



BARGE "MPC-638"

MARATHON PETROLEUM CORP.

HULL NO. 2169-11

CORRECTION TABLE FOR TRIM AFT.			
FOR OUTAGE GAUGES ONLY			
TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 0 1/8"	(+) 0' - 0 1/8"	NIL
1'-0"	(+) 0' - 0 1/4"	(+) 0' - 0 1/4"	NIL
1'-6"	(+) 0' - 0 3/8"	(+) 0' - 0 3/8"	NIL
2'-0"	(+) 0' - 0 1/2"	(+) 0' - 0 1/2"	NIL
2'-6"	(+) 0' - 0 5/8"	(+) 0' - 0 5/8"	NIL
3'-0"	(+) 0' - 0 3/4"	(+) 0' - 0 3/4"	NIL
3'-6"	(+) 0' - 1"	(+) 0' - 1"	NIL
4'-0"	(+) 0' - 1 1/8"	(+) 0' - 1 1/8"	NIL
4'-6"	(+) 0' - 1 1/4"	(+) 0' - 1 1/4"	NIL
5'-0"	(+) 0' - 1 3/8"	(+) 0' - 1 3/8"	NIL

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED,
TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "INNAGE" GAUGES, REVERSE SIGNS.

DATE: 6/18/08 BY: 

INSPECTORATE AMERICA CORPORATION



INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-638"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

