

Tank ID **100-031** Tank Type **F** Roof Weight **13,884** API **10.00** Gravity Correction **.28**
 Strapped By: **HMT** 8/11/2017 Floating Height **3-10-00**

<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	2.68	3-06-00	6,049.82	7-00-00	13,416.22 F	10-06-00	20,822.49 F
0-01-00	9.32	3-07-00	6,226.19	7-01-00	13,592.55 F	10-07-00	20,998.88 F
0-02-00	23.50	3-08-00	6,402.57	7-02-00	13,768.88 F	10-08-00	21,175.27 F
0-03-00	47.00	3-09-00	6,578.95	7-03-00	13,945.21 F	10-09-00	21,351.66 F
0-04-00	80.61	3-10-00	6,755.32 F	7-04-00	14,121.54 F	10-10-00	21,528.05 F
0-05-00	123.92	3-11-00	6,929.63 F	7-05-00	14,297.87 F	10-11-00	21,704.44 F
0-06-00	176.19	4-00-00	7,100.35 F	7-06-00	14,474.20 F	11-00-00	21,880.83 F
0-07-00	238.14	4-01-00	7,268.74 F	7-07-00	14,650.53 F	11-01-00	22,057.23 F
0-08-00	310.71	4-02-00	7,435.88 F	7-08-00	14,826.86 F	11-02-00	22,233.62 F
0-09-00	400.32	4-03-00	7,602.37 F	7-09-00	15,003.19 F	11-03-00	22,410.01 F
0-10-00	512.99	4-04-00	7,773.68 F	7-10-00	15,179.52 F	11-04-00	22,586.40 F
0-11-00	648.65	4-05-00	7,950.01 F	7-11-00	15,355.85 F	11-05-00	22,762.79 F
1-00-00	798.56	4-06-00	8,126.34 F	8-00-00	15,532.18 F	11-06-00	22,939.18 F
1-01-00	956.56	4-07-00	8,302.67 F	8-01-00	15,708.51 F	11-07-00	23,115.57 F
1-02-00	1,120.55	4-08-00	8,478.99 F	8-02-00	15,884.84 F	11-08-00	23,291.96 F
1-03-00	1,288.73	4-09-00	8,655.32 F	8-03-00	16,061.17 F	11-09-00	23,468.35 F
1-04-00	1,465.08	4-10-00	8,831.65 F	8-04-00	16,237.50 F	11-10-00	23,644.74 F
1-05-00	1,641.42	4-11-00	9,007.98 F	8-05-00	16,413.83 F	11-11-00	23,821.13 F
1-06-00	1,817.74	5-00-00	9,184.31 F	8-06-00	16,590.16 F	12-00-00	23,997.52 F
1-07-00	1,994.03	5-01-00	9,360.64 F	8-07-00	16,766.49 F	12-01-00	24,173.91 F
1-08-00	2,170.32	5-02-00	9,536.97 F	8-08-00	16,942.82 F	12-02-00	24,350.30 F
1-09-00	2,346.62	5-03-00	9,713.30 F	8-09-00	17,119.15 F	12-03-00	24,526.69 F
1-10-00	2,522.92	5-04-00	9,889.63 F	8-10-00	17,295.47 F	12-04-00	24,703.08 F
1-11-00	2,699.22	5-05-00	10,065.96 F	8-11-00	17,471.80 F	12-05-00	24,879.47 F
2-00-00	2,875.52	5-06-00	10,242.29 F	9-00-00	17,648.13 F	12-06-00	25,055.86 F
2-01-00	3,051.82	5-07-00	10,418.62 F	9-01-00	17,824.46 F	12-07-00	25,232.25 F
2-02-00	3,228.11	5-08-00	10,594.95 F	9-02-00	18,000.79 F	12-08-00	25,408.64 F
2-03-00	3,404.41	5-09-00	10,771.28 F	9-03-00	18,177.12 F	12-09-00	25,585.03 F
2-04-00	3,580.68	5-10-00	10,947.61 F	9-04-00	18,353.45 F	12-10-00	25,761.42 F
