

Tank ID **100-015** Tank Type **F** Roof Weight **135,400** API **10.00** Gravity Correction **2.74**  
 Strapped By: **HMT** 8/30/2011 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	10.79	3-06-00	6,481.84	7-00-00	13,502.13 F	10-06-00	20,909.24 F
0-01-00	26.42	3-07-00	6,658.25	7-01-00	13,678.49 F	10-07-00	21,085.60 F
0-02-00	54.76	3-08-00	6,834.65	7-02-00	13,854.85 F	10-08-00	21,261.95 F
0-03-00	97.29	3-09-00	7,011.05	7-03-00	14,031.21 F	10-09-00	21,438.31 F
0-04-00	151.63	3-10-00	7,187.46	7-04-00	14,207.57 F	10-10-00	21,614.67 F
0-05-00	221.42	3-11-00	7,363.86	7-05-00	14,383.93 F	10-11-00	21,791.03 F
0-06-00	312.98	4-00-00	7,540.27	7-06-00	14,560.29 F	11-00-00	21,967.39 F
0-07-00	421.04	4-01-00	7,716.63	7-07-00	14,736.65 F	11-01-00	22,143.75 F
0-08-00	541.85	4-02-00	7,892.99	7-08-00	14,913.01 F	11-02-00	22,320.11 F
0-09-00	684.53	4-03-00	8,069.35	7-09-00	15,089.37 F	11-03-00	22,496.46 F
0-10-00	841.11	4-04-00	8,245.71	7-10-00	15,265.73 F	11-04-00	22,672.82 F
0-11-00	1,013.39	4-05-00	8,422.07	7-11-00	15,442.09 F	11-05-00	22,849.18 F
1-00-00	1,189.75	4-06-00	8,598.43	8-00-00	15,618.45 F	11-06-00	23,025.54 F
1-01-00	1,366.16	4-07-00	8,774.79	8-01-00	15,794.81 F	11-07-00	23,201.90 F
1-02-00	1,542.57	4-08-00	8,951.15	8-02-00	15,971.17 F	11-08-00	23,378.26 F
1-03-00	1,718.98	4-09-00	9,127.51	8-03-00	16,147.53 F	11-09-00	23,554.61 F
1-04-00	1,895.39	4-10-00	9,303.87	8-04-00	16,323.89 F	11-10-00	23,730.97 F
1-05-00	2,071.80	<b>4-11-00</b>	9,480.23 F	8-05-00	16,500.25 F	11-11-00	23,907.33 F
1-06-00	2,248.21	<b>5-00-00</b>	9,559.82 F	8-06-00	16,676.61 F	12-00-00	24,083.69 F
1-07-00	2,424.60	<b>5-01-00</b>	9,607.14 F	8-07-00	16,852.97 F	12-01-00	24,260.05 F
1-08-00	2,601.00	<b>5-02-00</b>	9,654.47 F	8-08-00	17,029.33 F	12-02-00	24,436.41 F
1-09-00	2,777.41	<b>5-03-00</b>	9,798.57 F	8-09-00	17,205.69 F	12-03-00	24,612.76 F
1-10-00	2,953.81	5-04-00	9,974.93 F	8-10-00	17,382.05 F	12-04-00	24,789.12 F
1-11-00	3,130.22	5-05-00	10,151.29 F	8-11-00	17,558.41 F	12-05-00	24,965.48 F
2-00-00	3,306.62	5-06-00	10,327.65 F	9-00-00	17,734.77 F	12-06-00	25,141.84 F
2-01-00	3,483.02	5-07-00	10,504.01 F	9-01-00	17,911.13 F	12-07-00	25,318.20 F
2-02-00	3,659.42	5-08-00	10,680.37 F	9-02-00	18,087.49 F	12-08-00	25,494.56 F
2-03-00	3,835.82	5-09-00	10,856.73 F	9-03-00	18,263.85 F	12-09-00	25,670.91 F
2-04-00	4,012.22	5-10-00	11,033.09 F	9-04-00	18,440.21 F	12-10-00	25,847.27 F
