



BARGE "AS-117"

ARTHUR SMITH CORPORATION

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

ST. LOUIS SHIP HULL NO. 4605

TANK NUMBER

0	1	2	3	4	5	6	7	8	9	10	11	12	13
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
* 1.02	225.32	475.74	725.73	976.10	1,226.47	1,476.84	1,727.21	1,977.57	2,227.94	2,478.31	2,695.68	2,910.05	3,123.30
0	1.92	230.54	480.95	730.95	981.32	1,231.69	1,482.05	1,732.42	1,982.79	2,233.16	2,483.53	2,700.14	3,127.39
1/4	2.81	235.75	486.17	736.17	986.53	1,236.90	1,487.27	1,737.64	1,988.01	2,238.37	2,488.74	2,704.61	3,130.74
3/4	3.70	240.97	491.39	741.38	991.75	1,242.12	1,492.49	1,742.85	1,993.22	2,243.59	2,493.96	2,709.08	3,134.09
1	6.40	246.19	496.60	746.60	996.97	1,247.33	1,497.70	1,748.07	1,998.44	2,248.81	2,499.17	2,713.54	3,137.44
1 1/4	9.10	251.40	501.82	751.81	1,002.18	1,252.55	1,502.92	1,753.29	2,003.65	2,254.02	2,503.64	2,718.01	3,140.79
1 1/2	11.79	256.62	507.04	757.03	1,007.40	1,257.77	1,508.13	1,758.50	2,008.87	2,259.24	2,508.11	2,722.47	3,143.39
3/4	14.49	261.84	512.25	762.25	1,012.61	1,262.98	1,513.35	1,763.72	2,014.09	2,264.45	2,512.57	2,726.94	3,146.00
2	18.78	267.06	517.47	767.46	1,017.83	1,268.20	1,518.57	1,768.93	2,019.30	2,269.67	2,517.04	2,731.41	3,148.60
1 1/4	23.07	272.27	522.69	772.68	1,023.05	1,273.41	1,523.78	1,774.15	2,024.52	2,274.89	2,521.50	2,735.87	3,151.20
1 1/2	27.36	277.49	527.91	777.89	1,028.26	1,278.63	1,529.00	1,779.37	2,029.73	2,280.10	2,525.97	2,740.34	3,153.07
3/4	32.29	282.71	533.12	783.11	1,033.48	1,283.85	1,534.21	1,784.58	2,034.95	2,285.32	2,530.44	2,744.80	3,154.93
3	37.51	287.92	538.34	788.33	1,038.69	1,289.06	1,539.43	1,789.80	2,040.17	2,290.53	2,534.90	2,749.27	3,156.79
1 1/4	42.72	293.14	543.56	793.54	1,043.91	1,294.28	1,544.65	1,795.01	2,045.38	2,295.75	2,539.37	2,753.74	3,158.65
1 1/2	47.94	298.36	548.77	798.76	1,049.13	1,299.49	1,549.86	1,800.23	2,050.60	2,300.97	2,543.83	2,758.20	3,159.77
3/4	53.16	303.57	553.99	803.97	1,054.34	1,304.71	1,555.08	1,805.45	2,055.81	2,306.18	2,548.30	2,762.67	3,160.88
4	58.38	308.79	559.19	809.19	1,059.56	1,309.93	1,560.29	1,810.66	2,061.03	2,311.40	2,552.77	2,767.13	3,162.00
1 1/4	63.59	314.01	564.40	814.41	1,064.77	1,315.14	1,565.51	1,815.88	2,066.25	2,316.61	2,557.23	2,771.67	3,163.12
1 1/2	68.81	319.23	569.60	819.62	1,069.99	1,320.36	1,570.73	1,821.09	2,071.46	2,321.83	2,561.70	2,776.07	3,163.49
3/4	74.03	324.44	574.81	824.84	1,075.21	1,325.57	1,575.94	1,826.31	2,076.68	2,327.05	2,566.16	2,780.53	3,163.86
5	79.24	329.66	580.01	830.01	1,080.42	1,330.79	1,581.16	1,831.53	2,081.89	2,332.26	2,570.63	2,785.00	3,164.23
1 1/4	84.46	334.88	585.21	835.27	1,085.64	1,336.01	1,586.37	1,836.74	2,087.11	2,337.48	2,575.10	2,789.45	3,164.60
1 1/2	89.68	340.09	590.42	840.49	1,090.85	1,341.22	1,591.59	1,841.96	2,092.33	2,342.69	2,579.56	2,793.93	3,164.97