2-05-00	3,756.96	5-11-00	11,123.94 F	9-05-00	18,529.78 F	12-11-00	25,937.81 F
2-06-00	3,933.31	6-00-00	11,300.27 F	9-06-00	18,706.11 F	13-00-00	26,114.20 F
2-07-00	4,109.68	6-01-00	11,476.60 F	9-07-00	18,882.44 F	13-01-00	26,290.59 F
2-08-00	4,286.06	6-02-00	11,652.93 F	9-08-00	19,058.77 F	13-02-00	26,466.99 F
2-09-00	4,462.43	6-03-00	11,829.26 F	9-09-00	19,235.10 F	13-03-00	26,643.38 F
2-10-00	4,638.81	6-04-00	12,005.59 F	9-10-00	19,411.43 F	13-04-00	26,819.77 F
2-11-00	4,815.19	6-05-00	12,181.92 F	9-11-00	19,587.76 F	13-05-00	26,996.16 F
3-00-00	4,991.56	6-06-00	12,358.25 F	10-00-00	19,764.15 F	13-06-00	27,172.55 F
3-01-00	5,167.94	6-07-00	12,534.58 F	10-01-00	19,940.54 F	13-07-00	27,348.94 F
3-02-00	5,344.31	6-08-00	12,710.91 F	10-02-00	20,116.93 F	13-08-00	27,525.33 F
3-03-00	5,520.69	6-09-00	12,887.23 F	10-03-00	20,293.32 F	13-09-00	27,701.72 F
3-04-00	5,697.07	6-10-00	13,063.56 F	10-04-00	20,469.71 F	13-10-00	27,878.11 F
3-05-00	5,873.44	6-11-00	13,239.89 F	10-05-00	20,646.10 F	13-11-00	28,054.50 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 **100-031** Tank Type **F** Roof Weight **13,884** API **10.00** Gravity Correction **.28**
 Strapped By: **HMT** 8/11/2017 Floating Height **3-10-00**

<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	28,230.89 F	17-06-00	35,639.29 F	21-00-00	43,047.48 F	24-06-00	50,455.24 F
14-01-00	28,407.28 F	17-07-00	35,815.68 F	21-01-00	43,223.85 F	24-07-00	50,631.61 F
14-02-00	28,583.67 F	17-08-00	35,992.07 F	21-02-00	43,400.23 F	24-08-00	50,807.99 F
14-03-00	28,760.06 F	17-09-00	36,168.46 F	21-03-00	43,576.60 F	24-09-00	50,984.36 F
14-04-00	28,936.45 F	17-10-00	36,344.85 F	21-04-00	43,752.98 F	24-10-00	51,160.74 F
14-05-00	29,112.84 F	17-11-00	36,521.24 F	21-05-00	43,929.35 F	24-11-00	51,337.11 F
14-06-00	29,289.23 F	18-00-00	36,697.63 F	21-06-00	44,105.73 F	25-00-00	51,513.49 F
14-07-00	29,465.62 F	18-01-00	36,874.02 F	21-07-00	44,282.10 F	25-01-00	51,689.86 F
14-08-00	29,642.01 F	18-02-00	37,050.41 F	21-08-00	44,458.48 F	25-02-00	51,866.24 F
14-09-00	29,818.40 F	18-03-00	37,226.80 F	21-09-00	44,634.85 F	25-03-00	52,042.61 F
14-10-00	29,994.79 F	18-04-00	37,403.19 F	21-10-00	44,811.23 F	25-04-00	52,218.99 F
14-11-00	30,171.18 F	18-05-00	37,579.58 F	21-11-00	44,987.60 F	25-05-00	52,395.36 F
15-00-00	30,347.57 F	18-06-00	37,755.97 F	22-00-00	45,163.98 F	25-06-00	52,571.74 F
15-01-00	30,523.96 F	18-07-00	37,932.36 F	22-01-00	45,340.36 F	25-07-00	52,748.11 F