2-05-00	4,188.61	5-11-00	11,209.45 F	9-05-00	18,616.57 F	12-11-00	26,023.63 F
2-06-00	4,365.00	6-00-00	11,385.81 F	9-06-00	18,792.93 F	13-00-00	26,199.99 F
2-07-00	4,541.40	6-01-00	11,562.17 F	9-07-00	18,969.29 F	13-01-00	26,376.35 F
2-08-00	4,717.80	6-02-00	11,738.53 F	9-08-00	19,145.65 F	13-02-00	26,552.71 F
2-09-00	4,894.21	6-03-00	11,914.89 F	9-09-00	19,322.01 F	13-03-00	26,729.07 F
2-10-00	5,070.61	6-04-00	12,091.25 F	9-10-00	19,498.37 F	13-04-00	26,905.42 F
2-11-00	5,247.01	6-05-00	12,267.61 F	9-11-00	19,674.73 F	13-05-00	27,081.78 F
3-00-00	5,423.42	6-06-00	12,443.97 F	10-00-00	19,851.09 F	13-06-00	27,258.14 F
3-01-00	5,599.82	6-07-00	12,620.33 F	10-01-00	20,027.45 F	13-07-00	27,434.50 F
3-02-00	5,776.23	6-08-00	12,796.69 F	10-02-00	20,203.80 F	13-08-00	27,610.86 F
3-03-00	5,952.63	6-09-00	12,973.05 F	10-03-00	20,380.16 F	13-09-00	27,787.22 F
3-04-00	6,129.03	6-10-00	13,149.41 F	10-04-00	20,556.52 F	13-10-00	27,963.57 F
3-05-00	6,305.44	6-11-00	13,325.77 F	10-05-00	20,732.88 F	13-11-00	28,139.93 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 **100-015** Tank Type **F** Roof Weight **135,400** API **10.00** Gravity Correction **2.74**  
 Strapped By: HMT 8/30/2011 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	28,316.29 F	17-06-00	35,723.34 F	21-00-00	43,129.85 F	24-06-00	50,535.25 F
14-01-00	28,492.65 F	17-07-00	35,899.70 F	21-01-00	43,306.17 F	24-07-00	50,711.57 F
14-02-00	28,669.01 F	17-08-00	36,076.06 F	21-02-00	43,482.49 F	24-08-00	50,887.89 F
14-03-00	28,845.37 F	17-09-00	36,252.42 F	21-03-00	43,658.81 F	24-09-00	51,064.21 F
14-04-00	29,021.72 F	17-10-00	36,428.78 F	21-04-00	43,835.12 F	24-10-00	51,240.53 F
14-05-00	29,198.08 F	17-11-00	36,605.14 F	21-05-00	44,011.44 F	24-11-00	51,416.85 F
14-06-00	29,374.44 F	18-00-00	36,781.49 F	21-06-00	44,187.76 F	25-00-00	51,593.17 F
14-07-00	29,550.80 F	18-01-00	36,957.85 F	21-07-00	44,364.08 F	25-01-00	51,769.49 F
14-08-00	29,727.16 F	18-02-00	37,134.21 F	21-08-00	44,540.40 F	25-02-00	51,945.81 F
14-09-00	29,903.52 F	18-03-00	37,310.57 F	21-09-00	44,716.72 F	25-03-00	52,122.13 F
14-10-00	30,079.87 F	18-04-00	37,486.93 F	21-10-00	44,893.04 F	25-04-00	52,298.45 F
14-11-00	30,256.23 F	18-05-00	37,663.29 F	21-11-00	45,069.36 F	25-05-00	52,474.77 F
15-00-00	30,432.59 F	18-06-00	37,839.64 F	22-00-00	45,245.68 F	25-06-00	52,651.08 F
15-01-00	30,608.95 F	18-07-00	38,016.00 F	22-01-00	45,422.00 F	25-07-00	52,827.40 F
