05-00	105,786.78 F		
57-06-00	94,279.66 F	61-00-00	100,102.54 F	64-06-00	105,925.42 F		
57-07-00	94,418.30 F	61-01-00	100,241.18 F	64-07-00	106,064.06 F		
57-08-00	94,556.94 F	61-02-00	100,379.82 F	64-08-00	106,202.70 F		
57-09-00	94,695.58 F	61-03-00	100,518.46 F	64-09-00	106,341.34 F		
57-10-00	94,834.22 F	61-04-00	100,657.10 F	64-10-00	106,479.98 F		
57-11-00	94,972.86 F	61-05-00	100,795.74 F	64-11-00	106,618.62 F		
58-00-00	95,111.50 F	61-06-00	100,934.38 F				
58-01-00	95,250.14 F	61-07-00	101,073.02 F				
58-02-00	95,388.78 F	61-08-00	101,211.66 F				
58-03-00	95,527.42 F	61-09-00	101,350.30 F				
58-04-00	95,666.06 F	61-10-00	101,488.94 F				
58-05-00	95,804.70 F	61-11-00	101,627.58 F				
58-06-00	95,943.34 F	62-00-00	101,766.22 F				
58-07-00	96,081.98 F	62-01-00	101,904.86 F				
58-08-00	96,220.62 F	62-02-00	102,043.50 F				
58-09-00	96,359.26 F	62-03-00	102,182.14 F				
58-10-00	96,497.90 F	62-04-00	102,320.78 F				
58-11-00	96,636.54 F	62-05-00	102,459.42 F				
59-00-00	96,775.18 F	62-06-00	102,598.06 F				
59-01-00	96,913.82 F	62-07-00	102,736.70 F				
59-02-00	97,052.46 F	62-08-00	102,875.34 F				
59-03-00	97,191.10 F	62-09-00	103,013.98 F				
59-04-00	97,329.74 F	62-10-00	103,152.62 F				
59-05-00	97,468.38 F	62-11-00	103,291.26 F				

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

**BOLD DENOTES ROOF CRITICAL ZONE**