

Tank Strapping Detail Report

Tank ID **100-010** Tank Type **F** Roof Weight **13,414** API **28.50** Gravity Correction **.27**
 Strapped By: HMT 1/6/2015 Floating Height **5-07-00**

<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	1.51	3-06-00	5,629.48	7-00-00	12,985.81 F	10-06-00	20,387.59 F
0-01-00	6.27	3-07-00	5,805.70	7-01-00	13,161.97 F	10-07-00	20,563.84 F
0-02-00	14.53	3-08-00	5,981.93	7-02-00	13,338.14 F	10-08-00	20,740.10 F
0-03-00	28.33	3-09-00	6,158.15	7-03-00	13,514.30 F	10-09-00	20,916.35 F
0-04-00	49.39	3-10-00	6,334.37	7-04-00	13,690.47 F	10-10-00	21,092.61 F
0-05-00	75.69	3-11-00	6,510.60	7-05-00	13,866.63 F	10-11-00	21,268.87 F
0-06-00	109.73	4-00-00	6,686.82	7-06-00	14,042.80 F	11-00-00	21,445.12 F
0-07-00	152.11	4-01-00	6,863.05	7-07-00	14,218.97 F	11-01-00	21,621.38 F
0-08-00	206.43	4-02-00	7,039.27	7-08-00	14,395.13 F	11-02-00	21,797.63 F
0-09-00	268.66	4-03-00	7,215.49	7-09-00	14,571.30 F	11-03-00	21,973.89 F
0-10-00	341.46	4-04-00	7,391.72	7-10-00	14,747.46 F	11-04-00	22,150.15 F
0-11-00	428.39	4-05-00	7,567.94	7-11-00	14,923.65 F	11-05-00	22,326.40 F
1-00-00	530.51	4-06-00	7,744.17	8-00-00	15,099.91 F	11-06-00	22,502.66 F
1-01-00	649.82	4-07-00	7,920.37	8-01-00	15,276.16 F	11-07-00	22,678.91 F
1-02-00	781.19	4-08-00	8,096.54	8-02-00	15,452.42 F	11-08-00	22,855.17 F
1-03-00	922.19	4-09-00	8,272.71	8-03-00	15,628.67 F	11-09-00	23,031.43 F
1-04-00	1,069.64	4-10-00	8,448.87	8-04-00	15,804.93 F	11-10-00	23,207.68 F
1-05-00	1,229.54	4-11-00	8,625.04	8-05-00	15,981.19 F	11-11-00	23,383.94 F
1-06-00	1,400.83	5-00-00	8,801.20	8-06-00	16,157.44 F	12-00-00	23,560.19 F
1-07-00	1,576.98	5-01-00	8,977.37	8-07-00	16,333.70 F	12-01-00	23,736.45 F
1-08-00	1,753.17	5-02-00	9,153.53	8-08-00	16,509.95 F	12-02-00	23,912.71 F