1 PORT OR STAR

HULL NO. 2169-11

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

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.
0	5,103.59	4,834.66	4,476.01	4,117.35	3,758.70	3,400.04	3,041.38	2,682.73	2,324.07	1,965.42	1,606.76	1,248.10	889.45	530.79	170.13	0
1/4	5,102.97	4,832.19	4,474.54	4,115.88	3,757.22	3,398.57	3,039.91	2,681.26	2,322.60	1,963.94	1,605.28	1,246.63	887.88	528.92	168.26	187.56
1/2	5,102.35	4,831.72	4,474.07	4,115.41	3,756.75	3,398.10	3,039.44	2,680.79	2,322.13	1,963.47	1,604.81	1,246.16	887.41	528.45	167.79	187.00
3/4	5,101.73	4,831.25	4,473.60	4,114.94	3,756.28	3,397.63	3,038.97	2,680.32	2,321.66	1,963.00	1,604.34	1,245.69	886.94	527.98	167.32	186.53
1	5,101.10	4,830.78	4,473.13	4,114.47	3,755.81	3,397.16	3,038.50	2,679.85	2,321.19	1,962.53	1,603.87	1,245.22	886.47	527.51	166.85	186.06
1/4	5,099.24	4,828.92	4,471.27	4,112.61	3,753.95	3,395.30	3,036.64	2,678.00	2,319.33	1,960.67	1,602.01	1,243.37	884.62	525.66	164.90	184.21
1/2	5,097.37	4,826.05	4,469.40	4,110.74	3,752.08	3,393.43	3,034.77	2,676.13	2,317.46	1,958.80	1,600.14	1,241.50	882.75	523.79	163.03	182.34
3/4	5,095.50	4,824.18	4,467.53	4,108.87	3,750.21	3,391.56	3,032.90	2,674.26	2,315.59	1,956.93	1,598.27	1,239.63	880.88	521.92	161.16	180.47
2	5,093.64	4,822.32	4,465.67	4,107.01	3,748.35	3,389.70	3,031.04	2,672.40	2,313.72	1,955.07	1,596.41	1,237.76	879.02	520.06	159.29	178.60
1/4	5,091.77	4,820.45	4,463.80	4,105.14	3,746.48	3,387.83	3,029.17	2,670.53	2,311.85	1,953.20	1,594.54	1,235.89	877.15	518.19	157.42	176.73
1/2	5,089.90	4,818.58	4,461.93	4,103.27	3,744.61	3,385.96	3,027.30	2,668.66	2,310.00	1,951.33	1,592.67	1,234.02	875.28	516.32	155.55	174.86
3/4	5,088.04	4,816.71	4,460.06	4,101.40	3,742.74	3,384.09	3,025.43	2,666.79	2,308.13	1,949.46	1,590.80	1,232.15	873.41	514.45	153.68	172.99
3	5,086.17	4,814.84	4,458.19	4,099.53	3,740.87	3,382.22	3,023.56	2,664.92	2,306.26	1,947.59	1,588.93	1,230.28	871.54	512.58	151.81	171.12
1/4	5,084.30	4,812.97	4,456.32	4,097.66	3,739.00	3,380.35	3,021.69	2,663.05	2,304.39	1,945.72	1,587.06	1,228.41	869.67	510.71	149.94	169.25
1/2	5,082.44	4,811.10	4,454.45	4,095.79	3,737.13	3,378.48	3,019.82	2,661.18	2,302.52	1,943.85	1,585.19	1,226.54	867.80	508.84	148.07	167.38
3/4	5,080.57	4,809.23	4,452.58	4,093.92	3,735.26	3,376.61	3,017.95	2,659.31	2,300.65	1,941.98	1,583.32	1,224.67	865.93	506.97	146.20	165.51
4	5,078.70	4,807.36	4,450.71	4,092.05	3,733.39	3,374.74	3,016.08	2,657.44	2,298.78	1,940.11	1,581.45	1,222.80	864.06	505.10	144.33	163.64
1/4	5,076.84	4,805.49	4,448.84	4,090.18	3,731.52	3,372.87	3,014.21	2,655.57	2,296.91	1,938.24	1,579.58	1,220.93	862.19	503.23	142.46	161.77
1/2	5,074.97	4,803.62	4,446.97	4,088.31	3,729.65	3,371.00	3,012.34	2,653.70	2,295.04	1,936.37	1,577.71	1,219.06	860.32	501.36	140.59	159.90
3/4	5,073.10	4,801.75	4,445.10	4,086.44	3,727.78	3,369.13	3,010.47	2,651.83	2,293.17	1,934.50	1,575.84	1,217.19	858.45	499.49	138.72	158.03
5	5,071.24	4,800.00	4,443.35	4,084.69	3,726.03	3,367.38	3,008.72	2,650.08	2,291.42	1,932.75	1,574.09	1,215.44	856.70	497.74	136.97	156.28
1/4	5,069.37	4,798.13	4,441.48	4,082.82	3,724.16	3,365.51	3,006.85	2,648.21	2,289.55	1,930.88	1,572.22	1,213.57	854.83	495.87	135.10	154.41
1/2	5,067.50	4,796.26	4,439.61	4,080.95	3,722.29	3,363.64	3,004.98	2,646.34	2,287.68	1,929.01	1,570.35	1,211.70	852.96	494.00	133.23	152.54
3/4	5,065.63	4,794.39	4,437.74	4,079.08	3,720.42	3,361.77	3,003.11	2,644.47	2,285.81	1,927.14	1,568.48	1,209.83	851.09	492.13	131.36	150.67
