

Tank ID **036-001** Tank Type **F** Roof Weight **46,500** API **45.30** Gravity Correction **.94**
 Strapped By: **HMT** 4/24/2017 Floating Height **4-01-00**

<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	6.68	3-06-00	2,588.78	7-00-00	5,175.19 F	10-06-00	7,927.82 F
0-01-00	20.31	3-07-00	2,654.31	7-01-00	5,240.73 F	10-07-00	7,993.36 F
0-02-00	44.36	3-08-00	2,719.85	7-02-00	5,306.27 F	10-08-00	8,058.90 F
0-03-00	77.89	3-09-00	2,785.39	7-03-00	5,371.80 F	10-09-00	8,124.44 F
0-04-00	120.26	3-10-00	2,850.93	7-04-00	5,437.34 F	10-10-00	8,189.98 F
0-05-00	172.44	3-11-00	2,916.46	7-05-00	5,502.88 F	10-11-00	8,255.52 F
0-06-00	231.03	4-00-00	2,982.00	7-06-00	5,568.42 F	11-00-00	8,321.06 F
0-07-00	294.02	4-01-00	3,047.54 F	7-07-00	5,633.96 F	11-01-00	8,386.59 F
0-08-00	359.56	4-02-00	3,057.69 F	7-08-00	5,699.49 F	11-02-00	8,452.13 F
0-09-00	425.10	4-03-00	3,067.84 F	7-09-00	5,765.03 F	11-03-00	8,517.67 F
0-10-00	490.63	4-04-00	3,077.99 F	7-10-00	5,830.57 F	11-04-00	8,583.21 F
0-11-00	556.17	4-05-00	3,143.53 F	7-11-00	5,896.11 F	11-05-00	8,648.75 F
1-00-00	621.72	4-06-00	3,209.06 F	8-00-00	5,961.64 F	11-06-00	8,714.29 F
1-01-00	687.26	4-07-00	3,274.60 F	8-01-00	6,027.18 F	11-07-00	8,779.83 F
1-02-00	752.82	4-08-00	3,340.14 F	8-02-00	6,092.72 F	11-08-00	8,845.37 F
1-03-00	818.38	4-09-00	3,405.68 F	8-03-00	6,158.26 F	11-09-00	8,910.91 F
1-04-00	883.94	4-10-00	3,471.21 F	8-04-00	6,223.80 F	11-10-00	8,976.45 F
1-05-00	949.50	4-11-00	3,536.75 F	8-05-00	6,289.34 F	11-11-00	9,041.99 F
1-06-00	1,015.07	5-00-00	3,602.29 F	8-06-00	6,354.88 F	12-00-00	9,107.53 F
1-07-00	1,080.66	5-01-00	3,667.83 F	8-07-00	6,420.42 F	12-01-00	9,173.07 F
1-08-00	1,146.25	5-02-00	3,733.36 F	8-08-00	6,485.96 F	12-02-00	9,238.60 F
1-09-00	1,211.83	5-03-00	3,798.90 F	8-09-00	6,551.50 F	12-03-00	9,304.14 F
1-10-00	1,277.40	5-04-00	3,864.44 F	8-10-00	6,617.04 F	12-04-00	9,369.68 F
1-11-00	1,342.98	5-05-00	3,929.98 F	8-11-00	6,682.58 F	12-05-00	9,435.22 F
2-00-00	1,408.55	5-06-00	3,995.52 F	9-00-00	6,748.11 F	12-06-00	9,500.76 F
2-01-00	1,474.12	5-07-00	4,061.05 F	9-01-00	6,813.65 F	12-07-00	9,566.30 F
2-02-00	1,539.68	5-08-00	4,126.59 F	9-02-00	6,879.19 F	12-08-00	9,631.84 F
2-03-00	1,605.25	5-09-00	4,192.13 F	9-03-00	6,944.73 F	12-09-00	9,697.38 F
2-04-00	1,670.82	5-10-00	4,257.67 F	9-04-00	7,010.27 F	12-10-00	9,762.92 F
2-05-00	1,736.39	5-11-00	4,323.20 F	9-05-00	7,075.81 F	12-11-00	9,828.46 F
2-06-00	1,801.96	6-00-00	4,388.74 F	9-06-00	7,141.35 F	13-00-00	9,894.00 F
2-07-00	1,867.53	6-01-00	4,454.28 F	9-07-00	7,206.89 F	13-01-00	9,959.54 F
2-08-00	1,933.10	6-02-00	4,519.82 F	9-08-00	7,272.43 F	13-02-00	10,025.07 F