15-02-00	30,785.31 F	18-08-00	38,192.36 F	22-02-00	45,598.32 F	25-08-00	53,003.72 F
15-03-00	30,961.67 F	18-09-00	38,368.72 F	22-03-00	45,774.64 F	25-09-00	53,180.04 F
15-04-00	31,138.03 F	18-10-00	38,545.08 F	22-04-00	45,950.95 F	25-10-00	53,356.36 F
15-05-00	31,314.38 F	18-11-00	38,721.44 F	22-05-00	46,127.27 F	25-11-00	53,532.68 F
15-06-00	31,490.74 F	19-00-00	38,897.79 F	22-06-00	46,303.59 F	26-00-00	53,709.00 F
15-07-00	31,667.10 F	19-01-00	39,074.15 F	22-07-00	46,479.91 F	26-01-00	53,885.32 F
15-08-00	31,843.46 F	19-02-00	39,250.51 F	22-08-00	46,656.23 F	26-02-00	54,061.64 F
15-09-00	32,019.82 F	19-03-00	39,426.87 F	22-09-00	46,832.55 F	26-03-00	54,237.96 F
15-10-00	32,196.18 F	19-04-00	39,603.23 F	22-10-00	47,008.87 F	26-04-00	54,414.28 F
15-11-00	32,372.53 F	19-05-00	39,779.59 F	22-11-00	47,185.19 F	26-05-00	54,590.60 F
16-00-00	32,548.89 F	19-06-00	39,955.95 F	23-00-00	47,361.51 F	26-06-00	54,766.91 F
16-01-00	32,725.25 F	19-07-00	40,132.30 F	23-01-00	47,537.83 F	26-07-00	54,943.23 F
16-02-00	32,901.61 F	19-08-00	40,308.66 F	23-02-00	47,714.15 F	26-08-00	55,119.55 F
16-03-00	33,077.97 F	19-09-00	40,485.02 F	23-03-00	47,890.47 F	26-09-00	55,295.87 F
16-04-00	33,254.33 F	19-10-00	40,661.38 F	23-04-00	48,066.79 F	26-10-00	55,472.19 F
16-05-00	33,430.68 F	19-11-00	40,837.70 F	23-05-00	48,243.10 F	26-11-00	55,648.51 F
16-06-00	33,607.04 F	20-00-00	41,014.02 F	23-06-00	48,419.42 F	27-00-00	55,824.83 F
16-07-00	33,783.40 F	20-01-00	41,190.34 F	23-07-00	48,595.74 F	27-01-00	56,001.15 F
16-08-00	33,959.76 F	20-02-00	41,366.66 F	23-08-00	48,772.06 F	27-02-00	56,177.47 F
16-09-00	34,136.12 F	20-03-00	41,542.97 F	23-09-00	48,948.38 F	27-03-00	56,353.79 F
16-10-00	34,312.48 F	20-04-00	41,719.29 F	23-10-00	49,124.70 F	27-04-00	56,530.11 F
16-11-00	34,488.83 F	20-05-00	41,895.61 F	23-11-00	49,301.02 F	27-05-00	56,706.43 F
17-00-00	34,665.19 F	20-06-00	42,071.93 F	24-00-00	49,477.34 F	27-06-00	56,882.75 F
17-01-00	34,841.55 F	20-07-00	42,248.25 F	24-01-00	49,653.66 F	27-07-00	57,059.06 F
17-02-00	35,017.91 F	20-08-00	42,424.57 F	24-02-00	49,829.98 F	27-08-00	57,235.38 F
17-03-00	35,194.27 F	20-09-00	42,600.89 F	24-03-00	50,006.30 F	27-09-00	57,411.70 F
17-04-00	35,370.63 F	20-10-00	42,777.21 F	24-04-00	50,182.62 F	27-10-00	57,588.02 F
17-05-00	35,546.99 F	20-11-00	42,953.53 F	24-05-00	50,358.93 F	27-11-00	57,764.34 F