6	5,063.77	4,792.53	4,435.88	4,077.22	3,718.56	3,359.91	3,001.25	2,642.61	2,283.95	1,925.28	1,566.62	1,207.96	849.22	490.26	129.49	148.80
1/4	5,061.90	4,790.66	4,434.01	4,075.35	3,716.69	3,358.04	3,000.00	2,640.74	2,282.08	1,923.41	1,564.75	1,206.09	847.35	488.39	127.62	146.93
1/2	5,059.99	4,788.75	4,432.10	4,073.44	3,714.78	3,356.13	2,998.13	2,638.83	2,280.17	1,921.50	1,562.84	1,204.18	845.44	486.48	125.75	145.06
3/4	5,058.08	4,786.84	4,430.19	4,071.53	3,712.87	3,354.22	2,996.26	2,636.92	2,278.26	1,919.59	1,560.93	1,202.27	843.53	484.57	123.88	143.19
7	5,056.17	4,784.93	4,428.28	4,069.62	3,710.96	3,352.31	2,994.39	2,635.01	2,276.35	1,917.68	1,559.02	1,200.36	841.62	482.66	122.01	141.32
1/4	5,054.26	4,783.02	4,426.37	4,067.71	3,709.05	3,350.40	2,992.52	2,633.10	2,274.44	1,915.77	1,557.11	1,198.45	839.71	480.75	120.14	139.45
1/2	5,052.35	4,781.11	4,424.46	4,065.80	3,707.14	3,348.49	2,990.65	2,631.19	2,272.53	1,913.86	1,555.20	1,196.54	837.80	478.84	118.27	137.58
3/4	5,050.44	4,779.20	4,422.55	4,063.89	3,705.23	3,346.58	2,988.78	2,629.28	2,270.62	1,911.95	1,553.29	1,194.63	835.89	476.93	116.40	135.71
8	5,048.53	4,777.29	4,420.64	4,061.98	3,703.32	3,344.67	2,986.91	2,627.37	2,268.71	1,910.04	1,551.38	1,192.72	833.98	475.02	114.53	133.84
1/4	5,046.62	4,775.38	4,418.73	4,060.07	3,701.41	3,342.76	2,985.04	2,625.46	2,266.80	1,908.13	1,549.47	1,190.81	832.07	473.11	112.66	131.97
1/2	5,044.71	4,773.47	4,416.82	4,058.16	3,699.50	3,340.85	2,983.17	2,623.55	2,264.89	1,906.22	1,547.56	1,188.90	830.16	471.20	110.79	130.10
3/4	5,042.80	4,771.56	4,414.91	4,056.25	3,697.59	3,338.94	2,981.30	2,621.64	2,262.98	1,904.31	1,545.65	1,186.99	828.25	469.29	108.92	128.23
9	5,040.89	4,769.65	4,413.00	4,054.34	3,695.68	3,337.03	2,979.43	2,619.73	2,261.07	1,902.40	1,543.74	1,185.08	826.34	467.38	107.05	126.36
1/4	5,038.98	4,767.74	4,411.09	4,052.43	3,693.77	3,335.12	2,977.56	2,617.82	2,259.16	1,900.49	1,541.83	1,183.17	824.43	465.47	105.18	124.49
1/2	5,037.07	4,765.83	4,409.18	4,050.52	3,691.86	3,333.21	2,975.69	2,615.91	2,257.25	1,898.58	1,539.92	1,181.26	822.52	463.56	103.31	122.62
3/4	5,035.16	4,763.92	4,407.27	4,048.61	3,689.95	3,331.30	2,973.82	2,614.00	2,255.34	1,896.67	1,538.01	1,179.35	820.61	461.65	101.44	120.75
10	5,033.25	4,762.01	4,405.36	4,046.70	3,688.04	3,329.39	2,971.95	2,612.09	2,253.43	1,894.76	1,536.10	1,177.44	818.70	459.74	99.57	118.88
1/4	5,031.34	4,760.10	4,403.45	4,044.79	3,686.13	3,327.48	2,970.08	2,610.18	2,251.52	1,892.85	1,534.19	1,175.53	816.79	457.83	97.70	117.01
1/2	5,029.43	4,758.19	4,401.54	4,042.88	3,684.22	3,325.57	2,968.21	2,608.27	2,249.61	1,890.94	1,532.28	1,173.62	814.88	455.92	95.83	115.14
3/4	5,027.52	4,756.28	4,399.63	4,040.97	3,682.31	3,323.66	2,966.34	2,606.36	2,247.70	1,889.03	1,530.37	1,171.71	812.97	454.01	93.96	113.27
11	5,025.61	4,754.37	4,397.72	4,039.06	3,680.40	3,321.75	2,964.47	2,604.45	2,245.79	1,887.12	1,528.46	1,169.80	811.06	452.10	92.09	111.40
1/4	5,023.70	4,752.46	4,395.81	4,037.15	3,678.49	3,319.84	2,962.60	2,602.54	2,243.88	1,885.21	1,526.55	1,167.89	809.15	450.19	90.22	109.53
1/2	5,021.79	4,750.55	4,393.90	4,035.24	3,676.58	3,317.93	2,960.73	2,600.63	2,241.97	1,883.30	1,524.64	1,165.98	807.24	448.28	88.35	107.66
3/4	5,020.84	4,748.64	4,392.00	4,033.33	3,674.67	3,316.02	2,958.86	2,598.72	2,240.06	1,881.39	1,522.73	1,164.07	805.33	446.37	86.48	105.79
12	5,018.93	4,746.73	4,390.09	4,031.42	3,672.76	3,314.11	2,956.99	2,596.81.								