3/4	94.89	345.31	595.62	845.70	1,096.07	1,346.44	1,596.81	1,847.17	2,097.54	2,347.91	2,584.03	2,798.40	3,165.34
6	100.11	350.53	600.83	850.92	1,101.29	1,351.65	1,602.02	1,852.39	2,102.76	2,353.13	2,588.49	2,802.86	3,165.71
1 1/4	105.33	355.74	606.03	856.13	1,106.50	1,356.87	1,607.24	1,857.61	2,107.97	2,358.34	2,592.96	2,807.33	3,166.08
1 1/2	110.55	360.96	611.23	861.35	1,111.72	1,362.09	1,612.45	1,862.82	2,113.19	2,363.55	2,597.43	2,811.79	3,166.45
3/4	115.76	366.18	616.44	866.57	1,116.93	1,367.30	1,617.67	1,868.04	2,118.41	2,368.77	2,601.89	2,816.26	3,166.82
7	120.98	371.40	621.64	871.78	1,122.15	1,372.52	1,622.89	1,873.25	2,123.62	2,373.99	2,606.36	2,820.73	3,167.19
1 1/4	126.20	376.61	626.85	877.00	1,127.37	1,377.73	1,628.10	1,878.47	2,128.84	2,379.21	2,610.82	2,825.19	3,167.56
1 1/2	131.41	381.83	632.05	882.21	1,132.58	1,382.95	1,633.32	1,883.69	2,134.05	2,384.42	2,615.29	2,829.66	3,167.93
3/4	136.63	387.05	637.25	887.43	1,137.80	1,388.17	1,638.53	1,888.90	2,139.27	2,389.64	2,619.76	2,834.12	3,168.30
8	141.85	392.26	642.46	892.65	1,143.01	1,393.38	1,643.75	1,894.12	2,144.49	2,394.85	2,624.22	2,838.59	3,168.67
1 1/4	147.06	397.48	647.66	897.86	1,148.23	1,398.60	1,648.97	1,899.33	2,149.70	2,400.07	2,628.69	2,843.06	3,169.04
1 1/2	152.28	402.70	652.87	903.08	1,153.45	1,403.81	1,654.18	1,904.55	2,154.92	2,405.29	2,633.15	2,847.52	3,169.41
3/4	157.50	407.91	658.07	908.29	1,158.66	1,409.03	1,659.40	1,909.77	2,160.13	2,410.50	2,637.62	2,851.99	3,169.78
9	162.72	413.13	663.27	913.51	1,163.88	1,414.25	1,664.61	1,914.98	2,165.35	2,415.72	2,642.09	2,856.45	3,170.15
1 1/4	167.93	418.35	668.48	918.73	1,169.09	1,419.46	1,669.83	1,920.20	2,170.57	2,420.93	2,646.55	2,860.92	3,170.52
1 1/2	173.15	423.57	673.68	923.94	1,174.31	1,424.68	1,675.05	1,925.41	2,175.78	2,426.15	2,651.02	2,865.39	3,170.89
3/4	178.37	428.78	678.89	929.16	1,179.53	1,429.89	1,680.26	1,930.63	2,181.00	2,431.37	2,655.48	2,869.85	3,171.26
10	183.58	434.00	684.09	934.37	1,184.74	1,435.11	1,685.48	1,935.85	2,186.21	2,436.58	2,659.95	2,874.32	3,171.63
1 1/4	188.80	439.22	689.29	939.59	1,189.96	1,440.33	1,690.69	1,941.06	2,191.43	2,441.80	2,664.42	2,878.78	3,172.00
1 1/2	194.02	444.43	694.50	944.81	1,195.17	1,445.54	1,695.91	1,946.28	2,196.65	2,447.01	2,668.88	2,883.25	3,172.37
3/4	199.23	449.65	699.70	950.02	1,200.39	1,450.76	1,701.13	1,951.49	2,201.86	2,452.23	2,673.35	2,887.72	3,172.74
11	204.45	454.87	704.91	955.24	1,205.61	1,455.97	1,706.34	1,956.71	2,207.08	2,457.45	2,677.81	2,892.18	3,173.11
1 1/4	209.67	460.08	710.11	960.45	1,210.82	1,461.19	1,711.56	1,961.93	2,212.29	2,462.66	2,682.28	2,896.65	3,173.48
1 1/2	214.89	465.30	715.31	965.67	1,216.04	1,466.41	1,716.77	1,967.14	2,217.51	2,467.88	2,686.75	2,901.11	3,173.85
3/4	220.10	470.52	720.52	970.89	1,221.25	1,471.62	1,721.99	1,972.36	2,222.73	2,473.09	2,691.21	2,905.58	3,174.22