1-09-00	1,929.36	5-03-00	9,329.70	8-09-00	16,686.21 F	12-03-00	24,088.96 F
1-10-00	2,105.54	5-04-00	9,505.86	8-10-00	16,862.47 F	12-04-00	24,265.22 F
1-11-00	2,281.71	5-05-00	9,682.03	8-11-00	17,038.72 F	12-05-00	24,441.47 F
2-00-00	2,457.89	5-06-00	9,858.20	9-00-00	17,214.98 F	12-06-00	24,617.73 F
2-01-00	2,634.07	5-07-00	10,034.36 F	9-01-00	17,391.23 F	12-07-00	24,793.99 F
2-02-00	2,810.25	5-08-00	10,208.27 F	9-02-00	17,567.49 F	12-08-00	24,970.24 F
2-03-00	2,986.42	5-09-00	10,378.28 F	9-03-00	17,743.75 F	12-09-00	25,146.50 F
2-04-00	3,162.60	5-10-00	10,545.77 F	9-04-00	17,920.00 F	12-10-00	25,322.75 F
2-05-00	3,338.78	5-11-00	10,711.90 F	9-05-00	18,096.26 F	12-11-00	25,499.01 F
2-06-00	3,514.96	6-00-00	10,877.31 F	9-06-00	18,272.51 F	13-00-00	25,675.27 F
2-07-00	3,691.14	6-01-00	11,047.98 F	9-07-00	18,448.77 F	13-01-00	25,851.52 F
2-08-00	3,867.33	6-02-00	11,224.15 F	9-08-00	18,625.03 F	13-02-00	26,027.78 F
2-09-00	4,043.52	6-03-00	11,400.32 F	9-09-00	18,801.28 F	13-03-00	26,204.03 F
2-10-00	4,219.73	6-04-00	11,576.48 F	9-10-00	18,977.54 F	13-04-00	26,380.29 F
2-11-00	4,395.95	6-05-00	11,752.65 F	9-11-00	19,153.79 F	13-05-00	26,556.55 F
3-00-00	4,572.17	6-06-00	11,928.81 F	10-00-00	19,330.05 F	13-06-00	26,732.80 F
3-01-00	4,748.38	6-07-00	12,104.98 F	10-01-00	19,506.31 F	13-07-00	26,909.06 F
3-02-00	4,924.60	6-08-00	12,281.14 F	10-02-00	19,682.56 F	13-08-00	27,085.31 F
3-03-00	5,100.82	6-09-00	12,457.31 F	10-03-00	19,858.82 F	13-09-00	27,261.57 F
3-04-00	5,277.03	6-10-00	12,633.48 F	10-04-00	20,035.07 F	13-10-00	27,437.83 F
3-05-00	5,453.25	6-11-00	12,809.64 F	10-05-00	20,211.33 F	13-11-00	27,614.08 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 **100-010** Tank Type **F** Roof Weight **13,414** API **28.50** Gravity Correction **.27**
 Strapped By: **HMT** 1/6/2015 Floating Height **5-07-00**

