

10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET		FEET		FEET		FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	2,054.96	0	1,656.26	0	1,274.89	0	917.65	0	593.97	0	316.40	0	101.37	0		0		0	
1/4	2,046.52	1/4	1,648.09	1/4	1,267.16	1/4	910.50	1/4	587.62	1/4	311.16	1/4	97.75	1/4		1/4		1/4	
1/2	2,038.08	1/2	1,639.92	1/2	1,259.42	1/2	903.34	1/2	581.26	1/2	305.92	1/2	94.12	1/2		1/2		1/2	
3/4	2,029.67	3/4	1,631.81	3/4	1,251.76	3/4	896.30	3/4	575.06	3/4	300.86	3/4	90.68	3/4		3/4		3/4	
1	2,021.27	1	1,623.70	1	1,244.10	1	889.26	1	568.86	1	295.81	1	87.24	1		1		1	
1/4	2,012.86	1/4	1,615.58	1/4	1,236.44	1/4	882.22	1/4	562.66	1/4	290.75	1/4	83.80	1/4		1/4		1/4	
1/2	2,004.45	1/2	1,607.47	1/2	1,228.77	1/2	875.18	1/2	556.46	1/2	285.69	1/2	80.36	1/2		1/2		1/2	
3/4	1,996.05	3/4	1,599.36	3/4	1,221.11	3/4	868.14	3/4	550.26	3/4	280.64	3/4	77.11	3/4		3/4		3/4	
2	1,987.64	2	1,591.25	2	1,213.45	2	861.10	2	544.06	2	275.58	2	73.86	2		2		2	
1/4	1,979.23	1/4	1,583.14	1/4	1,205.78	1/4	854.06	1/4	537.86	1/4	270.52	1/4	70.61	1/4		1/4		1/4	
1/2	1,970.83	1/2	1,575.03	1/2	1,198.12	1/2	847.02	1/2	531.65	1/2	265.47	1/2	67.35	1/2		1/2		1/2	
3/4	1,962.46	3/4	1,566.98	3/4	1,190.55	3/4	840.10	3/4	525.62	3/4	260.64	3/4	64.30	3/4		3/4		3/4	
3	1,954.09	3	1,558.94	3	1,182.98	3	833.19	3	519.59	3	255.81	3	61.24	3		3		3	
1/4	1,945.72	1/4	1,550.89	1/4	1,175.41	1/4	826.27	1/4	513.55	1/4	250.98	1/4	58.19	1/4		1/4		1/4	
1/2	1,937.36	1/2	1,542.84	1/2	1,167.84	1/2	819.36	1/2	507.52	1/2	246.15	1/2	55.13	1/2		1/2		1/2	
3/4	1,928.99	3/4	1,534.80	3/4	1,160.27	3/4	812.44	3/4	501.49	3/4	241.32	3/4	52.29	3/4		3/4		3/4	
4	1,920.62	4	1,526.75	4	1,152.69	4	805.52	4	495.45	4	236.50	4	49.44	4		4		4	
1/4	1,912.25	1/4	1,518.71	1/4	1,145.12	1/4	798.61	1/4	489.42	1/4	231.67	1/4	46.60	1/4		1/4		1/4	
1/2	1,903.89	1/2	1,510.66	1/2	1,137.55	1/2	791.69	1/2	483.38	1/2	226.84	1/2	43.76	1/2		1/2		1/2	
3/4	1,895.56	3/4	1,502.68	3/4	1,130.08	3/4	784.91	3/4	477.52	3/4	222.26	3/4	41.14	3/4		3/4		3/4	
5	1,887.24	5	1,494.70	5	1,122.60	5	778.12	5	471.66	5	217.69	5	38.53	5		5		5	
1/4	1,878.91	1/4	1,486.72	1/4	1,115.12	1/4	771.33	1/4	465.80	1/4	213.11	1/4	35.91	1/4		1/4		1/4	
1/2	1,870.59	1/2	1,478.74	1/2	1,107.65	1/2	764.55	1/2	459.94	1/2	208.54	1/2	33.30	1/2		1/2		1/2	