2-09-00	1,998.67	6-03-00	4,585.35 F	9-09-00	7,337.97 F	13-03-00	10,090.61 F
2-10-00	2,064.23	6-04-00	4,650.89 F	9-10-00	7,403.51 F	13-04-00	10,156.15 F
2-11-00	2,129.80	6-05-00	4,716.43 F	9-11-00	7,469.05 F	13-05-00	10,221.69 F
3-00-00	2,195.37	6-06-00	4,781.97 F	10-00-00	7,534.59 F	13-06-00	10,287.23 F
3-01-00	2,260.94	6-07-00	4,847.50 F	10-01-00	7,600.12 F	13-07-00	10,352.77 F
3-02-00	2,326.51	6-08-00	4,913.04 F	10-02-00	7,665.66 F	13-08-00	10,418.31 F
3-03-00	2,392.08	6-09-00	4,978.58 F	10-03-00	7,731.20 F	13-09-00	10,483.85 F
3-04-00	2,457.65	6-10-00	5,044.12 F	10-04-00	7,796.74 F	13-10-00	10,549.39 F
3-05-00	2,523.22	6-11-00	5,109.65 F	10-05-00	7,862.28 F	13-11-00	10,614.93 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 **036-001** Tank Type **F** Roof Weight **46,500** API **45.30** Gravity Correction **.94**
 Strapped By: **HMT** 4/24/2017 Floating Height **4-01-00**

<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	10,680.47 F	17-06-00	13,433.39 F	21-00-00	16,186.64 F	24-06-00	18,940.15 F
14-01-00	10,746.01 F	17-07-00	13,498.94 F	21-01-00	16,252.20 F	24-07-00	19,005.73 F
14-02-00	10,811.55 F	17-08-00	13,564.50 F	21-02-00	16,317.75 F	24-08-00	19,071.32 F
14-03-00	10,877.08 F	17-09-00	13,630.05 F	21-03-00	16,383.30 F	24-09-00	19,136.91 F
14-04-00	10,942.62 F	17-10-00	13,695.60 F	21-04-00	16,448.86 F	24-10-00	19,202.49 F
14-05-00	11,008.16 F	17-11-00	13,761.16 F	21-05-00	16,514.41 F	24-11-00	19,268.08 F
14-06-00	11,073.70 F	18-00-00	13,826.71 F	21-06-00	16,579.96 F	25-00-00	19,333.67 F
14-07-00	11,139.24 F	18-01-00	13,892.27 F	21-07-00	16,645.52 F	25-01-00	19,399.25 F
14-08-00	11,204.78 F	18-02-00	13,957.82 F	21-08-00	16,711.07 F	25-02-00	19,464.84 F
14-09-00	11,270.32 F	18-03-00	14,023.37 F	21-09-00	16,776.62 F	25-03-00	19,530.42 F
14-10-00	11,335.86 F	18-04-00	14,088.93 F	21-10-00	16,842.18 F	25-04-00	19,596.01 F
14-11-00	11,401.40 F	18-05-00	14,154.48 F	21-11-00	16,907.73 F	25-05-00	19,661.60 F
15-00-00	11,466.94 F	18-06-00	14,220.03 F	22-00-00	16,973.28 F	25-06-00	19,727.18 F
15-01-00	11,532.48 F	18-07-00	14,285.59 F	22-01-00	17,038.84 F	25-07-00	19,792.77 F
15-02-00	11,598.02 F	18-08-00	14,351.14 F	22-02-00	17,104.39 F	25-08-00	19,858.36 F
15-03-00	11,663.55 F	18-09-00	14,416.69 F	22-03-00	17,169.95 F	25-09-00	19,923.94 F
15-04-00	11,729.09 F	18-10-00	14,482.25 F	22-04-00	17,235.50 F	25-10-00	19,989.53 F
15-05-00	11,794.63 F	18-11-00	14,547.80 F	22-05-00	17,301.05 F	25-11-00	20,055.12 F
15-06-00	11,860.17 F	19-00-00	14,613.36 F	22-06-00	17,366.61 F	26-00-00	20,120.70 F
15-07-00	11,925.71 F	19-01-00	14,678.91 F	22-07-00	17,432.16 F	26-01-00	20,186.29 F