<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	27,790.34 F	17-06-00	35,193.11 F	21-00-00	42,595.89 F	24-06-00	50,000.91 F
14-01-00	27,966.59 F	17-07-00	35,369.36 F	21-01-00	42,772.15 F	24-07-00	50,177.42 F
14-02-00	28,142.85 F	17-08-00	35,545.62 F	21-02-00	42,948.41 F	24-08-00	50,353.94 F
14-03-00	28,319.11 F	17-09-00	35,721.88 F	21-03-00	43,124.66 F	24-09-00	50,530.45 F
14-04-00	28,495.36 F	17-10-00	35,898.13 F	21-04-00	43,300.92 F	24-10-00	50,706.96 F
14-05-00	28,671.62 F	17-11-00	36,074.39 F	21-05-00	43,477.18 F	24-11-00	50,883.47 F
14-06-00	28,847.87 F	18-00-00	36,250.65 F	21-06-00	43,653.43 F	25-00-00	51,059.98 F
14-07-00	29,024.13 F	18-01-00	36,426.90 F	21-07-00	43,829.69 F	25-01-00	51,236.50 F
14-08-00	29,200.39 F	18-02-00	36,603.16 F	21-08-00	44,005.95 F	25-02-00	51,413.01 F
14-09-00	29,376.64 F	18-03-00	36,779.42 F	21-09-00	44,182.20 F	25-03-00	51,589.52 F
14-10-00	29,552.90 F	18-04-00	36,955.67 F	21-10-00	44,358.46 F	25-04-00	51,766.03 F
14-11-00	29,729.15 F	18-05-00	37,131.93 F	21-11-00	44,534.72 F	25-05-00	51,942.54 F
15-00-00	29,905.41 F	18-06-00	37,308.19 F	22-00-00	44,710.97 F	25-06-00	52,119.06 F
15-01-00	30,081.67 F	18-07-00	37,484.45 F	22-01-00	44,887.23 F	25-07-00	52,295.57 F
15-02-00	30,257.92 F	18-08-00	37,660.70 F	22-02-00	45,063.49 F	25-08-00	52,472.08 F
15-03-00	30,434.18 F	18-09-00	37,836.96 F	22-03-00	45,239.74 F	25-09-00	52,648.59 F
15-04-00	30,610.43 F	18-10-00	38,013.22 F	22-04-00	45,416.00 F	25-10-00	52,825.10 F
15-05-00	30,786.69 F	18-11-00	38,189.47 F	22-05-00	45,592.26 F	25-11-00	53,001.62 F
15-06-00	30,962.95 F	19-00-00	38,365.73 F	22-06-00	45,768.51 F	26-00-00	53,178.13 F
15-07-00	31,139.20 F	19-01-00	38,541.99 F	22-07-00	45,944.77 F	26-01-00	53,354.64 F
15-08-00	31,315.46 F	19-02-00	38,718.24 F	22-08-00	46,121.03 F	26-02-00	53,531.15 F
15-09-00	31,491.71 F	19-03-00	38,894.50 F	22-09-00	46,297.29 F	26-03-00	53,707.66 F
15-10-00	31,667.97 F	19-04-00	39,070.76 F	22-10-00	46,473.54 F	26-04-00	53,884.18 F
15-11-00	31,844.23 F	19-05-00	39,247.01 F	22-11-00	46,649.80 F	26-05-00	54,060.69 F
16-00-00	32,020.48 F	19-06-00	39,423.27 F	23-00-00	46,826.06 F	26-06-00	54,237.20 F
16-01-00	32,196.74 F	19-07-00	39,599.53 F	23-01-00	47,002.31 F	26-07-00	54,413.71 F
16-02-00	32,373.00 F	19-08-00	39,775.78 F	23-02-00	47,178.57 F	26-08-00	54,590.22 F
16-03-00	32,549.25 F	19-09-00	39,952.04 F	23-03-00	47,354.83 F	26-09-00	54,766.74 F
16-04-00	32,725.51 F	19-10-00	40,128.30 F	23-04-00	47,531.08 F	26-10-00	54,943.25 F
16-05-00	32,901.77 F	19-11-00	40,304.55 F	23-05-00	47,707.34 F	26-11-00	55,119.76 F
16-06-00	33,078.03 F	20-00-00	40,480.81 F	23-06-00	47,883.60 F	27-00-00	55,296.27 F
16-07-00	33,254.28 F	20-01-00	40,657.07 F	23-07-00	48,059.85 F	27-01-00	55,472.78 F
16-08-00	33,430.54 F	20-02-00	40,833.32 F	23-08-00	48,236.11 F	27-02-00	55,649.30 F
16-09-00	33,606.80 F	20-03-00	41,009.58 F	23-09-00	48,412.37 F	27-03-00	55,825.81 F
16-10-00	33,783.05 F	20-04-00	41,185.84 F	23-10-00	48,588.62 F	27-04-00	56,002.32 F
16-11-00	33,959.31 F	20-05-00	41,362.09 F	23-11-00	48,765.33 F	27-05-00	56,178.83 F
17-00-00	34,135.57 F	20-06-00	41,538.35 F	24-00-00	48,941.84 F	27-06-00	56,355.34 F
17-01-00	34,311.82 F	20-07-00	41,714.61 F	24-01-00	49,118.35 F	27-07-00	56,531.86 F
17-02-00	34,488.08 F	20-08-00	41,890.87 F	24-02-00	49,294.86 F	27-08-00	56,708.37 F
17-03-00	34,664.34 F	20-09-00	42,067.12 F	24-03-00	49,471.38 F	27-09-00	56,884.88 F
17-04-00	34,840.59 F	20-10-00	42,243.38 F	24-04-00	49,647.89 F	27-10-00	57,061.39 F
17-05-00	35,016.85 F	20-11-00	42,419.64 F	24-05-00	49,824.40 F	27-11-00	57,237.90 F