3/4	1,862.27	3/4	1,470.76	3/4	1,100.17	3/4	757.76	3/4	454.08	3/4	203.96	3/4	30.92	3/4		3/4		3/4	
6	1,853.94	6	1,462.79	6	1,092.70	6	750.97	6	448.22	6	199.39	6	28.54	6		6		6	
1/4	1,845.62	1/4	1,454.81	1/4	1,085.22	1/4	744.18	1/4	442.36	1/4	194.81	1/4	26.16	1/4		1/4		1/4	
1/2	1,837.30	1/2	1,446.83	1/2	1,077.75	1/2	737.40	1/2	436.50	1/2	190.24	1/2	23.78	1/2		1/2		1/2	
3/4	1,829.02	3/4	1,438.93	3/4	1,070.37	3/4	730.75	3/4	430.86	3/4	185.94	3/4	21.70	3/4		3/4		3/4	
7	1,820.74	7	1,431.04	7	1,063.00	7	724.09	7	425.22	7	181.65	7	19.62	7		7		7	
1/4	1,812.47	1/4	1,423.15	1/4	1,055.62	1/4	717.44	1/4	419.59	1/4	177.36	1/4	17.54	1/4		1/4		1/4	
1/2	1,804.19	1/2	1,415.25	1/2	1,048.25	1/2	710.79	1/2	413.95	1/2	173.06	1/2	15.46	1/2		1/2		1/2	
3/4	1,795.91	3/4	1,407.36	3/4	1,040.87	3/4	704.14	3/4	408.31	3/4	168.77	3/4	13.69	3/4		3/4		3/4	
8	1,787.64	8	1,399.47	8	1,033.50	8	697.49	8	402.67	8	164.47	8	11.92	8		8		8	
1/4	1,779.36	1/4	1,391.57	1/4	1,026.12	1/4	690.84	1/4	397.03	1/4	160.18	1/4	10.15	1/4		1/4		1/4	
1/2	1,771.08	1/2	1,383.68	1/2	1,018.75	1/2	684.19	1/2	391.39	1/2	155.88	1/2	8.38	1/2		1/2		1/2	
3/4	1,762.86	3/4	1,375.88	3/4	1,011.48	3/4	677.68	3/4	385.95	3/4	151.86	3/4	7.03	3/4		3/4		3/4	
9	1,754.63	9	1,368.08	9	1,004.21	9	671.17	9	380.50	9	147.85	9	5.68	9		9		9	
1/4	1,746.41	1/4	1,360.29	1/4	996.94	1/4	664.66	1/4	375.05	1/4	143.83	1/4	4.34	1/4		1/4		1/4	
1/2	1,738.18	1/2	1,352.49	1/2	989.67	1/2	658.15	1/2	369.61	1/2	139.81	1/2	2.99	1/2		1/2		1/2	
3/4	1,729.96	3/4	1,344.69	3/4	982.40	3/4	651.64	3/4	364.16	3/4	135.79	3/4	2.24	3/4		3/4		3/4	
10	1,721.73	10	1,336.90	10	975.14	10	645.14	10	358.72	10	131.77	10	1.49	10		10		10	
1/4	1,713.50	1/4	1,329.10	1/4	967.87	1/4	638.63	1/4	353.27	1/4	127.76	1/4	.74	1/4		1/4		1/4	
1/2	1,705.28	1/2	1,321.30	1/2	960.60	1/2	632.12	1/2	347.83	1/2	123.74	1/2	.00	1/2		1/2		1/2	
3/4	1,697.11	3/4	1,313.57	3/4	953.44	3/4	625.76	3/4	342.59	3/4	119.96	3/4		3/4		3/4		3/4	
11	1,688.94	11	1,305.83	11	946.28	11	619.40	11	337.35	11	116.18	11		11		11		11	
1/4	1,680.77	1/4	1,298.10	1/4	939.13	1/4	613.05	1/4	332.11	1/4	112.41	1/4		1/4		1/4		1/4	
1/2	1,672.60	1/2	1,290.36	1/2	931.97	1/2	606.69	1/2	326.87	1/2	108.63	1/2		1/2		1/2		1/2	
3/4	1,664.43	3/4	1,282.63	3/4	924.81	3/4	600.33	3/4	321.63	3/4	105.00	3/4		3/4		3/4		3/4	