15-02-00	30,700.35 F	18-08-00	38,108.75 F	22-02-00	45,516.73 F	25-08-00	52,924.49 F
15-03-00	30,876.75 F	18-09-00	38,285.14 F	22-03-00	45,693.11 F	25-09-00	53,100.86 F
15-04-00	31,053.14 F	18-10-00	38,461.53 F	22-04-00	45,869.48 F	25-10-00	53,277.24 F
15-05-00	31,229.53 F	18-11-00	38,637.92 F	22-05-00	46,045.86 F	25-11-00	53,453.61 F
15-06-00	31,405.92 F	19-00-00	38,814.31 F	22-06-00	46,222.23 F	26-00-00	53,629.99 F
15-07-00	31,582.31 F	19-01-00	38,990.70 F	22-07-00	46,398.61 F	26-01-00	53,806.36 F
15-08-00	31,758.70 F	19-02-00	39,167.09 F	22-08-00	46,574.98 F	26-02-00	53,982.74 F
15-09-00	31,935.09 F	19-03-00	39,343.48 F	22-09-00	46,751.36 F	26-03-00	54,159.12 F
15-10-00	32,111.48 F	19-04-00	39,519.87 F	22-10-00	46,927.73 F	26-04-00	54,335.49 F
15-11-00	32,287.87 F	19-05-00	39,696.27 F	22-11-00	47,104.11 F	26-05-00	54,511.87 F
16-00-00	32,464.26 F	19-06-00	39,872.66 F	23-00-00	47,280.48 F	26-06-00	54,688.24 F
16-01-00	32,640.65 F	19-07-00	40,049.05 F	23-01-00	47,456.86 F	26-07-00	54,864.62 F
16-02-00	32,817.04 F	19-08-00	40,225.44 F	23-02-00	47,633.23 F	26-08-00	55,040.99 F
16-03-00	32,993.43 F	19-09-00	40,401.83 F	23-03-00	47,809.61 F	26-09-00	55,217.37 F
16-04-00	33,169.82 F	19-10-00	40,578.22 F	23-04-00	47,985.98 F	26-10-00	55,393.74 F
16-05-00	33,346.21 F	19-11-00	40,754.60 F	23-05-00	48,162.36 F	26-11-00	55,570.12 F
16-06-00	33,522.60 F	20-00-00	40,930.98 F	23-06-00	48,338.73 F	27-00-00	55,746.49 F
16-07-00	33,698.99 F	20-01-00	41,107.35 F	23-07-00	48,515.11 F	27-01-00	55,922.87 F
16-08-00	33,875.38 F	20-02-00	41,283.73 F	23-08-00	48,691.48 F	27-02-00	56,099.24 F
16-09-00	34,051.77 F	20-03-00	41,460.10 F	23-09-00	48,867.86 F	27-03-00	56,275.62 F
16-10-00	34,228.16 F	20-04-00	41,636.48 F	23-10-00	49,044.23 F	27-04-00	56,451.99 F
16-11-00	34,404.55 F	20-05-00	41,812.85 F	23-11-00	49,220.61 F	27-05-00	56,628.37 F
17-00-00	34,580.94 F	20-06-00	41,989.23 F	24-00-00	49,396.98 F	27-06-00	56,804.74 F
17-01-00	34,757.33 F	20-07-00	42,165.60 F	24-01-00	49,573.36 F	27-07-00	56,981.12 F
17-02-00	34,933.72 F	20-08-00	42,341.98 F	24-02-00	49,749.74 F	27-08-00	57,157.49 F
17-03-00	35,110.11 F	20-09-00	42,518.35 F	24-03-00	49,926.11 F	27-09-00	57,333.87 F
17-04-00	35,286.51 F	20-10-00	42,694.73 F	24-04-00	50,102.49 F	27-10-00	57,510.24 F
17-05-00	35,462.90 F	20-11-00	42,871.10 F	24-05-00	50,278.86 F	27-11-00	57,686.62 F