*CAPACITY BELOW STRIKE PLATE.

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-10" (RIM OF STANDPIPE NEAR CENTER OF COMPARTMENT)

CALIBRATED: 4/12/80

BY *A. J. Johnson*

Chas. MARTIN Inspectors of Petroleum, Inc. INDEPENDENT LICENSED INSPECTION

BARGE "AS-117"

ARTHUR SMITH CORPORATION

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

ST. LOUIS SHIP HULL NO. 4605

TANK NUMBER: 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	249.65	249.85	800.56	1,076.27	1,351.99	1,627.70	1,903.41	2,179.12	2,454.83	2,730.55	3,006.26	3,281.97	3,556.25
1/4	2.20	255.39	530.59	1,082.02	1,357.73	1,633.44	1,909.15	2,184.87	2,460.58	2,736.29	3,012.00	3,287.71	3,561.51
1/2	3.23	261.14	536.47	1,087.56	1,363.47	1,639.19	1,914.90	2,190.61	2,466.32	2,742.03	3,017.75	3,293.46	3,565.82
3/4	4.27	265.88	542.08	1,093.51	1,369.22	1,644.93	1,920.64	2,196.35	2,472.07	2,747.78	3,023.49	3,299.20	3,570.13
1	7.39	272.63	547.83	1,099.25	1,374.96	1,650.67	1,926.39	2,202.10	2,477.81	2,753.52	3,029.23	3,304.95	3,574.44
1 1/4	10.51	278.37	553.57	1,104.99	1,380.71	1,656.42	1,932.13	2,207.84	2,483.55	2,759.27	3,034.98	3,310.69	3,578.75
1 1/2	13.63	284.11	559.31	1,110.74	1,386.45	1,662.16	1,937.87	2,213.59	2,489.30	2,765.01	3,040.72	3,316.43	3,582.10
1 3/4	16.76	289.86	565.06	1,116.48	1,392.19	1,667.91	1,943.62	2,219.33	2,495.04	2,770.75	3,046.47	3,322.18	3,585.45
2	21.71	295.60	570.80	1,122.23	1,397.94	1,673.65	1,949.36	2,225.07	2,500.79	2,776.50	3,052.21	3,327.92	3,588.80
2 1/4	26.66	301.35	576.55	1,127.97	1,403.68	1,679.39	1,955.11	2,230.82	2,506.53	2,782.24	3,057.95	3,333.67	3,592.15
2 1/2	31.61	307.09	582.29	1,133.71	1,409.43	1,685.14	1,960.85	2,236.56	2,512.27	2,787.99	3,063.70	3,339.41	3,594.54
2 3/4	37.34	312.83	588.03	1,139.46	1,415.17	1,690.88	1,966.59	2,242.31	2,518.02	2,793.73	3,069.44	3,345.15	3,596.94
3	43.08	318.58	593.78	1,145.20	1,420.91	1,696.63	1,972.34	2,248.05	2,523.76	2,799.47	3,075.19	3,350.90	3,599.33
3 1/4	48.81	324.32	599.52	1,150.95	1,426.66	1,702.37	1,978.08	2,253.79	2,529.51	2,805.22	3,080.93	3,356.64	3,601.72