15-08-00	11,991.25 F	19-02-00	14,744.46 F	22-08-00	17,497.71 F	26-02-00	20,251.88 F
15-09-00	12,056.79 F	19-03-00	14,810.02 F	22-09-00	17,563.27 F	26-03-00	20,317.46 F
15-10-00	12,122.33 F	19-04-00	14,875.57 F	22-10-00	17,628.82 F	26-04-00	20,383.05 F
15-11-00	12,187.87 F	19-05-00	14,941.12 F	22-11-00	17,694.37 F	26-05-00	20,448.63 F
16-00-00	12,253.43 F	19-06-00	15,006.68 F	23-00-00	17,759.93 F	26-06-00	20,514.22 F
16-01-00	12,318.98 F	19-07-00	15,072.23 F	23-01-00	17,825.48 F	26-07-00	20,579.81 F
16-02-00	12,384.53 F	19-08-00	15,137.78 F	23-02-00	17,891.04 F	26-08-00	20,645.39 F
16-03-00	12,450.09 F	19-09-00	15,203.34 F	23-03-00	17,956.59 F	26-09-00	20,710.98 F
16-04-00	12,515.64 F	19-10-00	15,268.89 F	23-04-00	18,022.14 F	26-10-00	20,776.57 F
16-05-00	12,581.19 F	19-11-00	15,334.44 F	23-05-00	18,087.70 F	26-11-00	20,842.15 F
16-06-00	12,646.75 F	20-00-00	15,400.00 F	23-06-00	18,153.25 F	27-00-00	20,907.74 F
16-07-00	12,712.30 F	20-01-00	15,465.55 F	23-07-00	18,218.80 F	27-01-00	20,973.33 F
16-08-00	12,777.85 F	20-02-00	15,531.11 F	23-08-00	18,284.36 F	27-02-00	21,038.91 F
16-09-00	12,843.41 F	20-03-00	15,596.66 F	23-09-00	18,349.91 F	27-03-00	21,104.50 F
16-10-00	12,908.96 F	20-04-00	15,662.21 F	23-10-00	18,415.46 F	27-04-00	21,170.08 F
16-11-00	12,974.52 F	20-05-00	15,727.77 F	23-11-00	18,481.04 F	27-05-00	21,235.67 F
17-00-00	13,040.07 F	20-06-00	15,793.32 F	24-00-00	18,546.63 F	27-06-00	21,301.26 F
17-01-00	13,105.62 F	20-07-00	15,858.87 F	24-01-00	18,612.22 F	27-07-00	21,366.84 F
17-02-00	13,171.18 F	20-08-00	15,924.43 F	24-02-00	18,677.80 F	27-08-00	21,432.43 F
17-03-00	13,236.73 F	20-09-00	15,989.98 F	24-03-00	18,743.39 F	27-09-00	21,498.02 F
17-04-00	13,302.28 F	20-10-00	16,055.53 F	24-04-00	18,808.97 F	27-10-00	21,563.60 F
17-05-00	13,367.84 F	20-11-00	16,121.09 F	24-05-00	18,874.56 F	27-11-00	21,629.19 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 **036-001** Tank Type **F** Roof Weight **46,500** API **45.30** Gravity Correction **.94**
 Strapped By: HMT 4/24/2017 Floating Height **4-01-00**

<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	21,694.78 F	31-06-00	24,449.40 F	35-00-00	27,204.77 F	38-06-00	29,960.20 F
28-01-00	21,760.36 F	31-07-00	24,514.99 F	35-01-00	27,270.37 F	38-07-00	30,025.81 F
28-02-00	21,825.95 F	31-08-00	24,580.58 F	35-02-00	27,335.98 F	38-08-00	30,091.41 F
28-03-00	21,891.54 F	31-09-00	24,646.16 F	35-03-00	27,401.58 F	38-09-00	30,157.02 F
28-04-00	21,957.12 F	31-10-00	24,711.76 F	35-04-00	27,467.19 F	38-10-00	30,222.63 F
28-05-00	22,022.71 F	31-11-00	24,777.36 F	35-05-00	27,532.80 F	38-11-00	30,288.23 F
