



BARGE "MPC-636"

MARATHON PETROLEUM CORP.

HULL NO. 2169-9

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: 5/27/08

BY: 

INSPECTORATE AMERICA CORPORATION

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-636"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

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

HULL NO. 2169-9

[illegible]

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 15'-6 3/4" (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-636"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 STAR

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

HULL NO. 2169-9

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.		
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	
0	0	5,102.99	0	4,834.08	0	4,575.48	0	4,316.87	0	4,058.26	0	3,799.65	0	3,541.04	0	3,282.44	0	3,023.83	0	2,765.22	0	2,506.61	0	2,248.00	0	1,989.40	0	1,730.79	0	1,472.18	0	1,213.57
1/4	1/4	5,102.37	1/4	4,826.61	1/4	4,568.01	1/4	4,309.40	1/4	4,050.79	1/4	3,792.18	1/4	3,533.57	1/4	3,274.97	1/4	3,016.36	1/4	2,757.75	1/4	2,499.14	1/4	2,240.53	1/4	1,981.93	1/4	1,723.32	1/4	1,464.71	1/4	1,206.10
1/2	1/2	5,101.74	1/2	4,819.14	1/2	4,560.53	1/2	4,301.93	1/2	4,043.32	1/2	3,784.71	1/2	3,526.10	1/2	3,267.49	1/2	3,008.88	1/2	2,750.27	1/2	2,491.66	1/2	2,233.05	1/2	1,974.44	1/2	1,715.83	1/2	1,457.22	1/2	1,198.49
3/4	3/4	5,101.12	3/4	4,811.57	3/4	4,552.96	3/4	4,294.35	3/4	4,035.74	3/4	3,777.13	3/4	3,518.52	3/4	3,259.91	3/4	2,999.30	3/4	2,740.69	3/4	2,482.08	3/4	2,223.47	3/4	1,964.86	3/4	1,706.25	3/4	1,447.64	3/4	1,190.88
1	1	5,100.50	1	4,804.20	1	4,445.69	1	4,086.98	1	3,728.38	1	3,369.77	1	3,011.16	1	2,652.55	1	2,293.94	1	1,935.33	1	1,576.72	1	1,218.11	1	859.51	1	500.90	1	150.43	1	10.90
1/4	1/4	5,098.63	1/4	4,796.73	1/4	4,438.12	1/4	4,079.51	1/4	3,720.91	1/4	3,362.30	1/4	3,003.69	1/4	2,645.08	1/4	2,286.47	1/4	1,927.86	1/4	1,569.25	1/4	1,210.64	1/4	852.04	1/4	493.50	1/4	153.77	1/4	127.14
1/2	1/2	5,096.77	1/2	4,789.26	1/2	4,430.65	1/2	4,072.04	1/2	3,713.43	1/2	3,354.82	1/2	2,996.21	1/2	2,637.60	1/2	2,278.99	1/2	1,920.38	1/2	1,561.79	1/2	1,203.16	1/2	844.57	1/2	486.10	1/2	147.12	1/2	147.12
3/4	3/4	5,094.90	3/4	4,781.79	3/4	4,423.18	3/4	4,064.57	3/4	3,705.96	3/4	3,347.35	3/4	2,988.74	3/4	2,629.13	3/4	2,271.53	3/4	1,912.92	3/4	1,554.31	3/4	1,195.71	3/4	837.10	3/4	478.63	3/4	140.46	3/4	140.46