HULL NO 2169-11

3/4	3/4	4,053.10	3/4
CARACITIFF GIVEN IN RABBEI S OE 42 U S C 1015			

REFERENCE GAUGE HEIGHT: 15'-7" (TO RIM OF 2" DIAMETER BALL VALVE)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION



INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-638"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

2 STAR

HULL NO. 2169-11																
BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																
IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.
0	0	5,156.26	4,872.67	4,512.86	4,153.06	3,793.25	3,433.44	3,073.63	2,713.82	2,354.02	1,994.21	1,634.40	1,274.59	914.78	554.98	195.17
1/4	1/4	5,155.63	4,866.18	4,506.37	4,146.56	3,786.75	3,426.94	3,066.14	2,706.33	2,346.52	1,986.71	1,626.90	1,266.09	907.29	547.48	187.67
1/2	1/2	5,155.01	4,857.68	4,497.87	4,138.06	3,778.26	3,418.45	3,058.64	2,698.83	2,339.02	1,979.22	1,619.41	1,256.30	899.79	539.98	180.18
3/4	3/4	5,153.13	4,850.18	4,490.38	4,130.57	3,770.76	3,410.95	3,051.14	2,691.34	2,331.53	1,971.72	1,611.91	1,252.10	892.30	532.48	172.68
1	1	5,151.26	4,842.69	4,482.88	4,123.07	3,762.95	3,403.14	3,043.35	2,683.54	2,323.03	1,963.91	1,604.42	1,244.61	884.80	524.99	165.18
1/4	1/4	5,149.39	4,835.19	4,475.38	4,115.58	3,755.14	3,395.36	3,036.15	2,673.74	2,316.54	1,956.73	1,596.92	1,233.61	877.30	517.00	167.69
1/2	1/2	5,147.52	4,827.70	4,467.89	4,108.08	3,747.27	3,388.46	3,028.66	2,668.85	2,309.04	1,949.23	1,589.42	1,229.62	869.81	510.00	160.19
3/4	3/4	5,144.39	4,820.20	4,460.39	4,100.58	3,740.78	3,380.97	3,021.16	2,661.35	2,291.54	1,941.74	1,581.93	1,224.12	862.31	502.60	142.70
2	2	5,141.27	4,812.70	4,452.90	4,093.09	3,732.28	3,373.47	3,013.66	2,653.86	2,284.05	1,934.24	1,574.43	1,214.62	854.82	495.01	135.20
1/4	1/4	5,138.14	4,805.21	4,445.40	4,085.59	3,725.78	3,365.98	3,006.17	2,646.36	2,286.55	1,926.74	1,566.94	1,207.13	847.32	487.51	127.70
1/2	1/2	5,135.02	4,797.71	4,437.90	4,078.10	3,717.29	3,358.48	2,998.67	2,638.86	2,279.06	1,919.25	1,559.44	1,199.63	839.82	480.02	120.21
3/4	3/4	5,130.85	4,790.22	4,430.41	4,070.60	3,710.79	3,350.98	2,991.18	2,631.37	2,271.06	1,911.76	1,551.94	1,191.74	832.33	472.52	112.71
3	3	5,126.28	4,782.72	4,422.91	4,063.10	3,703.30	3,343.49	3,003.68	2,623.87	2,264.06	1,904.26	1,544.45	1,184.64	824.83	465.02	105.22
1/4	1/4	5,121.90	4,775.23	4,415.42	4,055.61	3,695.80	3,335.99	3,006.17	2,616.38	2,256.57	1,896.76	1,536.95	1,174.14	817.34	467.53	97.72
1/2	1/2	5,117.53	4,767.73	4,407.92	4,048.11	3,688.30	3,328.50	2,998.69	2,608.88	2,243.07	1,889.26	1,529.46	1,163.65	809.84	459.03	90.22
3/4	3/4	5,111.91	4,760.23	4,400.42	4,040.62	3,680.81	3,321.00	2,991.21	2,601.38	2,234.58	1,881.77	1,521.96	1,162.15	802.34	442.54	82.73
4	4	5,106.29	4,752.74	4,392.93	4,033.12	3,673.31	3,313.50	2,983.70	2,593.89	2,224.08	1,874.27	1,514.46	1,154.66	794.85	435.04	75.23
1/4	1/4	5,100.67	4,745.24	4,385.43	4,025.62	3,665.82	3,306.01	2,974.20	2,586.39	2,216.58	1,866.78	1,506.97	1,147.16	787.35	427.54	67.74
1/2	1/2	5,095.05	4,737.74	4,377.93	4,018.11	3,658.32	3,298.51	2,964.20	2,578.90	2,210.09	1,859.28	1,499.47	1,138.66	779.86	420.05	60.24
3/4	3/4	5,088.18	4,730.25	4,370.44	4,010.63	3,650.82	3,291.02	2,953.21	2,571.40	2,201.59	1,851.78	1,491.98	1,131.17	772.38	412.56	53.68
5	5	5,081.31	4,722.76	4,362.94	4,003.14	3,643.33	3,283.52	2,943.71	2,563.90	2,191.08	1,844.29	1,484.48	1,124.67	764.86	405.06	47.12
1/4	1/4	5,074.44	4,715.26	4,355.45	3,995.64	3,635.83	3,276.02	2,936.22	2,556.41	2,186.60	1,836.79	1,476.98	1,117.18	757.37	397.56	40.57
