

Tank ID **100-001** Tank Type **F** Roof Weight **10,584** API **47.20** Gravity Correction **.21**
 Strapped By: **HMT** 3/22/2016 Floating Height **5-05-00**

<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	.43	3-06-00	5,915.63	7-00-00	13,271.38 F	10-06-00	20,676.54 F
0-01-00	5.97	3-07-00	6,092.05	7-01-00	13,447.73 F	10-07-00	20,852.84 F
0-02-00	15.31	3-08-00	6,268.46	7-02-00	13,624.08 F	10-08-00	21,029.14 F
0-03-00	35.68	3-09-00	6,444.87	7-03-00	13,800.43 F	10-09-00	21,205.44 F
0-04-00	62.58	3-10-00	6,621.29	7-04-00	13,976.78 F	10-10-00	21,381.74 F
0-05-00	95.10	3-11-00	6,797.70	7-05-00	14,153.13 F	10-11-00	21,558.04 F
0-06-00	139.63	4-00-00	6,974.11	7-06-00	14,329.48 F	11-00-00	21,734.34 F
0-07-00	189.04	4-01-00	7,150.53	7-07-00	14,505.83 F	11-01-00	21,910.64 F
0-08-00	249.91	4-02-00	7,326.94	7-08-00	14,682.18 F	11-02-00	22,086.94 F
0-09-00	328.36	4-03-00	7,503.35	7-09-00	14,858.53 F	11-03-00	22,263.24 F
0-10-00	423.37	4-04-00	7,679.77	7-10-00	15,034.88 F	11-04-00	22,439.54 F
0-11-00	540.01	4-05-00	7,856.18	7-11-00	15,211.23 F	11-05-00	22,615.84 F
1-00-00	673.53	4-06-00	8,031.25	8-00-00	15,387.54 F	11-06-00	22,792.14 F
1-01-00	823.00	4-07-00	8,206.25	8-01-00	15,563.84 F	11-07-00	22,968.44 F
1-02-00	983.88	4-08-00	8,381.25	8-02-00	15,740.14 F	11-08-00	23,144.74 F
1-03-00	1,153.92	4-09-00	8,556.26	8-03-00	15,916.44 F	11-09-00	23,321.04 F
1-04-00	1,329.40	4-10-00	8,731.26	8-04-00	16,092.74 F	11-10-00	23,497.34 F
1-05-00	1,505.75	4-11-00	8,906.26	8-05-00	16,269.04 F	11-11-00	23,673.64 F
1-06-00	1,682.11	5-00-00	9,081.26	8-06-00	16,445.34 F	12-00-00	23,849.94 F
1-07-00	1,858.49	5-01-00	9,256.26	8-07-00	16,621.64 F	12-01-00	24,026.24 F
1-08-00	2,034.88	5-02-00	9,431.27	8-08-00	16,797.94 F	12-02-00	24,202.54 F
1-09-00	2,211.26	5-03-00	9,606.27	8-09-00	16,974.24 F	12-03-00	24,378.84 F
1-10-00	2,387.64	5-04-00	9,782.62	8-10-00	17,150.54 F	12-04-00	24,555.14 F
1-11-00	2,564.02	5-05-00	9,958.97 F	8-11-00	17,326.84 F	12-05-00	24,731.44 F
2-00-00	2,740.40	5-06-00	10,134.56 F	9-00-00	17,503.14 F	12-06-00	24,907.74 F
2-01-00	2,916.78	5-07-00	10,307.29 F	9-01-00	17,679.44 F	12-07-00	25,084.04 F
2-02-00	3,093.16	5-08-00	10,478.00 F	9-02-00	17,855.74 F	12-08-00	25,260.34 F
2-03-00	3,269.53	5-09-00	10,647.58 F	9-03-00	18,032.04 F	12-09-00	25,436.64 F
2-04-00	3,445.91	5-10-00	10,816.45 F	9-04-00	18,208.34 F	12-10-00	25,612.94 F