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Tank ID **100-015** Tank Type **F** Roof Weight **135,400** API **10.00** Gravity Correction **2.74**  
 Strapped By: HMT 8/30/2011 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	57,940.66 F	31-06-00	65,344.94 F	35-00-00	72,748.02 F	38-06-00	80,151.56 F
28-01-00	58,116.98 F	31-07-00	65,521.20 F	35-01-00	72,924.29 F	38-07-00	80,327.87 F
28-02-00	58,293.30 F	31-08-00	65,697.46 F	35-02-00	73,100.55 F	38-08-00	80,504.18 F
28-03-00	58,469.62 F	31-09-00	65,873.73 F	35-03-00	73,276.82 F	38-09-00	80,680.50 F
28-04-00	58,645.94 F	31-10-00	66,049.99 F	35-04-00	73,453.08 F	38-10-00	80,856.81 F
28-05-00	58,822.26 F	31-11-00	66,226.26 F	35-05-00	73,629.34 F	38-11-00	81,033.13 F
28-06-00	58,998.58 F	32-00-00	66,402.52 F	35-06-00	73,805.61 F	39-00-00	81,209.44 F
28-07-00	59,174.89 F	32-01-00	66,578.78 F	35-07-00	73,981.87 F	39-01-00	81,385.75 F
28-08-00	59,351.21 F	32-02-00	66,755.05 F	35-08-00	74,158.14 F	39-02-00	81,562.07 F
28-09-00	59,527.53 F	32-03-00	66,931.31 F	35-09-00	74,334.40 F	39-03-00	81,738.38 F
28-10-00	59,703.85 F	32-04-00	67,107.58 F	35-10-00	74,510.66 F	39-04-00	81,914.69 F
28-11-00	59,880.17 F	32-05-00	67,283.84 F	35-11-00	74,686.93 F	39-05-00	82,091.01 F
29-00-00	60,056.49 F	32-06-00	67,460.10 F	36-00-00	74,863.19 F	39-06-00	82,267.32 F
29-01-00	60,232.81 F	32-07-00	67,636.37 F	36-01-00	75,039.46 F	39-07-00	82,443.63 F
29-02-00	60,409.13 F	32-08-00	67,812.63 F	36-02-00	75,215.72 F	39-08-00	82,619.95 F
29-03-00	60,585.45 F	32-09-00	67,988.90 F	36-03-00	75,391.98 F	39-09-00	82,796.26 F
29-04-00	60,761.77 F	32-10-00	68,165.16 F	36-04-00	75,568.25 F	39-10-00	82,972.58 F
29-05-00	60,938.09 F	32-11-00	68,341.42 F	36-05-00	75,744.51 F	39-11-00	83,148.89 F
29-06-00	61,114.41 F	33-00-00	68,517.69 F	36-06-00	75,920.78 F	40-00-00	83,325.20 F
29-07-00	61,290.73 F	33-01-00	68,693.95 F	36-07-00	76,097.04 F	40-01-00	83,501.52 F
29-08-00	61,467.04 F	33-02-00	68,870.22 F	36-08-00	76,273.30 F	40-02-00	83,677.83 F
29-09-00	61,643.36 F	33-03-00	69,046.48 F	36-09-00	76,449.57 F	40-03-00	83,854.14 F
29-10-00	61,819.66 F	33-04-00	69,222.74 F	36-10-00	76,625.83 F	40-04-00	84,030.46 F
29-11-00	61,995.92 F	33-05-00	69,399.01 F	36-11-00	76,802.10 F	40-05-00	84,206.77 F
30-00-00	62,172.18 F	33-06-00	69,575.27 F	37-00-00	76,978.36 F	40-06-00	84,383.08 F
30-01-00	62,348.45 F	33-07-00	69,751.54 F	37-01-00	77,154.62 F	40-07-00	84,559.40 F