1/2	1/2	5,067.57	4,707.76	4,347.95	3,988.14	3,628.34	3,268.53	2,928.72	2,548.91	2,179.10	1,829.30	1,469.49	1,109.68	749.87	390.06	34.01
3/4	3/4	5,060.70	4,700.26	4,340.46	3,980.65	3,620.84	3,261.03	2,921.22	2,541.42	2,171.61	1,821.80	1,461.99	1,102.18	742.38	382.57	27.32
6	6	5,052.88	4,692.77	4,332.96	3,973.15	3,613.34	3,253.64	2,893.73	2,533.92	2,174.11	1,814.30	1,454.50	1,094.89	734.88	375.07	20.64
1/4	1/4	5,045.08	4,685.27	4,325.46	3,965.66	3,605.85	3,246.04	2,886.23	2,526.42	2,166.62	1,806.81	1,447.00	1,087.19	727.38	367.58	14.06
1/2	1/2	5,037.58	4,677.78	4,317.97	3,958.16	3,598.35	3,238.54	2,878.74	2,518.93	2,159.12	1,799.31	1,439.50	1,079.20	719.89	360.08	7.52
3/4	3/4	5,030.09	4,670.28	4,310.47	3,950.66	3,590.86	3,231.05	2,871.24	2,511.43	2,151.62	1,791.82	1,432.01	1,072.20	712.39	352.58	0.98
7	7	5,022.59	4,662.79	4,302.98	3,943.17	3,583.36	3,223.55	2,863.74	2,503.94	2,144.43	1,784.32	1,424.51	1,064.70	704.90	345.09	7.04
1/4	1/4	5,015.10	4,655.29	4,295.48	3,935.67	3,575.86	3,216.06	2,856.25	2,496.44	2,136.63	1,776.82	1,417.02	1,057.21	697.40	337.59	1/4
1/2	1/2	5,007.60	4,647.79	4,287.98	3,928.18	3,568.37	3,208.66	2,848.75	2,488.94	2,129.14	1,769.33	1,409.52	1,049.71	689.90	330.10	1/2
3/4	3/4	5,000.10	4,640.30	4,280.49	3,920.68	3,560.87	3,201.06	2,841.26	2,481.95	2,121.64	1,761.83	1,402.02	1,042.22	682.41	322.60	3/4
8	8	4,992.61	4,632.80	4,272.99	3,913.18	3,553.38	3,193.57	2,833.76	2,473.95	2,114.14	1,754.34	1,394.53	1,034.72	674.91	315.10	8.00
1/4	1/4	4,985.11	4,625.30	4,265.50	3,905.69	3,545.88	3,186.07	2,826.26	2,466.46	2,106.65	1,746.84	1,387.03	1,027.22	667.42	307.61	1/4
1/2	1/2	4,977.62	4,617.81	4,258.00	3,898.19	3,538.38	3,178.58	2,818.77	2,456.96	2,099.15	1,739.34	1,379.54	1,019.73	659.92	300.11	1/2
3/4	3/4	4,970.12	4,610.31	4,250.50	3,890.70	3,530.89	3,171.08	2,811.27	2,451.46	2,091.66	1,731.85	1,372.04	1,012.23	652.42	292.62	3/4
9	9	4,862.62	4,602.82	4,243.01	3,883.20	3,523.39	3,163.58	2,803.78	2,443.97	2,084.16	1,724.35	1,364.54	1,004.74	644.93	285.12	9.00
1/4	1/4	4,855.13	4,595.32	4,235.51	3,875.70	3,515.90	3,156.09	2,796.28	2,436.47	2,076.66	1,716.86	1,357.05	997.24	637.43	277.62	1/4
1/2	1/2	4,847.63	4,587.82	4,228.02	3,868.21	3,508.40	3,148.59	2,788.78	2,428.88	2,069.47	1,709.36	1,348.55	989.74	629.94	270.13	1/2
3/4	3/4	4,840.14	4,580.33	4,220.52	3,860.71	3,500.90	3,141.10	2,781.29	2,421.48	2,061.87	1,701.86	1,342.06	982.25	622.44	262.63	3/4
10	10	4,832.64	4,572.83	4,213.02	3,853.22	3,493.41	3,133.60	2,773.79	2,413.98	2,054.48	1,694.37	1,334.66	974.76	614.94	255.14	10.00
1/4	1/4	4,825.15	4,565.34	4,205.53	3,845.72	3,485.91	3,126.09	2,766.30	2,406.48	2,046.68	1,686.87	1,327.06	967.85	607.45	247.64	1/4
1/2	1/2	4,817.65	4,557.84	4,198.03	3,838.23	3,478.42	3,118.61	2,758.80	2,398.98	2,039.18	1,679.38	1,318.57	959.76	599.86	240.14	1/2
3/4	3/4	4,810.15	4,550.34	4,190.54	3,830.73	3,470.92	3,111.11	2,751.30	2,391.50	2,031.69	1,671.88	1,312.07	952.26	592.46	232.65	3/4
11	11	4,802.66	4,542.85	4,183.04	3,823.23	3,463.42	3,103.62	2,743.81	2,384.00	2,024.19	1,664.38	1,304.58	944.77	584.96	225.15	11.00
1/4	1/4	4,795.16	4,535.35	4,175.54	3,815.74	3,455.93	3,096.12	2,736.31	2,376.50	2,016.70	1,656.89	1,297.08	937.27	577.46	217.66	1/4
1/2	1/2	4,787.66	4,527.86	4,168.05	3,808.24	3,448.43	3,088.62	2,728.82	2,369.01	2,009.20	1,649.39	1,289.58	929.78	569.97	210.16	1/2
3/4	3/4	4,780.17	4,520.36	4,160.55	3,800.74	3,440.94	3,081.13	2,721.32	2,361.51	2,001.70	1,641.90	1,282.09	922.28	562.47	202.66	3/4
CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																
STRAPPED: 61808																