2-05-00	3,622.29	5-11-00	10,984.89 F	9-05-00	18,384.64 F	12-11-00	25,789.24 F
2-06-00	3,798.67	6-00-00	11,155.19 F	9-06-00	18,560.94 F	13-00-00	25,965.54 F
2-07-00	3,975.08	6-01-00	11,331.54 F	9-07-00	18,737.24 F	13-01-00	26,141.84 F
2-08-00	4,151.50	6-02-00	11,507.89 F	9-08-00	18,913.54 F	13-02-00	26,318.14 F
2-09-00	4,327.91	6-03-00	11,684.24 F	9-09-00	19,089.84 F	13-03-00	26,494.44 F
2-10-00	4,504.32	6-04-00	11,860.59 F	9-10-00	19,266.14 F	13-04-00	26,670.74 F
2-11-00	4,680.74	6-05-00	12,036.94 F	9-11-00	19,442.44 F	13-05-00	26,847.04 F
3-00-00	4,857.15	6-06-00	12,213.29 F	10-00-00	19,618.74 F	13-06-00	27,023.34 F
3-01-00	5,033.56	6-07-00	12,389.64 F	10-01-00	19,795.04 F	13-07-00	27,199.64 F
3-02-00	5,209.98	6-08-00	12,565.98 F	10-02-00	19,971.34 F	13-08-00	27,375.94 F
3-03-00	5,386.39	6-09-00	12,742.33 F	10-03-00	20,147.64 F	13-09-00	27,552.24 F
3-04-00	5,562.80	6-10-00	12,918.68 F	10-04-00	20,323.94 F	13-10-00	27,728.54 F
3-05-00	5,739.22	6-11-00	13,095.03 F	10-05-00	20,500.24 F	13-11-00	27,904.84 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 **100-001** Tank Type **F** Roof Weight **10,584** API **47.20** Gravity Correction **.21**
 Strapped By: **HMT** 3/22/2016 Floating Height **5-05-00**

<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	28,081.14 F	17-06-00	35,487.65 F	21-00-00	42,896.32 F	24-06-00	50,305.35 F
14-01-00	28,257.44 F	17-07-00	35,664.05 F	21-01-00	43,072.72 F	24-07-00	50,481.80 F
14-02-00	28,433.74 F	17-08-00	35,840.45 F	21-02-00	43,249.11 F	24-08-00	50,658.24 F
14-03-00	28,610.04 F	17-09-00	36,016.84 F	21-03-00	43,425.51 F	24-09-00	50,834.68 F
14-04-00	28,786.34 F	17-10-00	36,193.24 F	21-04-00	43,601.91 F	24-10-00	51,011.12 F
14-05-00	28,962.64 F	17-11-00	36,369.64 F	21-05-00	43,778.30 F	24-11-00	51,187.56 F
14-06-00	29,138.94 F	18-00-00	36,546.03 F	21-06-00	43,954.70 F	25-00-00	51,364.00 F
14-07-00	29,315.24 F	18-01-00	36,722.43 F	21-07-00	44,131.10 F	25-01-00	51,540.44 F
14-08-00	29,491.54 F	18-02-00	36,898.83 F	21-08-00	44,307.49 F	25-02-00	51,716.89 F
14-09-00	29,667.84 F	18-03-00	37,075.22 F	21-09-00	44,483.89 F	25-03-00	51,893.33 F
14-10-00	29,844.14 F	18-04-00	37,251.62 F	21-10-00	44,660.29 F	25-04-00	52,069.77 F
14-11-00	30,020.44 F	18-05-00	37,428.02 F	21-11-00	44,836.68 F	25-05-00	52,246.21 F
15-00-00	30,196.74 F	18-06-00	37,604.41 F	22-00-00	45,013.08 F	25-06-00	52,422.65 F
15-01-00	30,373.04 F	18-07-00	37,780.81 F	22-01-00	45,189.48 F	25-07-00	52,599.09 F