28-06-00	22,088.29 F	32-00-00	24,842.97 F	35-06-00	27,598.40 F	39-00-00	30,353.84 F
28-07-00	22,153.88 F	32-01-00	24,908.57 F	35-07-00	27,664.01 F	39-01-00	30,419.44 F
28-08-00	22,219.47 F	32-02-00	24,974.18 F	35-08-00	27,729.61 F	39-02-00	30,485.05 F
28-09-00	22,285.05 F	32-03-00	25,039.78 F	35-09-00	27,795.22 F	39-03-00	30,550.65 F
28-10-00	22,350.64 F	32-04-00	25,105.39 F	35-10-00	27,860.82 F	39-04-00	30,616.26 F
28-11-00	22,416.23 F	32-05-00	25,170.99 F	35-11-00	27,926.43 F	39-05-00	30,681.86 F
29-00-00	22,481.81 F	32-06-00	25,236.60 F	36-00-00	27,992.04 F	39-06-00	30,747.47 F
29-01-00	22,547.40 F	32-07-00	25,302.21 F	36-01-00	28,057.64 F	39-07-00	30,813.08 F
29-02-00	22,612.99 F	32-08-00	25,367.81 F	36-02-00	28,123.25 F	39-08-00	30,878.68 F
29-03-00	22,678.57 F	32-09-00	25,433.42 F	36-03-00	28,188.85 F	39-09-00	30,944.29 F
29-04-00	22,744.16 F	32-10-00	25,499.02 F	36-04-00	28,254.46 F	39-10-00	31,009.92 F
29-05-00	22,809.74 F	32-11-00	25,564.63 F	36-05-00	28,320.06 F	39-11-00	31,075.57 F
29-06-00	22,875.33 F	33-00-00	25,630.23 F	36-06-00	28,385.67 F	40-00-00	31,141.21 F
29-07-00	22,940.92 F	33-01-00	25,695.84 F	36-07-00	28,451.27 F	40-01-00	31,206.86 F
29-08-00	23,006.50 F	33-02-00	25,761.44 F	36-08-00	28,516.88 F	40-02-00	31,272.51 F
29-09-00	23,072.09 F	33-03-00	25,827.05 F	36-09-00	28,582.49 F	40-03-00	31,338.15 F
29-10-00	23,137.68 F	33-04-00	25,892.66 F	36-10-00	28,648.09 F	40-04-00	31,403.80 F
29-11-00	23,203.26 F	33-05-00	25,958.26 F	36-11-00	28,713.70 F	40-05-00	31,469.44 F
30-00-00	23,268.85 F	33-06-00	26,023.87 F	37-00-00	28,779.30 F	40-06-00	31,535.09 F
30-01-00	23,334.44 F	33-07-00	26,089.47 F	37-01-00	28,844.91 F	40-07-00	31,600.73 F
30-02-00	23,400.02 F	33-08-00	26,155.08 F	37-02-00	28,910.51 F	40-08-00	31,666.38 F
30-03-00	23,465.61 F	33-09-00	26,220.68 F	37-03-00	28,976.12 F	40-09-00	31,732.02 F
30-04-00	23,531.20 F	33-10-00	26,286.29 F	37-04-00	29,041.72 F	40-10-00	31,797.67 F
30-05-00	23,596.78 F	33-11-00	26,351.90 F	37-05-00	29,107.33 F	40-11-00	31,863.32 F
30-06-00	23,662.37 F	34-00-00	26,417.50 F	37-06-00	29,172.94 F	41-00-00	31,928.96 F
30-07-00	23,727.95 F	34-01-00	26,483.11 F	37-07-00	29,238.54 F	41-01-00	31,994.61 F
30-08-00	23,793.54 F	34-02-00	26,548.71 F	37-08-00	29,304.15 F	41-02-00	32,060.25 F
30-09-00	23,859.13 F	34-03-00	26,614.32 F	37-09-00	29,369.75 F	41-03-00	32,125.90 F
30-10-00	23,924.71 F	34-04-00	26,679.92 F	37-10-00	29,435.36 F	41-04-00	32,191.54 F
30-11-00	23,990.30 F	34-05-00	26,745.53 F	37-11-00	29,500.96 F	41-05-00	32,257.19 F
31-00-00	24,055.89 F	34-06-00	26,811.13 F	38-00-00	29,566.57 F	41-06-00	32,322.83 F