2	2	5,093.03	2	4,774.32	2	4,415.71	2	4,057.10	2	3,698.49	2	3,339.88	2	2,981.28	2	2,622.67	2	2,264.06	2	1,905.45	2	1,546.84	2	1,188.24	2	829.63	2	471.29	2	133.80	2	133.80
1/4	1/4	5,089.92	1/4	4,766.85	1/4	4,408.24	1/4	4,049.63	1/4	3,691.02	1/4	3,332.41	1/4	2,973.80	1/4	2,615.19	1/4	2,256.58	1/4	1,897.97	1/4	1,539.37	1/4	1,180.77	1/4	822.16	1/4	463.88	1/4	127.14	1/4	127.14
1/2	1/2	5,086.81	1/2	4,759.37	1/2	4,400.77	1/2	4,042.16	1/2	3,683.55	1/2	3,324.94	1/2	2,966.33	1/2	2,607.73	1/2	2,249.12	1/2	1,890.51	1/2	1,531.90	1/2	1,173.29	1/2	814.69	1/2	456.48	1/2	120.48	1/2	120.48
3/4	3/4	5,083.70	3/4	4,751.90	3/4	4,393.30	3/4	4,034.69	3/4	3,676.08	3/4	3,317.47	3/4	2,958.86	3/4	2,600.26	3/4	2,241.55	3/4	1,883.04	3/4	1,524.43	3/4	1,165.82	3/4	807.22	3/4	449.08	3/4	113.83	3/4	113.83
3	3	5,080.69	3	4,744.43	3	4,385.82	3	4,027.22	3	3,668.61	3	3,310.00	3	2,951.39	3	2,592.78	3	2,234.18	3	1,875.57	3	1,516.96	3	1,158.35	3	799.74	3	441.67	3	107.17	3	107.17
1/4	1/4	5,076.23	1/4	4,736.96	1/4	4,378.35	1/4	4,013.75	1/4	3,661.14	1/4	3,302.53	1/4	2,943.92	1/4	2,585.31	1/4	2,226.71	1/4	1,868.10	1/4	1,509.49	1/4	1,150.88	1/4	792.27	1/4	434.39	1/4	100.64	1/4	100.64
1/2	1/2	5,071.88	1/2	4,729.49	1/2	4,370.88	1/2	4,001.27	1/2	3,653.57	1/2	3,294.96	1/2	2,936.35	1/2	2,577.84	1/2	2,219.23	1/2	1,860.63	1/2	1,502.02	1/2	1,143.41	1/2	784.80	1/2	427.11	1/2	94.10	1/2	94.10
3/4	3/4	5,067.62	3/4	4,722.02	3/4	4,363.41	3/4	4,004.80	3/4	3,646.20	3/4	3,287.59	3/4	2,928.98	3/4	2,570.37	3/4	2,211.76	3/4	1,853.16	3/4	1,494.55	3/4	1,135.94	3/4	777.33	3/4	419.83	3/4	87.57	3/4	87.57
4	4	5,063.16	4	4,714.55	4	4,356.94	4	3,997.33	4	3,638.72	4	3,280.12	4	2,921.51	4	2,562.90	4	2,204.29	4	1,845.68	4	1,487.08	4	1,128.47	4	769.86	4	412.55	4	81.04	4	81.04
1/4	1/4	5,057.66	1/4	4,707.08	1/4	4,348.47	1/4	3,989.86	1/4	3,631.25	1/4	3,272.65	1/4	2,914.04	1/4	2,555.43	1/4	2,196.82	1/4	1,838.21	1/4	1,479.61	1/4	1,121.00	1/4	762.38	1/4	405.27	1/4	74.60	1/4	74.60
1/2	1/2	5,051.96	1/2	4,699.61	1/2	4,341.00	1/2	3,982.39	1/2	3,623.78	1/2	3,265.17	1/2	2,906.57	1/2	2,547.96	1/2	2,189.35	1/2	1,830.74	1/2	1,472.13	1/2	1,113.53	1/2	754.92	1/2	397.99	1/2	67.97	1/2	67.97