15-02-00	30,549.34 F	18-08-00	37,957.21 F	22-02-00	45,365.87 F	25-08-00	52,775.54 F
15-03-00	30,725.64 F	18-09-00	38,133.60 F	22-03-00	45,542.27 F	25-09-00	52,951.98 F
15-04-00	30,901.94 F	18-10-00	38,310.00 F	22-04-00	45,718.67 F	25-10-00	53,128.42 F
15-05-00	31,078.24 F	18-11-00	38,486.40 F	22-05-00	45,895.06 F	25-11-00	53,304.86 F
15-06-00	31,254.54 F	19-00-00	38,662.80 F	22-06-00	46,071.46 F	26-00-00	53,481.30 F
15-07-00	31,430.84 F	19-01-00	38,839.19 F	22-07-00	46,247.86 F	26-01-00	53,657.74 F
15-08-00	31,607.14 F	19-02-00	39,015.59 F	22-08-00	46,424.25 F	26-02-00	53,834.19 F
15-09-00	31,783.44 F	19-03-00	39,191.99 F	22-09-00	46,600.65 F	26-03-00	54,010.63 F
15-10-00	31,959.74 F	19-04-00	39,368.38 F	22-10-00	46,777.05 F	26-04-00	54,187.07 F
15-11-00	32,136.11 F	19-05-00	39,544.78 F	22-11-00	46,953.44 F	26-05-00	54,363.51 F
16-00-00	32,312.51 F	19-06-00	39,721.18 F	23-00-00	47,129.84 F	26-06-00	54,539.95 F
16-01-00	32,488.91 F	19-07-00	39,897.57 F	23-01-00	47,306.24 F	26-07-00	54,716.39 F
16-02-00	32,665.30 F	19-08-00	40,073.97 F	23-02-00	47,482.64 F	26-08-00	54,892.84 F
16-03-00	32,841.70 F	19-09-00	40,250.37 F	23-03-00	47,659.03 F	26-09-00	55,069.28 F
16-04-00	33,018.10 F	19-10-00	40,426.76 F	23-04-00	47,835.43 F	26-10-00	55,245.72 F
16-05-00	33,194.49 F	19-11-00	40,603.16 F	23-05-00	48,011.83 F	26-11-00	55,422.16 F
16-06-00	33,370.89 F	20-00-00	40,779.56 F	23-06-00	48,188.22 F	27-00-00	55,598.60 F
16-07-00	33,547.29 F	20-01-00	40,955.95 F	23-07-00	48,364.62 F	27-01-00	55,775.04 F
16-08-00	33,723.68 F	20-02-00	41,132.35 F	23-08-00	48,541.02 F	27-02-00	55,951.48 F
16-09-00	33,900.08 F	20-03-00	41,308.75 F	23-09-00	48,717.41 F	27-03-00	56,127.93 F
16-10-00	34,076.48 F	20-04-00	41,485.14 F	23-10-00	48,893.82 F	27-04-00	56,304.37 F
16-11-00	34,252.88 F	20-05-00	41,661.54 F	23-11-00	49,070.26 F	27-05-00	56,480.81 F
17-00-00	34,429.27 F	20-06-00	41,837.94 F	24-00-00	49,246.70 F	27-06-00	56,657.25 F
17-01-00	34,605.67 F	20-07-00	42,014.33 F	24-01-00	49,423.15 F	27-07-00	56,833.69 F
17-02-00	34,782.07 F	20-08-00	42,190.73 F	24-02-00	49,599.59 F	27-08-00	57,010.13 F
17-03-00	34,958.46 F	20-09-00	42,367.13 F	24-03-00	49,776.03 F	27-09-00	57,186.58 F
17-04-00	35,134.86 F	20-10-00	42,543.52 F	24-04-00	49,952.47 F	27-10-00	57,363.02 F