31-01-00	24,121.47 F	34-07-00	26,876.74 F	38-01-00	29,632.18 F	41-07-00	32,388.48 F
31-02-00	24,187.06 F	34-08-00	26,942.35 F	38-02-00	29,697.78 F	41-08-00	32,454.13 F
31-03-00	24,252.65 F	34-09-00	27,007.95 F	38-03-00	29,763.39 F	41-09-00	32,519.77 F
31-04-00	24,318.23 F	34-10-00	27,073.56 F	38-04-00	29,828.99 F	41-10-00	32,585.42 F
31-05-00	24,383.82 F	34-11-00	27,139.16 F	38-05-00	29,894.60 F	41-11-00	32,651.06 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 **036-001** Tank Type **F** Roof Weight **46,500** API **45.30** Gravity Correction **.94**
 Strapped By: HMT 4/24/2017 Floating Height **4-01-00**

<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	32,716.71 F	45-06-00	35,473.82 F				
42-01-00	32,782.35 F	45-07-00	35,539.47 F				
42-02-00	32,848.00 F	45-08-00	35,605.11 F				
42-03-00	32,913.65 F	45-09-00	35,670.76 F				
42-04-00	32,979.29 F	45-10-00	35,736.41 F				
42-05-00	33,044.94 F	45-11-00	35,802.05 F				
42-06-00	33,110.58 F	46-00-00	35,867.70 F				
42-07-00	33,176.23 F	46-01-00	35,933.34 F				
42-08-00	33,241.87 F	46-02-00	35,998.99 F				
42-09-00	33,307.52 F	46-03-00	36,064.63 F				
42-10-00	33,373.16 F	46-04-00	36,130.28 F				
42-11-00	33,438.81 F	46-05-00	36,195.93 F				
43-00-00	33,504.46 F	46-06-00	36,261.57 F				
43-01-00	33,570.10 F	46-07-00	36,327.22 F				
43-02-00	33,635.75 F	46-08-00	36,392.86 F				
43-03-00	33,701.39 F	46-09-00	36,458.51 F				
43-04-00	33,767.04 F	46-10-00	36,524.15 F				
43-05-00	33,832.68 F	46-11-00	36,589.80 F				
43-06-00	33,898.33 F	47-00-00	36,655.44 F				
43-07-00	33,963.97 F	47-01-00	36,721.09 F				
43-08-00	34,029.62 F	47-02-00	36,786.74 F				
43-09-00	34,095.27 F	47-03-00	36,852.38 F				
43-10-00	34,160.91 F	47-04-00	36,918.03 F				
43-11-00	34,226.56 F	47-05-00	36,983.67 F				
44-00-00	34,292.20 F	47-06-00	37,049.32 F				
44-01-00	34,357.85 F	47-07-00	37,114.96 F				
44-02-00	34,423.49 F	47-08-00	37,180.61 F				
44-03-00	34,489.14 F	47-09-00	37,246.25 F				
44-04-00	34,554.79 F	47-10-00	37,311.90 F				
44-05-00	34,620.43 F	47-11-00	37,377.55 F				
44-06-00	34,686.08 F	48-00-00	37,443.19 F				
44-07-00	34,751.72 F	48-01-00	37,508.84 F				
44-08-00	34,817.37 F	48-02-00	37,574.48 F				
44-09-00	34,883.01 F	48-03-00	37,640.13 F				
44-10-00	34,948.66 F	48-04-00	37,705.77 F				
44-11-00	35,014.30 F	48-05-00	37,771.42 F				
45-00-00	35,079.95 F						
45-01-00	35,145.60 F						
45-02-00	35,211.24 F						
45-03-00	35,276.89 F						
45-04-00	35,342.53 F						
45-05-00	35,408.18 F						

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

BOLD DENOTES ROOF CRITICAL ZONE