30-02-00	62,524.71 F	33-08-00	69,927.80 F	37-02-00	77,330.89 F	40-08-00	84,735.71 F
30-03-00	62,700.98 F	33-09-00	70,104.06 F	37-03-00	77,507.15 F	40-09-00	84,912.02 F
30-04-00	62,877.24 F	33-10-00	70,280.33 F	37-04-00	77,683.42 F	40-10-00	85,088.34 F
30-05-00	63,053.50 F	33-11-00	70,456.59 F	37-05-00	77,859.68 F	40-11-00	85,264.65 F
30-06-00	63,229.77 F	34-00-00	70,632.86 F	37-06-00	78,035.94 F	41-00-00	85,440.97 F
30-07-00	63,406.03 F	34-01-00	70,809.12 F	37-07-00	78,212.21 F	41-01-00	85,617.28 F
30-08-00	63,582.30 F	34-02-00	70,985.38 F	37-08-00	78,388.47 F	41-02-00	85,793.59 F
30-09-00	63,758.56 F	34-03-00	71,161.65 F	37-09-00	78,564.74 F	41-03-00	85,969.91 F
30-10-00	63,934.82 F	34-04-00	71,337.91 F	37-10-00	78,741.05 F	41-04-00	86,146.22 F
30-11-00	64,111.09 F	34-05-00	71,514.18 F	37-11-00	78,917.36 F	41-05-00	86,322.53 F
31-00-00	64,287.35 F	34-06-00	71,690.44 F	38-00-00	79,093.68 F	41-06-00	86,498.85 F
31-01-00	64,463.62 F	34-07-00	71,866.70 F	38-01-00	79,269.99 F	41-07-00	86,675.16 F
31-02-00	64,639.88 F	34-08-00	72,042.97 F	38-02-00	79,446.30 F	41-08-00	86,851.47 F
31-03-00	64,816.14 F	34-09-00	72,219.23 F	38-03-00	79,622.62 F	41-09-00	87,027.79 F
31-04-00	64,992.41 F	34-10-00	72,395.50 F	38-04-00	79,798.93 F	41-10-00	87,204.10 F
31-05-00	65,168.67 F	34-11-00	72,571.76 F	38-05-00	79,975.24 F	41-11-00	87,380.42 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 **100-015** Tank Type **F** Roof Weight **135,400** API **10.00** Gravity Correction **2.74**  
 Strapped By: HMT 8/30/2011 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	87,556.73 F	45-06-00	94,961.90 F	49-00-00	102,374.43 F	52-06-00	109,787.43 F
42-01-00	87,733.04 F	45-07-00	95,138.21 F	49-01-00	102,550.93 F	52-07-00	109,963.93 F
42-02-00	87,909.36 F	45-08-00	95,314.53 F	49-02-00	102,727.43 F	52-08-00	110,140.43 F
42-03-00	88,085.67 F	45-09-00	95,490.93 F	49-03-00	102,903.93 F	52-09-00	110,316.93 F
42-04-00	88,261.98 F	45-10-00	95,667.43 F	49-04-00	103,080.43 F	52-10-00	110,493.43 F
42-05-00	88,438.30 F	45-11-00	95,843.93 F	49-05-00	103,256.93 F	52-11-00	110,669.93 F
42-06-00	88,614.61 F	46-00-00	96,020.43 F	49-06-00	103,433.43 F	53-00-00	110,846.43 F
42-07-00	88,790.92 F	46-01-00	96,196.93 F	49-07-00	103,609.93 F	53-01-00	111,022.93 F
42-08-00	88,967.24 F	46-02-00	96,373.43 F	49-08-00	103,786.43 F	53-02-00	111,199.43 F