17-05-00	35,311.26 F	20-11-00	42,719.92 F	24-05-00	50,128.91 F	27-11-00	57,539.46 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 **100-001** Tank Type **F** Roof Weight **10,584** API **47.20** Gravity Correction **.21**
 Strapped By: **HMT** 3/22/2016 Floating Height **5-05-00**

<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	57,715.90 F	31-06-00	65,126.45 F	35-00-00	72,537.20 F	38-06-00	79,948.31 F
28-01-00	57,892.34 F	31-07-00	65,302.89 F	35-01-00	72,713.65 F	38-07-00	80,124.77 F
28-02-00	58,068.78 F	31-08-00	65,479.33 F	35-02-00	72,890.11 F	38-08-00	80,301.22 F
28-03-00	58,245.23 F	31-09-00	65,655.77 F	35-03-00	73,066.56 F	38-09-00	80,477.68 F
28-04-00	58,421.67 F	31-10-00	65,832.21 F	35-04-00	73,243.02 F	38-10-00	80,654.14 F
28-05-00	58,598.11 F	31-11-00	66,008.66 F	35-05-00	73,419.47 F	38-11-00	80,830.59 F
28-06-00	58,774.55 F	32-00-00	66,185.10 F	35-06-00	73,595.93 F	39-00-00	81,007.05 F
28-07-00	58,950.99 F	32-01-00	66,361.54 F	35-07-00	73,772.38 F	39-01-00	81,183.50 F
28-08-00	59,127.43 F	32-02-00	66,537.98 F	35-08-00	73,948.84 F	39-02-00	81,359.96 F
28-09-00	59,303.88 F	32-03-00	66,714.42 F	35-09-00	74,125.29 F	39-03-00	81,536.41 F
28-10-00	59,480.32 F	32-04-00	66,890.86 F	35-10-00	74,301.75 F	39-04-00	81,712.87 F
28-11-00	59,656.76 F	32-05-00	67,067.31 F	35-11-00	74,478.20 F	39-05-00	81,889.32 F
29-00-00	59,833.20 F	32-06-00	67,243.75 F	36-00-00	74,654.66 F	39-06-00	82,065.78 F
29-01-00	60,009.64 F	32-07-00	67,420.19 F	36-01-00	74,831.11 F	39-07-00	82,242.23 F
29-02-00	60,186.08 F	32-08-00	67,596.63 F	36-02-00	75,007.57 F	39-08-00	82,418.69 F
29-03-00	60,362.52 F	32-09-00	67,773.07 F	36-03-00	75,184.02 F	39-09-00	82,595.14 F
29-04-00	60,538.97 F	32-10-00	67,949.51 F	36-04-00	75,360.48 F	39-10-00	82,771.60 F
29-05-00	60,715.41 F	32-11-00	68,125.96 F	36-05-00	75,536.93 F	39-11-00	82,948.05 F
29-06-00	60,891.85 F	33-00-00	68,302.40 F	36-06-00	75,713.39 F	40-00-00	83,124.51 F
29-07-00	61,068.29 F	33-01-00	68,478.84 F	36-07-00	75,889.84 F	40-01-00	83,300.96 F
29-08-00	61,244.73 F	33-02-00	68,655.28 F	36-08-00	76,066.30 F	40-02-00	83,477.42 F
29-09-00	61,421.17 F	33-03-00	68,831.72 F	36-09-00	76,242.76 F	40-03-00	83,653.87 F
29-10-00	61,597.62 F	33-04-00	69,008.16 F	36-10-00	76,419.21 F	40-04-00	83,830.33 F
29-11-00	61,774.06 F	33-05-00	69,184.60 F	36-11-00	76,595.67 F	40-05-00	84,006.78 F
30-00-00	61,950.50 F	33-06-00	69,361.05 F	37-00-00	76,772.12 F	40-06-00	84,183.24 F
30-01-00	62,126.94 F	33-07-00	69,537.49 F	37-01-00	76,948.58 F	40-07-00	84,359.69 F