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT: 15'-6 1/2" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

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BARGE "MPC-638"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 PORT

HULL NO. 2169-11

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

		0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		
W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	
0	0	4,730.41	0	4,623.81	0	4,518.18	0	4,413.40	0	4,308.58	0	4,203.95	0	4,099.03	0	3,994.02	0	3,889.39	0	3,785.12	0	3,681.14	0	3,577.79	0	3,474.74	0	3,372.16	0	3,270.22	0	3,168.98	0	3,067.84
1/4	1/4	4,730.04	1/4	4,624.36	1/4	4,518.55	1/4	4,413.78	1/4	4,309.21	1/4	4,204.64	1/4	4,100.07	1/4	3,995.50	1/4	3,891.33	1/4	3,787.16	1/4	3,683.31	1/4	3,579.46	1/4	3,475.61	1/4	3,371.76	1/4	3,267.91	1/4	3,164.06	1/4	3,060.21
1/2	1/2	4,729.67	1/2	4,623.73	1/2	4,518.16	1/2	4,413.39	1/2	4,308.82	1/2	4,204.25	1/2	4,100.00	1/2	3,995.75	1/2	3,891.50	1/2	3,787.25	1/2	3,683.00	1/2	3,578.75	1/2	3,474.50	1/2	3,370.25	1/2	3,266.00	1/2	3,161.75	1/2	3,057.50
3/4	3/4	4,729.30	3/4	4,623.73	3/4	4,518.16	3/4	4,413.39	3/4	4,308.82	3/4	4,204.25	3/4	4,100.00	3/4	3,995.75	3/4	3,891.50	3/4	3,787.25	3/4	3,683.00	3/4	3,578.75	3/4	3,474.50	3/4	3,370.25	3/4	3,266.00	3/4	3,161.75	3/4	3,057.50
1	1	4,727.97	1	4,622.30	1	4,517.73	1	4,413.19	1	4,308.65	1	4,204.11	1	4,100.00	1	3,995.89	1	3,891.78	1	3,787.67	1	3,683.56	1	3,579.45	1	3,475.34	1	3,371.23	1	3,267.12	1	3,163.01	1	3,058.90
1/4	1/4	4,727.66	1/4	4,621.09	1/4	4,495.66	1/4	4,390.93	1/4	4,285.88	1/4	4,180.83	1/4	4,076.74	1/4	3,972.65	1/4	3,868.56	1/4	3,764.47	1/4	3,660.38	1/4	3,556.29	1/4	3,452.20	1/4	3,348.11	1/4	3,244.02	1/4	3,139.93	1/4	3,035.84
1/2	1/2	4,725.32	1/2	4,490.03	1/2	4,440.63	1/2	4,390.93	1/2	4,341.23	1/2	4,291.53	1/2	4,241.83	1/2	4,192.13	1/2	4,142.43	1/2	4,092.73	1/2	4,043.03	1/2	3,993.33	1/2	3,943.63	1/2	3,893.93	1/2	3,844.23	1/2	3,794.53	1/2	3,744.83
3/4	3/4	4,723.59	3/4	4,482.40	3/4	4,433.37	3/4	4,383.99	3/4	4,334.61	3/4	4,285.23	3/4	4,235.85	3/4	4,186.47	3/4	4,137.09	3/4	4,087.71	3/4	4,038.33	3/4	3,988.95	3/4	3,939.57	3/4	3,890.19	3/4	3,840.81	3/4	3,791.43	3/4	3,742.05
2	2	4,721.71	2	4,478.77	2	4,439.37	2	4,390.00	2	4,340.63	2	4,291.26	2	4,241.89	2	4,192.51	2	4,143.14	2	4,093.77	2	4,044.40	2	3,995.03	2	3,945.65	2	3,896.27	2	3,846.89	2	3,797.51	2	3,748.13