CAPACITY IN 42-GALLON BARRELS

STRAPPED DECEMBER 21, 1971

OUTGAGE TABLE SCALED FROM
INSIDE TOP OF SHELL.

BY *H. C. Rainton*
DEPUTY INSPECTOR OF PETROLEUM
APPROVED BY NEW YORK PRODUCE EXCHANGE

BARGE "CREEK"
WARREN PETROLEUM CORPORATION

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

STAR.
BUTANE

10 FEET			11 FEET			12 FEET			13 FEET			14 FEET			15 FEET			16 FEET		
IN.			IN.			IN.			IN.			IN.			IN.			IN.		
0	2,056.08		0	1,657.23		0	1,275.54		0	918.15		0	594.35		0	316.67		0	101.53	
¼	2,047.63		¼	1,649.06		¼	1,267.79		¼	910.99		¼	587.99		¼	311.43		¼	97.90	
½	2,039.19		½	1,640.88		½	1,260.04		½	903.83		½	581.63		½	306.19		½	94.27	
¾	2,030.78		¾	1,632.77		¾	1,252.37		¾	896.78		¾	575.43		¾	301.14		¾	90.83	
1	2,022.37		1	1,624.66		1	1,244.70		1	889.74		1	569.23		1	296.08		1	87.35	
¼	2,013.96		¼	1,616.54		¼	1,237.04		¼	882.70		¼	563.03		¼	291.02		¼	83.95	
½	2,005.55		½	1,608.43		½	1,229.37		½	875.66		½	556.82		½	285.96		½	80.51	
¾	1,997.14		¾	1,600.32		¾	1,221.71		¾	868.61		¾	550.62		¾	280.90		¾	77.24	
2	1,988.73		2	1,592.20		2	1,214.04		2	861.57		2	544.42		2	275.84		2	73.97	
¼	1,980.32		¼	1,584.09		¼	1,206.38		¼	854.53		¼	538.21		¼	270.79		¼	70.70	
½	1,971.91		½	1,575.97		½	1,198.71		½	847.49		½	532.01		½	265.73		½	67.43	
¾	1,963.54		¾	1,567.92		¾	1,191.14		¾	840.57		¾	525.98		¾	260.91		¾	64.38	
3	1,955.17		3	1,559.88		3	1,183.57		3	833.65		3	519.94		3	256.08		3	61.32	
¼	1,946.80		¼	1,551.83		¼	1,175.99		¼	826.73		¼	513.90		¼	251.26		¼	58.26	
½	1,938.43		½	1,543.78		½	1,168.42		½	819.81		½	507.87		½	246.44		½	55.21	
¾	1,930.06		¾	1,535.73		¾	1,160.84		¾	812.90		¾	501.83		¾	241.62		¾	52.35	
4	1,921.69		4	1,527.68		4	1,153.27		4	805.98		4	495.79		4	236.79		4	49.49	
¼	1,913.31		¼	1,519.63		¼	1,145.70		¼	799.06		¼	489.76		¼	231.97		¼	46.63	
½	1,904.94		½	1,511.58		½	1,138.12		½	792.14		½	483.72		½	227.15		½	43.77	
¾	1,896.62		¾	1,503.60		¾	1,130.64		¾	785.35		¾	477.86		¾	222.57		¾	41.16	
5	1,888.29		5	1,495.62		5	1,123.16		5	778.56		5	472.00		5	218.00		5	38.54	
¼	1,879.96		¼	1,487.64		¼	1,115.69		¼	771.77		¼	466.14		¼	213.42		¼	35.93	