30-02-00	62,303.38 F	33-08-00	69,713.93 F	37-02-00	77,125.03 F	40-08-00	84,536.15 F
30-03-00	62,479.82 F	33-09-00	69,890.37 F	37-03-00	77,301.49 F	40-09-00	84,712.60 F
30-04-00	62,656.27 F	33-10-00	70,066.82 F	37-04-00	77,477.94 F	40-10-00	84,889.06 F
30-05-00	62,832.71 F	33-11-00	70,243.28 F	37-05-00	77,654.40 F	40-11-00	85,065.52 F
30-06-00	63,009.15 F	34-00-00	70,419.73 F	37-06-00	77,830.85 F	41-00-00	85,241.97 F
30-07-00	63,185.59 F	34-01-00	70,596.19 F	37-07-00	78,007.31 F	41-01-00	85,418.43 F
30-08-00	63,362.03 F	34-02-00	70,772.64 F	37-08-00	78,183.76 F	41-02-00	85,594.88 F
30-09-00	63,538.47 F	34-03-00	70,949.10 F	37-09-00	78,360.22 F	41-03-00	85,771.34 F
30-10-00	63,714.92 F	34-04-00	71,125.55 F	37-10-00	78,536.67 F	41-04-00	85,947.79 F
30-11-00	63,891.36 F	34-05-00	71,302.01 F	37-11-00	78,713.13 F	41-05-00	86,124.25 F
31-00-00	64,067.80 F	34-06-00	71,478.46 F	38-00-00	78,889.58 F	41-06-00	86,300.70 F
31-01-00	64,244.24 F	34-07-00	71,654.92 F	38-01-00	79,066.04 F	41-07-00	86,477.16 F
31-02-00	64,420.68 F	34-08-00	71,831.38 F	38-02-00	79,242.49 F	41-08-00	86,653.61 F
31-03-00	64,597.12 F	34-09-00	72,007.83 F	38-03-00	79,418.95 F	41-09-00	86,830.07 F
31-04-00	64,773.56 F	34-10-00	72,184.29 F	38-04-00	79,595.40 F	41-10-00	87,006.52 F
31-05-00	64,950.01 F	34-11-00	72,360.74 F	38-05-00	79,771.86 F	41-11-00	87,182.98 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 **100-001** Tank Type **F** Roof Weight **10,584** API **47.20** Gravity Correction **.21**
 Strapped By: HMT 3/22/2016 Floating Height **5-05-00**

<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	87,359.43 F	45-06-00	94,774.51 F	49-00-00	102,193.46 F	52-06-00	109,612.41 F
42-01-00	87,535.89 F	45-07-00	94,951.15 F	49-01-00	102,370.10 F	52-07-00	109,789.05 F
42-02-00	87,712.34 F	45-08-00	95,127.80 F	49-02-00	102,546.74 F	52-08-00	109,965.69 F
42-03-00	87,888.80 F	45-09-00	95,304.44 F	49-03-00	102,723.38 F	52-09-00	110,142.33 F
42-04-00	88,065.25 F	45-10-00	95,481.08 F	49-04-00	102,900.03 F	52-10-00	110,318.97 F
42-05-00	88,241.71 F	45-11-00	95,657.72 F	49-05-00	103,076.67 F	52-11-00	110,495.61 F
42-06-00	88,418.16 F	46-00-00	95,834.36 F	49-06-00	103,253.31 F	53-00-00	110,672.26 F
42-07-00	88,594.62 F	46-01-00	96,011.00 F	49-07-00	103,429.95 F	53-01-00	110,848.90 F
42-08-00	88,771.07 F	46-02-00	96,187.64 F	49-08-00	103,606.59 F	53-02-00	111,025.54 F