3 1/2	54.54	330.07	605.27	1,156.69	1,432.40	1,708.11	1,983.83	2,259.54	2,535.25	2,810.96	3,086.67	3,362.39	3,603.16
3 3/4	60.28	335.81	611.01	1,162.43	1,438.15	1,713.86	1,989.57	2,265.28	2,540.99	2,816.71	3,092.42	3,368.13	3,604.60
4	66.01	341.54	616.75	1,168.18	1,443.89	1,719.60	1,995.31	2,271.03	2,546.74	2,822.45	3,098.16	3,373.87	3,606.03
4 1/4	71.75	347.27	622.50	1,173.92	1,449.63	1,725.35	2,001.06	2,276.77	2,552.48	2,828.19	3,103.91	3,379.62	3,607.47
4 1/2	77.48	352.99	628.24	1,179.67	1,455.38	1,731.09	2,006.80	2,282.51	2,558.23	2,833.94	3,109.65	3,385.36	3,608.02
4 3/4	83.21	358.72	633.99	1,185.41	1,461.12	1,736.83	2,012.55	2,288.26	2,563.97	2,839.68	3,115.39	3,391.11	3,608.56
5	88.95	364.45	639.73	1,191.15	1,466.87	1,742.58	2,018.29	2,294.00	2,569.71	2,845.43	3,121.14	3,396.85	3,609.11
5 1/4	94.68	370.18	645.47	1,196.90	1,472.61	1,748.32	2,024.03	2,299.75	2,575.46	2,851.17	3,126.88	3,402.59	3,609.65
5 1/2	100.42	375.91	651.22	1,202.64	1,478.35	1,754.07	2,029.78	2,305.49	2,581.20	2,856.91	3,132.63	3,408.34	3,610.19
5 3/4	106.15	381.63	656.96	1,208.39	1,484.10	1,759.81	2,035.52	2,311.23	2,586.95	2,862.65	3,138.37	3,414.08	3,610.73
6	111.88	387.36	662.71	1,214.13	1,489.84	1,765.55	2,041.27	2,316.98	2,592.69	2,868.40	3,144.11	3,419.83	3,611.27
6 1/4	117.62	393.09	668.45	1,219.87	1,495.59	1,771.30	2,047.01	2,322.72	2,598.43	2,874.15	3,149.86	3,425.57	3,611.81
6 1/2	123.35	398.82	674.19	1,225.62	1,501.33	1,777.04	2,052.75	2,328.47	2,604.18	2,879.89	3,155.60	3,431.31	3,612.35
6 3/4	129.09	404.55	679.94	1,231.36	1,507.07	1,782.79	2,058.50	2,334.21	2,609.92	2,885.63	3,161.35	3,437.05	3,612.89
7	134.82	410.27	685.68	1,237.11	1,512.82	1,788.53	2,064.24	2,339.95	2,615.67	2,891.38	3,167.09	3,442.80	3,613.43
7 1/4	140.55	416.00	691.43	1,242.85	1,518.56	1,794.27	2,069.99	2,345.70	2,621.41	2,897.12	3,172.83	3,448.55	3,613.97
7 1/2	146.29	421.73	697.17	1,248.59	1,524.31	1,800.02	2,075.73	2,351.44	2,627.15	2,902.87	3,178.58	3,454.29	3,614.51