½	1,871.64		½	1,479.65		½	1,108.21		½	764.98		½	460.27		½	208.84		½	33.31	
¾	1,863.31		¾	1,471.67		¾	1,100.73		¾	758.19		¾	454.41		¾	204.27		¾	30.93	
6	1,854.98		6	1,463.69		6	1,093.25		6	751.40		6	448.55		6	199.69		6	28.55	
¼	1,846.66		¼	1,455.71		¼	1,085.77		¼	744.62		¼	442.69		¼	195.11		¼	26.17	
½	1,838.33		½	1,447.73		½	1,078.30		½	737.83		½	436.82		½	190.54		½	23.79	
¾	1,830.05		¾	1,439.82		¾	1,070.92		¾	731.17		¾	431.18		¾	186.23		¾	21.71	
7	1,821.77		7	1,431.91		7	1,063.54		7	724.52		7	425.54		7	181.92		7	19.63	
¼	1,813.49		¼	1,424.00		¼	1,056.16		¼	717.87		¼	419.90		¼	177.61		¼	17.54	
½	1,805.21		½	1,416.09		½	1,048.79		½	711.21		½	414.26		½	173.30		½	15.46	
¾	1,796.93		¾	1,408.18		¾	1,041.41		¾	704.56		¾	408.62		¾	168.99		¾	13.69	
8	1,788.66		8	1,400.27		8	1,034.03		8	697.90		8	402.98		8	164.68		8	11.92	
¼	1,780.38		¼	1,392.36		¼	1,026.65		¼	691.25		¼	397.34		¼	160.37		¼	10.15	
½	1,772.10		½	1,384.45		½	1,019.27		½	684.60		½	391.70		½	156.06		½	8.38	
¾	1,763.87		¾	1,376.65		¾	1,012.00		¾	678.09		¾	386.25		¾	152.04		¾	7.03	
9	1,755.64		9	1,368.85		9	1,004.73		9	671.58		9	380.80		9	148.02		9	5.68	
¼	1,747.41		¼	1,361.05		¼	997.46		¼	665.06		¼	375.35		¼	144.00		¼	4.34	
½	1,739.18		½	1,353.25		½	990.19		½	658.55		½	369.91		½	139.98		½	2.99	
¾	1,730.95		¾	1,345.45		¾	982.92		¾	652.04		¾	364.46		¾	135.96		¾	2.24	
10	1,722.73		10	1,337.65		10	975.65		10	645.53		10	359.01		10	131.94		10	1.49	
¼	1,714.50		¼	1,329.85		¼	968.38		¼	639.02		¼	353.56		¼	127.92		¼	.74	
½	1,706.27		½	1,322.05		½	961.11		½	632.51		½	348.12		½	123.90		½	.00	
¾	1,698.10		¾	1,314.29		¾	953.95		¾	626.15		¾	342.88		¾	120.12		¾		
11	1,689.92		11	1,306.54		11	946.79		11	619.79		11	337.64		11	116.34		11		
¼	1,681.75		¼	1,298.79		¼	939.63		¼	613.43		¼	332.40		¼	112.57		¼		
½	1,673.58		½	1,291.04		½	932.47		½	607.07		½	327.16		½	108.79		½		
¾	1,665.40		¾	1,283.29		¾	925.31		¾	600.71		¾	321.91		¾	105.16		¾		

CAPACITY IN 42-GALLON BARRELS

STRAPPED DECEMBER 21, 1971

OUTAGE TABLE SCALED FROM
INSIDE TOP OF SHELL.

BY: J.C. Panton
DEPUTY INSPECTOR OF PETROLEUM
APPROVED BY NEW YORK PRODUCE EXCHANGE