42-09-00	88,947.53 F	46-03-00	96,364.29 F	49-09-00	103,783.23 F	53-03-00	111,202.18 F
42-10-00	89,123.98 F	46-04-00	96,540.93 F	49-10-00	103,959.88 F	53-04-00	111,378.82 F
42-11-00	89,300.44 F	46-05-00	96,717.57 F	49-11-00	104,136.52 F	53-05-00	111,555.46 F
43-00-00	89,476.90 F	46-06-00	96,894.21 F	50-00-00	104,313.16 F	53-06-00	111,732.11 F
43-01-00	89,653.35 F	46-07-00	97,070.85 F	50-01-00	104,489.80 F	53-07-00	111,908.75 F
43-02-00	89,829.81 F	46-08-00	97,247.49 F	50-02-00	104,666.44 F	53-08-00	112,085.39 F
43-03-00	90,006.26 F	46-09-00	97,424.14 F	50-03-00	104,843.08 F	53-09-00	112,262.03 F
43-04-00	90,182.72 F	46-10-00	97,600.78 F	50-04-00	105,019.72 F		
43-05-00	90,359.17 F	46-11-00	97,777.42 F	50-05-00	105,196.37 F		
43-06-00	90,535.63 F	47-00-00	97,954.06 F	50-06-00	105,373.01 F		
43-07-00	90,712.08 F	47-01-00	98,130.70 F	50-07-00	105,549.65 F		
43-08-00	90,888.54 F	47-02-00	98,307.34 F	50-08-00	105,726.29 F		
43-09-00	91,065.04 F	47-03-00	98,483.99 F	50-09-00	105,902.93 F		
43-10-00	91,241.68 F	47-04-00	98,660.63 F	50-10-00	106,079.57 F		
43-11-00	91,418.32 F	47-05-00	98,837.27 F	50-11-00	106,256.22 F		
44-00-00	91,594.96 F	47-06-00	99,013.91 F	51-00-00	106,432.86 F		
44-01-00	91,771.60 F	47-07-00	99,190.55 F	51-01-00	106,609.50 F		
44-02-00	91,948.25 F	47-08-00	99,367.19 F	51-02-00	106,786.14 F		
44-03-00	92,124.89 F	47-09-00	99,543.84 F	51-03-00	106,962.78 F		
44-04-00	92,301.53 F	47-10-00	99,720.48 F	51-04-00	107,139.42 F		
44-05-00	92,478.17 F	47-11-00	99,897.12 F	51-05-00	107,316.07 F		
44-06-00	92,654.81 F	48-00-00	100,073.76 F	51-06-00	107,492.71 F		
44-07-00	92,831.45 F	48-01-00	100,250.40 F	51-07-00	107,669.35 F		
44-08-00	93,008.10 F	48-02-00	100,427.04 F	51-08-00	107,845.99 F		
44-09-00	93,184.74 F	48-03-00	100,603.68 F	51-09-00	108,022.63 F		
44-10-00	93,361.38 F	48-04-00	100,780.33 F	51-10-00	108,199.27 F		
44-11-00	93,538.02 F	48-05-00	100,956.97 F	51-11-00	108,375.92 F		
45-00-00	93,714.66 F	48-06-00	101,133.61 F	52-00-00	108,552.56 F		
45-01-00	93,891.30 F	48-07-00	101,310.25 F	52-01-00	108,729.20 F		
45-02-00	94,067.95 F	48-08-00	101,486.89 F	52-02-00	108,905.84 F		
45-03-00	94,244.59 F	48-09-00	101,663.53 F	52-03-00	109,082.48 F		
45-04-00	94,421.23 F	48-10-00	101,840.18 F	52-04-00	109,259.12 F		
45-05-00	94,597.87 F	48-11-00	102,016.82 F	52-05-00	109,435.76 F		

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

BOLD DENOTES ROOF CRITICAL ZONE