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BOLD DENOTES ROOF CRITICAL ZONE

Tank ID **100-031** Tank Type **F** Roof Weight **13,884** API **10.00** Gravity Correction **.28**
 Strapped By: HMT 8/11/2017 Floating Height **3-10-00**

<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	57,862.99 F	31-06-00	65,274.78 F	35-00-00	72,691.01 F	38-06-00	80,108.31 F
28-01-00	58,039.37 F	31-07-00	65,451.36 F	35-01-00	72,867.59 F	38-07-00	80,285.01 F
28-02-00	58,215.74 F	31-08-00	65,627.94 F	35-02-00	73,044.16 F	38-08-00	80,461.72 F
28-03-00	58,392.12 F	31-09-00	65,804.52 F	35-03-00	73,220.74 F	38-09-00	80,638.42 F
28-04-00	58,568.50 F	31-10-00	65,981.09 F	35-04-00	73,397.32 F	38-10-00	80,815.12 F
28-05-00	58,744.87 F	31-11-00	66,157.67 F	35-05-00	73,573.89 F	38-11-00	80,991.83 F
28-06-00	58,921.25 F	32-00-00	66,334.25 F	35-06-00	73,750.47 F	39-00-00	81,168.53 F
28-07-00	59,097.62 F	32-01-00	66,510.82 F	35-07-00	73,927.05 F	39-01-00	81,345.23 F
28-08-00	59,274.00 F	32-02-00	66,687.40 F	35-08-00	74,103.62 F	39-02-00	81,521.94 F
28-09-00	59,450.37 F	32-03-00	66,863.98 F	35-09-00	74,280.20 F	39-03-00	81,698.64 F
28-10-00	59,626.75 F	32-04-00	67,040.55 F	35-10-00	74,456.78 F	39-04-00	81,875.34 F
28-11-00	59,803.12 F	32-05-00	67,217.13 F	35-11-00	74,633.36 F	39-05-00	82,052.05 F
29-00-00	59,979.50 F	32-06-00	67,393.71 F	36-00-00	74,809.93 F	39-06-00	82,228.75 F
29-01-00	60,155.87 F	32-07-00	67,570.28 F	36-01-00	74,986.51 F	39-07-00	82,405.45 F
29-02-00	60,332.25 F	32-08-00	67,746.86 F	36-02-00	75,163.09 F	39-08-00	82,582.16 F
29-03-00	60,508.62 F	32-09-00	67,923.44 F	36-03-00	75,339.66 F	39-09-00	82,758.86 F
29-04-00	60,685.00 F	32-10-00	68,100.01 F	36-04-00	75,516.24 F	39-10-00	82,935.56 F
29-05-00	60,861.37 F	32-11-00	68,276.59 F	36-05-00	75,692.82 F	39-11-00	83,112.26 F
29-06-00	61,037.75 F	33-00-00	68,453.17 F	36-06-00	75,869.39 F	40-00-00	83,288.97 F
29-07-00	61,214.12 F	33-01-00	68,629.74 F	36-07-00	76,045.97 F	40-01-00	83,465.67 F
29-08-00	61,390.50 F	33-02-00	68,806.32 F	36-08-00	76,222.55 F	40-02-00	83,642.37 F
29-09-00	61,566.87 F	33-03-00	68,982.90 F	36-09-00	76,399.12 F	40-03-00	83,819.08 F
29-10-00	61,743.25 F	33-04-00	69,159.47 F	36-10-00	76,575.70 F	40-04-00	83,995.78 F
29-11-00	61,919.83 F	33-05-00	69,336.05 F	36-11-00	76,752.28 F	40-05-00	84,172.48 F
30-00-00	62,096.40 F	33-06-00	69,512.63 F	37-00-00	76,928.85 F	40-06-00	84,349.19 F
30-01-00	62,272.98 F	33-07-00	69,689.20 F	37-01-00	77,105.43 F	40-07-00	84,525.89 F