42-09-00	89,143.55 F	46-03-00	96,549.93 F	49-09-00	103,962.93 F	53-03-00	111,375.93 F
42-10-00	89,319.86 F	46-04-00	96,726.43 F	49-10-00	104,139.43 F	53-04-00	111,552.43 F
42-11-00	89,496.18 F	46-05-00	96,902.93 F	49-11-00	104,315.93 F	53-05-00	111,728.93 F
43-00-00	89,672.49 F	46-06-00	97,079.43 F	50-00-00	104,492.43 F	53-06-00	111,905.43 F
43-01-00	89,848.81 F	46-07-00	97,255.93 F	50-01-00	104,668.93 F	53-07-00	112,081.93 F
43-02-00	90,025.12 F	46-08-00	97,432.43 F	50-02-00	104,845.43 F	53-08-00	112,258.43 F
43-03-00	90,201.43 F	46-09-00	97,608.93 F	50-03-00	105,021.93 F		
43-04-00	90,377.75 F	46-10-00	97,785.43 F	50-04-00	105,198.43 F		
43-05-00	90,554.06 F	46-11-00	97,961.93 F	50-05-00	105,374.93 F		
43-06-00	90,730.37 F	47-00-00	98,138.43 F	50-06-00	105,551.43 F		
43-07-00	90,906.69 F	47-01-00	98,314.93 F	50-07-00	105,727.93 F		
43-08-00	91,083.00 F	47-02-00	98,491.43 F	50-08-00	105,904.43 F		
43-09-00	91,259.31 F	47-03-00	98,667.93 F	50-09-00	106,080.93 F		
43-10-00	91,435.63 F	47-04-00	98,844.43 F	50-10-00	106,257.43 F		
43-11-00	91,611.94 F	47-05-00	99,020.93 F	50-11-00	106,433.93 F		
44-00-00	91,788.26 F	47-06-00	99,197.43 F	51-00-00	106,610.43 F		
44-01-00	91,964.57 F	47-07-00	99,373.93 F	51-01-00	106,786.93 F		
44-02-00	92,140.88 F	47-08-00	99,550.43 F	51-02-00	106,963.43 F		
44-03-00	92,317.20 F	47-09-00	99,726.93 F	51-03-00	107,139.93 F		
44-04-00	92,493.51 F	47-10-00	99,903.43 F	51-04-00	107,316.43 F		
44-05-00	92,669.82 F	47-11-00	100,079.93 F	51-05-00	107,492.93 F		
44-06-00	92,846.14 F	48-00-00	100,256.43 F	51-06-00	107,669.43 F		
44-07-00	93,022.45 F	48-01-00	100,432.93 F	51-07-00	107,845.93 F		
44-08-00	93,198.76 F	48-02-00	100,609.43 F	51-08-00	108,022.43 F		
44-09-00	93,375.08 F	48-03-00	100,785.93 F	51-09-00	108,198.93 F		
44-10-00	93,551.39 F	48-04-00	100,962.43 F	51-10-00	108,375.43 F		
44-11-00	93,727.70 F	48-05-00	101,138.93 F	51-11-00	108,551.93 F		
45-00-00	93,904.02 F	48-06-00	101,315.43 F	52-00-00	108,728.43 F		
45-01-00	94,080.33 F	48-07-00	101,491.93 F	52-01-00	108,904.93 F		
45-02-00	94,256.65 F	48-08-00	101,668.43 F	52-02-00	109,081.43 F		
45-03-00	94,432.96 F	48-09-00	101,844.93 F	52-03-00	109,257.93 F		
45-04-00	94,609.27 F	48-10-00	102,021.43 F	52-04-00	109,434.43 F		
45-05-00	94,785.59 F	48-11-00	102,197.93 F	52-05-00	109,610.93 F		

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

**BOLD DENOTES ROOF CRITICAL ZONE**