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Tank ID **100-010** Tank Type **F** Roof Weight **13,414** API **28.50** Gravity Correction **.27**
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<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	57,414.42 F	31-06-00	64,827.92 F	35-00-00	72,253.48 F	38-06-00	79,679.89 F
28-01-00	57,590.93 F	31-07-00	65,004.43 F	35-01-00	72,430.30 F	38-07-00	79,856.71 F
28-02-00	57,767.44 F	31-08-00	65,180.94 F	35-02-00	72,607.12 F	38-08-00	80,033.53 F
28-03-00	57,943.95 F	31-09-00	65,357.53 F	35-03-00	72,783.94 F	38-09-00	80,210.34 F
28-04-00	58,120.46 F	31-10-00	65,534.35 F	35-04-00	72,960.76 F	38-10-00	80,387.16 F
28-05-00	58,296.98 F	31-11-00	65,711.17 F	35-05-00	73,137.58 F	38-11-00	80,563.98 F
28-06-00	58,473.49 F	32-00-00	65,887.99 F	35-06-00	73,314.40 F	39-00-00	80,740.80 F
28-07-00	58,650.00 F	32-01-00	66,064.81 F	35-07-00	73,491.22 F	39-01-00	80,917.62 F
28-08-00	58,826.51 F	32-02-00	66,241.63 F	35-08-00	73,668.03 F	39-02-00	81,094.44 F
28-09-00	59,003.02 F	32-03-00	66,418.45 F	35-09-00	73,844.85 F	39-03-00	81,271.26 F
28-10-00	59,179.54 F	32-04-00	66,595.27 F	35-10-00	74,021.67 F	39-04-00	81,448.08 F
28-11-00	59,356.05 F	32-05-00	66,772.09 F	35-11-00	74,198.49 F	39-05-00	81,624.90 F
29-00-00	59,532.56 F	32-06-00	66,948.90 F	36-00-00	74,375.31 F	39-06-00	81,801.72 F
29-01-00	59,709.07 F	32-07-00	67,125.72 F	36-01-00	74,552.13 F	39-07-00	81,978.54 F
29-02-00	59,885.58 F	32-08-00	67,302.54 F	36-02-00	74,728.95 F	39-08-00	82,155.36 F
29-03-00	60,062.10 F	32-09-00	67,479.36 F	36-03-00	74,905.77 F	39-09-00	82,332.38 F
29-04-00	60,238.61 F	32-10-00	67,656.18 F	36-04-00	75,082.59 F	39-10-00	82,509.47 F
29-05-00	60,415.12 F	32-11-00	67,833.00 F	36-05-00	75,259.41 F	39-11-00	82,686.57 F
29-06-00	60,591.63 F	33-00-00	68,009.82 F	36-06-00	75,436.23 F	40-00-00	82,863.66 F
29-07-00	60,768.14 F	33-01-00	68,186.64 F	36-07-00	75,613.05 F	40-01-00	83,040.76 F