30-02-00	62,449.56 F	33-08-00	69,865.78 F	37-02-00	77,282.01 F	40-08-00	84,702.59 F
30-03-00	62,626.13 F	33-09-00	70,042.36 F	37-03-00	77,458.58 F	40-09-00	84,879.30 F
30-04-00	62,802.71 F	33-10-00	70,218.94 F	37-04-00	77,635.16 F	40-10-00	85,056.00 F
30-05-00	62,979.29 F	33-11-00	70,395.51 F	37-05-00	77,811.74 F	40-11-00	85,232.70 F
30-06-00	63,155.86 F	34-00-00	70,572.09 F	37-06-00	77,988.31 F	41-00-00	85,409.41 F
30-07-00	63,332.44 F	34-01-00	70,748.67 F	37-07-00	78,164.89 F	41-01-00	85,586.11 F
30-08-00	63,509.02 F	34-02-00	70,925.24 F	37-08-00	78,341.47 F	41-02-00	85,762.81 F
30-09-00	63,685.59 F	34-03-00	71,101.82 F	37-09-00	78,518.04 F	41-03-00	85,939.52 F
30-10-00	63,862.17 F	34-04-00	71,278.40 F	37-10-00	78,694.62 F	41-04-00	86,116.22 F
30-11-00	64,038.75 F	34-05-00	71,454.97 F	37-11-00	78,871.19 F	41-05-00	86,292.92 F
31-00-00	64,215.32 F	34-06-00	71,631.55 F	38-00-00	79,048.09 F	41-06-00	86,469.63 F
31-01-00	64,391.90 F	34-07-00	71,808.13 F	38-01-00	79,224.79 F	41-07-00	86,646.33 F
31-02-00	64,568.48 F	34-08-00	71,984.70 F	38-02-00	79,401.50 F	41-08-00	86,823.03 F
31-03-00	64,745.05 F	34-09-00	72,161.28 F	38-03-00	79,578.20 F	41-09-00	86,999.74 F
31-04-00	64,921.63 F	34-10-00	72,337.86 F	38-04-00	79,754.90 F	41-10-00	87,176.44 F
31-05-00	65,098.21 F	34-11-00	72,514.43 F	38-05-00	79,931.61 F	41-11-00	87,353.14 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 **100-031** Tank Type **F** Roof Weight **13,884** API **10.00** Gravity Correction **.28**
 Strapped By: HMT 8/11/2017 Floating Height **3-10-00**

<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	87,529.84 F	45-06-00	94,951.38 F	49-00-00	102,376.00 F	52-06-00	109,800.86 F
42-01-00	87,706.55 F	45-07-00	95,128.08 F	49-01-00	102,552.78 F	52-07-00	109,977.65 F
42-02-00	87,883.25 F	45-08-00	95,304.79 F	49-02-00	102,729.57 F	52-08-00	110,154.43 F
42-03-00	88,059.95 F	45-09-00	95,481.49 F	49-03-00	102,906.35 F	52-09-00	110,331.21 F
42-04-00	88,236.66 F	45-10-00	95,658.27 F	49-04-00	103,083.13 F	52-10-00	110,507.99 F
42-05-00	88,413.36 F	45-11-00	95,835.05 F	49-05-00	103,259.91 F	52-11-00	110,684.78 F
42-06-00	88,590.06 F	46-00-00	96,011.84 F	49-06-00	103,436.70 F	53-00-00	110,861.56 F
42-07-00	88,766.77 F	46-01-00	96,188.62 F	49-07-00	103,613.48 F	53-01-00	111,038.34 F
42-08-00	88,943.47 F	46-02-00	96,365.40 F	49-08-00	103,790.26 F	53-02-00	111,215.12 F