7 3/4	152.02	427.46	702.91	1,254.34	1,530.05	1,805.76	2,081.47	2,357.19	2,632.90	2,908.61	3,184.32	3,460.03	3,615.05
8	157.76	433.19	708.66	1,260.08	1,535.79	1,811.51	2,087.22	2,362.93	2,638.64	2,914.35	3,190.07	3,465.78	3,615.59
8 1/4	163.49	438.91	714.40	1,265.83	1,541.54	1,817.25	2,092.96	2,368.67	2,644.39	2,920.10	3,195.81	3,471.52	3,616.13
8 1/2	169.23	444.64	720.15	1,271.57	1,547.28	1,822.99	2,098.71	2,374.42	2,650.13	2,925.84	3,201.55	3,477.27	3,616.67
8 3/4	174.98	450.37	725.89	1,277.31	1,553.03	1,828.74	2,104.45	2,380.16	2,655.87	2,931.59	3,207.30	3,483.01	3,617.21
9	180.72	456.10	731.63	1,283.06	1,558.77	1,834.48	2,110.19	2,385.91	2,661.62	2,937.33	3,213.04	3,488.75	3,617.75
9 1/4	186.47	461.83	737.38	1,288.80	1,564.51	1,840.23	2,115.94	2,391.65	2,667.36	2,943.07	3,218.79	3,494.50	3,618.29
9 1/2	192.21	467.55	743.12	1,294.55	1,570.26	1,845.97	2,121.68	2,397.39	2,673.11	2,948.82	3,224.53	3,500.24	3,618.83
9 3/4	197.95	473.28	748.87	1,300.29	1,576.00	1,851.71	2,127.43	2,403.14	2,678.85	2,954.56	3,230.27	3,505.99	3,619.37
10	203.70	479.01	754.61	1,306.03	1,581.75	1,857.46	2,133.17	2,408.88	2,684.59	2,960.31	3,236.02	3,511.73	3,619.91
10 1/4	209.44	484.74	760.35	1,311.78	1,587.49	1,863.20	2,138.91	2,414.63	2,690.34	2,966.05	3,241.76	3,517.47	3,620.45
10 1/2	215.19	490.47	766.10	1,317.52	1,593.23	1,868.95	2,144.66	2,420.37	2,696.08	2,971.79	3,247.51	3,523.22	3,621.00
10 3/4	220.93	496.19	771.84	1,323.27	1,598.98	1,874.69	2,150.40	2,426.11	2,701.83	2,977.54	3,253.25	3,528.96	3,621.54
11	226.67	501.92	777.59	1,329.01	1,604.72	1,880.43	2,156.15	2,431.86	2,707.57	2,983.28	3,258.99	3,534.71	3,622.08
11 1/4	232.42	507.65	783.33	1,334.75	1,610.47	1,886.18	2,161.89	2,437.60	2,713.31	2,989.03	3,264.74	3,540.45	3,622.62
11 1/2	238.16	513.38	789.07	1,340.50	1,616.21	1,891.92	2,167.63	2,443.35	2,719.06	2,994.77	3,270.48	3,545.72	3,623.16
11 3/4	243.91	519.11	794.82	1,346.24	1,621.95	1,897.67	2,173.38	2,449.09	2,724.80	3,000.51	3,276.23	3,550.98	3,623.70