1/4	1/4	4,719.43	1/4	4,476.49	1/4	4,437.09	1/4	4,387.72	1/4	4,338.35	1/4	4,288.98	1/4	4,240.00	1/4	4,191.02	1/4	4,142.04	1/4	4,093.06	1/4	4,044.08	1/4	3,995.10	1/4	3,945.72	1/4	3,896.34	1/4	3,846.96	1/4	3,797.58	1/4	3,748.20
1/2	1/2	4,717.15	1/2	4,474.21	1/2	4,434.81	1/2	4,385.41	1/2	4,336.01	1/2	4,286.61	1/2	4,237.21	1/2	4,187.81	1/2	4,138.41	1/2	4,089.01	1/2	4,040.00	1/2	3,991.00	1/2	3,942.00	1/2	3,893.00	1/2	3,844.00	1/2	3,795.00	1/2	3,746.00
3/4	3/4	4,714.87	3/4	4,471.93	3/4	4,432.53	3/4	4,383.13	3/4	4,333.73	3/4	4,284.33	3/4	4,234.93	3/4	4,185.53	3/4	4,136.13	3/4	4,086.73	3/4	4,037.33	3/4	3,987.93	3/4	3,938.53	3/4	3,889.13	3/4	3,839.73	3/4	3,790.33	3/4	3,740.93
3	3	4,711.63	3	4,468.69	3	4,429.29	3	4,380.00	3	4,330.71	3	4,281.42	3	4,232.13	3	4,182.84	3	4,133.55	3	4,084.26	3	4,034.97	3	3,985.68	3	3,936.39	3	3,887.00	3	3,837.71	3	3,788.42	3	3,739.13
1/4	1/4	4,708.39	1/4	4,465.45	1/4	4,426.05	1/4	4,376.65	1/4	4,327.25	1/4	4,277.85	1/4	4,228.45	1/4	4,179.05	1/4	4,129.65	1/4	4,080.25	1/4	4,030.85	1/4	3,981.45	1/4	3,932.05	1/4	3,882.65	1/4	3,833.25	1/4	3,783.85	1/4	3,734.45
1/2	1/2	4,706.15	1/2	4,463.21	1/2	4,423.81	1/2	4,374.41	1/2	4,325.01	1/2	4,275.61	1/2	4,226.21	1/2	4,176.81	1/2	4,127.41	1/2	4,078.01	1/2	4,028.61	1/2	3,979.21	1/2	3,929.81	1/2	3,880.41	1/2	3,831.01	1/2	3,781.61	1/2	3,732.21
3/4	3/4	4,703.91	3/4	4,460.97	3/4	4,421.57	3/4	4,372.17	3/4	4,322.77	3/4	4,273.37	3/4	4,223.97	3/4	4,174.57	3/4	4,125.17	3/4	4,075.77	3/4	4,026.37	3/4	3,976.97	3/4	3,927.57	3/4	3,878.17	3/4	3,828.77	3/4	3,779.37	3/4	3,729.97
4	4	4,697.72	4	4,454.78	4	4,415.38	4	4,365.98	4	4,316.58	4	4,267.18	4	4,217.78	4	4,168.38	4	4,118.98	4	4,069.58	4	4,019.18	4	3,969.78	4	3,920.38	4	3,870.98	4	3,821.58	4	3,772.18	4	3,722.78
1/4	1/4	4,695.48	1/4	4,452.54	1/4	4,413.14	1/4	4,363.74	1/4	4,314.34	1/4	4,264.94	1/4	4,215.54	1/4	4,166.14	1/4	4,116.74	1/4	4,067.34	1/4	4,017.94	1/4	3,968.54	1/4	3,919.14	1/4	3,869.74	1/4	3,820.34	1/4	3,770.94	1/4	3,721.54
1/2	1/2	4,693.24	1/2	4,450.26	1/2	4,410.86	1/2	4,361.46	1/2	4,312.06	1/2	4,262.66	1/2	4,213.26	1/2	4,163.86	1/2	4,114.46	1/2	4,065.06	1/2	4,015.66	1/2	3,966.26	1/2	3,916.86	1/2	3,867.46	1/2	3,818.06	1/2	3,768.66	1/2	3,719.26