42-09-00	89,120.17 F	46-03-00	96,542.18 F	49-09-00	103,967.04 F	53-03-00	111,391.90 F
42-10-00	89,296.88 F	46-04-00	96,718.97 F	49-10-00	104,143.83 F	53-04-00	111,568.69 F
42-11-00	89,473.58 F	46-05-00	96,895.75 F	49-11-00	104,320.61 F	53-05-00	111,745.47 F
43-00-00	89,650.28 F	46-06-00	97,072.53 F	50-00-00	104,497.39 F	53-06-00	111,922.25 F
43-01-00	89,826.99 F	46-07-00	97,249.31 F	50-01-00	104,674.17 F	53-07-00	112,099.03 F
43-02-00	90,003.69 F	46-08-00	97,426.10 F	50-02-00	104,850.96 F	53-08-00	112,275.82 F
43-03-00	90,180.39 F	46-09-00	97,602.88 F	50-03-00	105,027.74 F	53-09-00	112,452.60 F
43-04-00	90,357.10 F	46-10-00	97,779.66 F	50-04-00	105,204.52 F		
43-05-00	90,533.80 F	46-11-00	97,956.44 F	50-05-00	105,381.30 F		
43-06-00	90,710.50 F	47-00-00	98,133.22 F	50-06-00	105,558.09 F		
43-07-00	90,887.21 F	47-01-00	98,310.01 F	50-07-00	105,734.87 F		
43-08-00	91,063.91 F	47-02-00	98,486.79 F	50-08-00	105,911.65 F		
43-09-00	91,240.61 F	47-03-00	98,663.57 F	50-09-00	106,088.43 F		
43-10-00	91,417.32 F	47-04-00	98,840.35 F	50-10-00	106,265.22 F		
43-11-00	91,594.02 F	47-05-00	99,017.14 F	50-11-00	106,442.00 F		
44-00-00	91,770.72 F	47-06-00	99,193.92 F	51-00-00	106,618.78 F		
44-01-00	91,947.42 F	47-07-00	99,370.70 F	51-01-00	106,795.56 F		
44-02-00	92,124.13 F	47-08-00	99,547.48 F	51-02-00	106,972.34 F		
44-03-00	92,300.83 F	47-09-00	99,724.27 F	51-03-00	107,149.13 F		
44-04-00	92,477.53 F	47-10-00	99,901.05 F	51-04-00	107,325.91 F		
44-05-00	92,654.24 F	47-11-00	100,077.83 F	51-05-00	107,502.69 F		
44-06-00	92,830.94 F	48-00-00	100,254.61 F	51-06-00	107,679.47 F		
44-07-00	93,007.64 F	48-01-00	100,431.40 F	51-07-00	107,856.26 F		
44-08-00	93,184.35 F	48-02-00	100,608.18 F	51-08-00	108,033.04 F		
44-09-00	93,361.05 F	48-03-00	100,784.96 F	51-09-00	108,209.82 F		
44-10-00	93,537.75 F	48-04-00	100,961.74 F	51-10-00	108,386.60 F		
44-11-00	93,714.46 F	48-05-00	101,138.53 F	51-11-00	108,563.39 F		
45-00-00	93,891.16 F	48-06-00	101,315.31 F	52-00-00	108,740.17 F		
45-01-00	94,067.86 F	48-07-00	101,492.09 F	52-01-00	108,916.95 F		
45-02-00	94,244.57 F	48-08-00	101,668.87 F	52-02-00	109,093.73 F		
45-03-00	94,421.27 F	48-09-00	101,845.66 F	52-03-00	109,270.52 F		
45-04-00	94,597.97 F	48-10-00	102,022.44 F	52-04-00	109,447.30 F		
45-05-00	94,774.68 F	48-11-00	102,199.22 F	52-05-00	109,624.08 F		

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

BOLD DENOTES ROOF CRITICAL ZONE