CAPACITY IN: 42-GALLON BARRELS

*CAPACITY BELOW STRIKE PLATE. GAUGE HEIGHT: 15"-10 1/4" (RIM OF STANDPIPE NEAR CENTER OF COMPARTMENT)

CALIBRATED: 4/12/80

BY: *[Signature]*

Chas. MARTIN Inspectors of Petroleum, Inc. INDEPENDENT LICENSED INSPECTION

BARGE "AS-117"

ARTHUR SMITH CORPORATION

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

ST. LOUIS SHIP HULL NO. 4605

TANK NUMBER: 3

0	FEET	IN.	0	1.08	* 228.72	0	480.84	0	733.42	0	986.00	0	1,238.57	0	1,491.15	0	1,743.72	0	1,996.30	0	2,248.88	0	2,501.45	0	2,754.03	0	3,006.60	0	3,257.87
1	FEET	IN.	1	6.78	249.76	1	501.89	1	754.47	1	1,007.04	1	1,259.62	1	1,512.20	1	1,764.77	1	2,017.35	1	2,269.92	1	2,522.50	1	2,775.08	1	3,027.65	1	3,274.54
2	FEET	IN.	2	13.56	270.81	2	522.94	2	775.52	2	1,028.09	2	1,280.67	2	1,533.24	2	1,785.82	2	2,038.40	2	2,290.97	2	2,543.55	2	2,796.12	2	3,048.70	2	3,287.69
3	FEET	IN.	3	20.34	270.81	3	543.99	3	796.56	3	1,049.14	3	1,301.72	3	1,554.29	3	1,806.87	3	2,059.44	3	2,312.02	3	2,564.60	3	2,817.17	3	3,069.75	3	3,297.33
4	FEET	IN.	4	27.12	291.86	4	543.99	4	796.56	4	1,049.14	4	1,301.72	4	1,554.29	4	1,806.87	4	2,059.44	4	2,312.02	4	2,564.60	4	2,817.17	4	3,069.75	4	3,297.33
5	FEET	IN.	5	33.90	291.86	5	543.99	5	796.56	5	1,049.14	5	1,301.72	5	1,554.29	5	1,806.87	5	2,059.44	5	2,312.02	5	2,564.60	5	2,817.17	5	3,069.75	5	3,297.33
6	FEET	IN.	6	40.68	291.86	6	543.99	6	796.56	6	1,049.14	6	1,301.72	6	1,554.29	6	1,806.87	6	2,059.44	6	2,312.02	6	2,564.60	6	2,817.17	6	3,069.75	6	3,297.33
7	FEET	IN.	7	47.46	291.86	7	543.99	7	796.56	7	1,049.14	7	1,301.72	7	1,554.29	7	1,806.87	7	2,059.44	7	2,312.02	7	2,564.60	7	2,817.17	7	3,069.75	7	3,297.33
8	FEET	IN.	8	54.24	291.86	8	543.99	8	796.56	8	1,049.14	8	1,301.72	8	1,554.29	8	1,806.87	8	2,059.44	8	2,312.02	8	2,564.60	8	2,817.17	8	3,069.75	8	3,297.33
9	FEET	IN.	9	61.02	291.86	9	543.99	9	796.56	9	1,049.14	9	1,301.72	9	1,554.29	9	1,806.87	9	2,059.44	9	2,312.02	9	2,564.60	9	2,817.17	9	3,069.75	9	3,297.33
10	FEET	IN.	10	67.80	291.86	10	543.99	10	796.56	10	1,049.14	10	1,301.72	10	1,554.29	10	1,806.87	10	2,059.44	10	2,312.02	10	2,564.60	10	2,817.17	10	3,069.75	10	3,297.33
11	FEET	IN.	11	74.58	291.86	11	543.99	11	796.56	11	1,049.14	11	1,301.72	11	1,554.29	11	1,806.87	11	2,059.44	11	2,312.02	11	2,564.60	11	2,817.17	11	3,069.75	11	3,297.33
12	FEET	IN.	12	81.36	291.86	12	543.99	12	796.56	12	1,049.14	12	1,301.72	12	1,554.29	12	1,806.87	12	2,059.44	12	2,312.02	12	2,564.60	12	2,817.17	12	3,069.75	12	3,297.33
13	FEET	IN.	13	88.14	291.86	13	543.99	13	796.56	13	1,049.14	13	1,301.72	13	1,554.29	13	1,806.87	13	2,059.44	13	2,312.02	13	2,564.60	13	2,817.17	13	3,069.75	13	3,297.33

CAPACITY IN: 42-GALLON BARRELS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-10" (RIM OF STANDPIPE NEAR CENTER OF COMPARTMENT)

4/12/80 CALIBRATED:

W. J. ...