3/4	3/4	4,691.00	3/4	4,448.06	3/4	4,408.66	3/4	4,359.26	3/4	4,310.86	3/4	4,261.46	3/4	4,212.06	3/4	4,162.66	3/4	4,113.26	3/4	4,063.86	3/4	4,014.46	3/4	3,965.06	3/4	3,915.66	3/4	3,866.26	3/4	3,816.86	3/4	3,767.46	3/4	3,718.06
5	5	4,679.98	5	4,436.94	5	4,397.54	5	4,348.14	5	4,298.74	5	4,249.34	5	4,200.00	5	4,150.60	5	4,101.20	5	4,051.80	5	4,002.40	5	3,953.00	5	3,903.60	5	3,854.20	5	3,804.80	5	3,755.40	5	3,706.00
1/4	1/4	4,677.74	1/4	4,434.70	1/4	4,395.30	1/4	4,345.90	1/4	4,296.50	1/4	4,247.10	1/4	4,197.70	1/4	4,148.30	1/4	4,098.90	1/4	4,049.50	1/4	3,999.10	1/4	3,949.70	1/4	3,899.30	1/4	3,849.90	1/4	3,800.50	1/4	3,751.10	1/4	3,701.70
1/2	1/2	4,675.50	1/2	4,432.46	1/2	4,393.06	1/2	4,343.66	1/2	4,294.26	1/2	4,244.86	1/2	4,195.46	1/2	4,146.06	1/2	4,096.66	1/2	4,047.26	1/2	3,997.86	1/2	3,948.46	1/2	3,899.06	1/2	3,849.66	1/2	3,800.26	1/2	3,750.86	1/2	3,701.46
3/4	3/4	4,673.26	3/4	4,430.22	3/4	4,390.82	3/4	4,341.42	3/4	4,292.02	3/4	4,242.62	3/4	4,193.22	3/4	4,143.82	3/4	4,094.42	3/4	4,045.02	3/4	3,995.62	3/4	3,946.22	3/4	3,896.82	3/4	3,847.42	3/4	3,798.02	3/4	3,748.62	3/4	3,699.22
6	6	4,668.90	6	4,425.86	6	4,386.46	6	4,337.06	6	4,287.66	6	4,238.26	6	4,188.86	6	4,139.46	6	4,090.06	6	4,040.66	6	3,991.26	6	3,941.86	6	3,892.46	6	3,843.06	6	3,793.66	6	3,744.26	6	3,694.86
1/4	1/4	4,666.66	1/4	4,423.62	1/4	4,384.22	1/4	4,334.82	1/4	4,285.42	1/4	4,236.02	1/4	4,186.62	1/4	4,137.22	1/4	4,087.82	1/4	4,038.42	1/4	3,989.02	1/4	3,939.62	1/4	3,890.22	1/4	3,840.82	1/4	3,791.42	1/4	3,742.02	1/4	3,692.62
1/2	1/2	4,664.42	1/2	4,421.38	1/2	4,381.98	1/2	4,332.58	1/2	4,283.18	1/2	4,233.78	1/2	4,184.38	1/2	4,134.98	1/2	4,085.58	1/2	4,036.18	1/2	3,986.78	1/2	3,937.38	1/2	3,887.98	1/2	3,838.58	1/2	3,789.18	1/2	3,739.78	1/2	3,690.38
3/4	3/4	4,662.18	3/4	4,419.14	3/4	4,379.74	3/4	4,330.34	3/4	4,280.94	3/4	4,231.54	3/4	4,182.14	3/4	4,132.74	3/4	4,083.34	3/4	4,033.94	3/4	3,984.54	3/4	3,935.14	3/4	3,885.74	3/4	3,836.34	3/4	3,786.94	3/4	3,737.54	3/4	3,688.14
7	7	4,656.39	7	4,413.35	7	4,373.95	7	4,324.55	7	4,275.15	7	4,225.75	7	4,176.35	7	4,126.95	7	4,077.5																

BARGE "MPC-638"
MARATHON PETROLEUM CORP.

3 STAR

OUTAGE TABLE

HULL NO. 2169-11

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

[illegible]

3/4	4,729.67	3/4	4,512.55	3/4
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REFERENCE GAUGE HEIGHT : 15'-6" (TO RIM OF 2" DIAMETER BALL VALVE
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