29-08-00	60,944.66 F	33-02-00	68,363.46 F	36-08-00	75,789.86 F	40-02-00	83,217.85 F
29-09-00	61,121.17 F	33-03-00	68,540.28 F	36-09-00	75,966.68 F	40-03-00	83,394.94 F
29-10-00	61,297.68 F	33-04-00	68,717.10 F	36-10-00	76,143.50 F	40-04-00	83,572.04 F
29-11-00	61,474.19 F	33-05-00	68,893.92 F	36-11-00	76,320.32 F	40-05-00	83,749.13 F
30-00-00	61,650.70 F	33-06-00	69,070.74 F	37-00-00	76,497.14 F	40-06-00	83,926.22 F
30-01-00	61,827.22 F	33-07-00	69,247.55 F	37-01-00	76,673.96 F	40-07-00	84,103.32 F
30-02-00	62,003.73 F	33-08-00	69,424.37 F	37-02-00	76,850.78 F	40-08-00	84,280.41 F
30-03-00	62,180.24 F	33-09-00	69,601.19 F	37-03-00	77,027.60 F	40-09-00	84,457.50 F
30-04-00	62,356.75 F	33-10-00	69,778.01 F	37-04-00	77,204.42 F	40-10-00	84,634.60 F
30-05-00	62,533.26 F	33-11-00	69,954.83 F	37-05-00	77,381.24 F	40-11-00	84,811.69 F
30-06-00	62,709.78 F	34-00-00	70,131.65 F	37-06-00	77,558.06 F	41-00-00	84,988.78 F
30-07-00	62,886.29 F	34-01-00	70,308.47 F	37-07-00	77,734.88 F	41-01-00	85,165.88 F
30-08-00	63,062.80 F	34-02-00	70,485.29 F	37-08-00	77,911.70 F	41-02-00	85,342.97 F
30-09-00	63,239.31 F	34-03-00	70,662.11 F	37-09-00	78,088.51 F	41-03-00	85,520.07 F
30-10-00	63,415.82 F	34-04-00	70,838.93 F	37-10-00	78,265.33 F	41-04-00	85,697.16 F
30-11-00	63,592.34 F	34-05-00	71,015.75 F	37-11-00	78,442.15 F	41-05-00	85,874.25 F
31-00-00	63,768.85 F	34-06-00	71,192.57 F	38-00-00	78,618.97 F	41-06-00	86,051.35 F
31-01-00	63,945.36 F	34-07-00	71,369.38 F	38-01-00	78,795.79 F	41-07-00	86,228.44 F
31-02-00	64,121.87 F	34-08-00	71,546.20 F	38-02-00	78,972.61 F	41-08-00	86,405.53 F
31-03-00	64,298.38 F	34-09-00	71,723.02 F	38-03-00	79,149.43 F	41-09-00	86,582.63 F
31-04-00	64,474.90 F	34-10-00	71,899.84 F	38-04-00	79,326.25 F	41-10-00	86,759.72 F
31-05-00	64,651.41 F	34-11-00	72,076.66 F	38-05-00	79,503.07 F	41-11-00	86,936.81 F

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

BOLD DENOTES ROOF CRITICAL ZONE

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Tank ID **100-010** Tank Type **F** Roof Weight **13,414** API **28.50** Gravity Correction **.27**
 Strapped By: HMT 1/6/2015 Floating Height **5-07-00**

<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	87,113.91 F	45-06-00	94,551.84 F	49-00-00	101,999.75 F	52-06-00	109,463.49 F
42-01-00	87,291.00 F	45-07-00	94,728.93 F	49-01-00	102,177.46 F	52-07-00	109,641.20 F
42-02-00	87,468.10 F	45-08-00	94,906.03 F	49-02-00	102,355.17 F	52-08-00	109,818.91 F
42-03-00	87,645.19 F	45-09-00	95,083.12 F	49-03-00	102,532.88 F	52-09-00	109,996.61 F
42-04-00	87,822.28 F	45-10-00	95,260.21 F	49-04-00	102,710.59 F	52-10-00	110,174.32 F
42-05-00	87,999.38 F	45-11-00	95,437.31 F	49-05-00	102,888.29 F	52-11-00	110,352.03 F
42-06-00	88,176.47 F	46-00-00	95,614.40 F	49-06-00	103,066.00 F	53-00-00	110,529.74 F
42-07-00	88,353.56 F	46-01-00	95,791.49 F	49-07-00	103,243.71 F	53-01-00	110,707.45 F
42-08-00	88,530.66 F	46-02-00	95,968.59 F	49-08-00	103,421.42 F	53-02-00	110,885.15 F
42-09-00	88,707.75 F	46-03-00	96,145.68 F	49-09-00	103,599.13 F	53-03-00	111,062.86 F
42-10-00	88,884.84 F	46-04-00	96,322.78 F	49-10-00	103,776.83 F	53-04-00	111,240.57 F
42-11-00	89,061.94 F	46-05-00	96,499.87 F	49-11-00	103,954.54 F	53-05-00	111,418.28 F
43-00-00	89,239.03 F	46-06-00	96,676.96 F	50-00-00	104,132.25 F	53-06-00	111,595.99 F
43-01-00	89,416.12 F	46-07-00	96,854.06 F	50-01-00	104,309.96 F	53-07-00	111,773.69 F
43-02-00	89,593.22 F	46-08-00	97,031.15 F	50-02-00	104,487.67 F	53-08-00	111,951.40 F
43-03-00	89,770.31 F	46-09-00	97,208.24 F	50-03-00	104,665.37 F	53-09-00	112,129.11 F
43-04-00	89,947.41 F	46-10-00	97,385.34 F	50-04-00	104,843.08 F		
43-05-00	90,124.50 F	46-11-00	97,562.43 F	50-05-00	105,020.79 F		
43-06-00	90,301.59 F	47-00-00	97,739.52 F	50-06-00	105,198.50 F		
43-07-00	90,478.69 F	47-01-00	97,916.62 F	50-07-00	105,376.21 F		
43-08-00	90,655.78 F	47-02-00	98,093.71 F	50-08-00	105,553.91 F		
43-09-00	90,832.87 F	47-03-00	98,270.80 F	50-09-00	105,731.62 F		
43-10-00	91,009.97 F	47-04-00	98,447.90 F	50-10-00	105,909.33 F		
43-11-00	91,187.06 F	47-05-00	98,624.99 F	50-11-00	106,087.04 F		
44-00-00	91,364.15 F	47-06-00	98,802.09 F	51-00-00	106,264.75 F		
44-01-00	91,541.25 F	47-07-00	98,979.18 F	51-01-00	106,442.45 F		
44-02-00	91,718.34 F	47-08-00	99,156.43 F	51-02-00	106,620.16 F		
44-03-00	91,895.44 F	47-09-00	99,334.13 F	51-03-00	106,797.87 F		
44-04-00	92,072.53 F	47-10-00	99,511.84 F	51-04-00	106,975.58 F		
44-05-00	92,249.62 F	47-11-00	99,689.55 F	51-05-00	107,153.29 F		
44-06-00	92,426.72 F	48-00-00	99,867.26 F	51-06-00	107,330.99 F		
44-07-00	92,603.81 F	48-01-00	100,044.97 F	51-07-00	107,508.70 F		
44-08-00	92,780.90 F	48-02-00	100,222.67 F	51-08-00	107,686.41 F		
44-09-00	92,958.00 F	48-03-00	100,400.38 F	51-09-00	107,864.12 F		
44-10-00	93,135.09 F	48-04-00	100,578.09 F	51-10-00	108,041.83 F		
44-11-00	93,312.18 F	48-05-00	100,755.80 F	51-11-00	108,219.53 F		
45-00-00	93,489.28 F	48-06-00	100,933.51 F	52-00-00	108,397.24 F		
45-01-00	93,666.37 F	48-07-00	101,111.21 F	52-01-00	108,574.95 F		
45-02-00	93,843.46 F	48-08-00	101,288.92 F	52-02-00	108,752.66 F		
45-03-00	94,020.56 F	48-09-00	101,466.63 F	52-03-00	108,930.37 F		
45-04-00	94,197.65 F	48-10-00	101,644.34 F	52-04-00	109,108.07 F		
45-05-00	94,374.75 F	48-11-00	101,822.05 F	52-05-00	109,285.78 F		

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

BOLD DENOTES ROOF CRITICAL ZONE