3/4	3/4	5,046.36	3/4	4,692.14	3/4	4,333.53	3/4	3,974.92	3/4	3,616.31	3/4	3,257.70	3/4	2,899.10	3/4	2,540.49	3/4	2,181.88	3/4	1,823.27	3/4	1,464.66	3/4	1,106.06	3/4	747.45	3/4	380.71	3/4	61.44	3/4	61.44
5	5	5,040.76	5	4,684.66	5	4,326.06	5	3,967.45	5	3,608.84	5	3,250.23	5	2,891.62	5	2,533.02	5	2,174.41	5	1,815.80	5	1,457.19	5	1,098.58	5	739.98	5	383.43	5	54.90	5	54.90
1/4	1/4	5,033.92	1/4	4,677.19	1/4	4,318.59	1/4	3,959.98	1/4	3,601.37	1/4	3,242.76	1/4	2,883.15	1/4	2,525.55	1/4	2,166.94	1/4	1,806.33	1/4	1,448.72	1/4	1,091.11	1/4	732.51	1/4	376.28	1/4	49.23	1/4	49.23
1/2	1/2	5,027.08	1/2	4,669.72	1/2	4,311.11	1/2	3,952.61	1/2	3,593.90	1/2	3,235.29	1/2	2,876.68	1/2	2,519.07	1/2	2,159.47	1/2	1,800.86	1/2	1,442.25	1/2	1,083.64	1/2	726.03	1/2	369.12	1/2	43.55	1/2	43.55
3/4	3/4	5,020.23	3/4	4,662.25	3/4	4,303.64	3/4	3,945.04	3/4	3,586.43	3/4	3,227.82	3/4	2,869.21	3/4	2,510.60	3/4	2,152.00	3/4	1,793.39	3/4	1,434.78	3/4	1,076.17	3/4	717.35	3/4	361.97	3/4	37.88	3/4	37.88
6	6	5,013.39	6	4,654.78	6	4,296.17	6	3,937.56	6	3,578.95	6	3,220.35	6	2,861.74	6	2,503.13	6	2,144.52	6	1,785.92	6	1,427.31	6	1,068.97	6	710.09	6	354.81	6	32.20	6	32.20
1/4	1/4	5,005.92	1/4	4,647.31	1/4	4,288.70	1/4	3,930.09	1/4	3,571.48	1/4	3,212.88	1/4	2,854.27	1/4	2,495.66	1/4	2,137.05	1/4	1,778.45	1/4	1,419.84	1/4	1,061.23	1/4	702.62	1/4	347.66	1/4	27.99	1/4	27.99
1/2	1/2	4,998.45	1/2	4,639.84	1/2	4,281.23	1/2	3,922.62	1/2	3,564.01	1/2	3,205.41	1/2	2,846.80	1/2	2,488.19	1/2	2,129.58	1/2	1,770.97	1/2	1,412.37	1/2	1,053.76	1/2	695.15	1/2	340.50	1/2	23.78	1/2	23.78
3/4	3/4	4,990.98	3/4	4,632.37	3/4	4,273.76	3/4	3,915.15	3/4	3,556.54	3/4	3,197.94	3/4	2,839.33	3/4	2,480.72	3/4	2,122.11	3/4	1,763.50	3/4	1,404.90	3/4	1,046.29	3/4	687.58	3/4	333.35	3/4	19.87	3/4	19.87
7	7	4,983.50	7	4,624.90	7	4,266.29	7	3,907.68	7	3,549.07	7	3,190.46	7	2,831.85	7	2,473.25	7	2,114.64	7	1,756.03	7	1,397.42	7	1,038.82	7	680.21	7	326.19	7	15.36	7	15.36
1/4	1/4	4,976.03	1/4	4,617.43	1/4	4,258.82	1/4	3,900.21	1/4	3,541.60	1/4	3,182.99	1/4	2,824.39	1/4	2,465.78	1/4	2,107.17	1/4	1,748.56	1/4	1,389.95	1/4	1,031.36	1/4	672.74	1/4	319.16	1/4	14.14	1/4	14.14
1/2	1/2	4,968.56	1/2	4,609.95	1/2	4,251.35	1/2	3,892.74	1/2	3,534.13	1/2	3,175.52	1/2	2,816.91	1/2																	



INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-636"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

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

HULL NO. 2169-9

2 PORT

	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.	
N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	0	5,157.55	0	4,880.81	0	4,520.95	0	4,161.10	0	3,801.24	0	3,441.39	0	3,081.53	0	2,721.57	0	2,361.82	0	2,001.96	0	1,642.11	0	1,282.25	0	922.39	0	562.54	0	202.68		
1/4	1/4	5,156.93	1/4	4,873.31	1/4	4,513.46	1/4	4,153.60	1/4	3,793.75	1/4	3,433.89	1/4	3,074.03	1/4	2,714.18	1/4	2,354.32	1/4	1,994.47	1/4	1,634.61	1/4	1,274.75	1/4	914.90	1/4	555.04	1/4	195.69		
1/2	1/2	5,156.30	1/2	4,865.82	1/2	4,505.96	1/2	4,146.10	1/2	3,786.25	1/2	3,426.39	1/2	3,066.54	1/2	2,706.68	1/2	2,346.83	1/2	1,986.97	1/2	1,627.11	1/2	1,267.25	1/2	905.17	1/2	547.54	1/2	187.13		
3/4	3/4	5,155.68	3/4	4,858.32	3/4	4,498.46	3/4	4,138.51	3/4	3,778.75	3/4	3,418.90	3/4	3,059.04	3/4	2,699.18	3/4	2,339.33	3/4	1,979.47	3/4	1,619.62	3/4	1,259.76	3/4	892.90	3/4	530.05	3/4	180.19		
1	1	5,153.80	1	4,850.82	1	4,490.97	1	4,131.11	1	3,771.25	1	3,411.50	1	3,051.51	1	2,691.65	1	2,331.83	1	1,971.98	1	1,612.12	1	1,252.28	1	882.41	1	525.05	1	172.68		
1 1/4	1 1/4	5,151.93	1 1/4	4,843.33	1 1/4	4,483.47	1 1/4	4,123.51	1 1/4	3,763.35	1 1/4	3,403.50	1 1/4	3,044.05	1 1/4	2,684.19	1 1/4	2,324.33	1 1/4	1,964.48	1 1/4	1,604.62	1 1/4	1,244.77	1 1/4	884.91	1 1/4	525.05	1 1/4	165.20		
1 1/2	1 1/2	5,150.05	1 1/2	4,836.83	1 1/2	4,476.97	1 1/2	4,116.12	1 1/2	3,756.26	1 1/2	3,396.40	1 1/2	3,036.55	1 1/2	2,676.69	1 1/2	2,316.84	1 1/2	1,956.98	1 1/2	1,597.13	1 1/2	1,237.27	1 1/2	877.41	1 1/2	517.56	1 1/2	157.70		
3/4	3/4	4,828.33	3/4	4,468.48	3/4	4,106.52	3/4	3,748.76	3/4	3,388.91	3/4	3,029.05	3/4	2,669.20	3/4	2,309.34	3/4	1,949.48	3/4	1,589.63	3/4	1,229.77	3/4	868.92	3/4	510.06	3/4	150.20				
2	2	5,145.06	2	4,820.83	2	4,460.98	2	4,101.12	2	3,742.27	2	3,382.42	2	3,022.55	2	2,662.70	2	2,302.84	2	1,942.99	2	1,582.83	2	1,222.28	2	856.42	2	502.56	2	142.71		
1 1/4	1 1/4	5,141.93	1 1/4	4,813.34	1 1/4	4,453.48	1 1/4	4,093.53	1 1/4	3,733.77	1 1/4	3,373.91	1 1/4	3,014.06	1 1/4	2,654.20	1 1/4	2,294.35	1 1/4	1,934.49	1 1/4	1,574.63	1 1/4	1,214.78	1 1/4	842.83	1 1/4	465.08	1 1/4	135.21		
1 1/2	1 1/2	5,138.81	1 1/2	4,805.84	1 1/2	4,445.98	1 1/2	4,086.13	1 1/2	3,726.27	1 1/2	3,366.42	1 1/2	3,006.56	1 1/2	2,646.70	1 1/2	2,286.85	1 1/2	1,926.99	1 1/2	1,567.14	1 1/2	1,207.28	1 1/2	847.42	1 1/2	487.57	1 1/2	127.71		
3/4	3/4	5,135.69	3/4	4,798.34	3/4	4,438.99	3/4	4,078.53	3/4	3,718.78	3/4	3,358.92	3/4	2,999.06	3/4	2,639.21	3/4	2,279.35	3/4						3/4	833.93	3/4	480.07	3/4	120.22		
4	4	5,125.58	4	4,760.86	4	4,401.00	4	4,041.15	4	3,681.29	4	3,321.43	4	2,961.58	4	2,601.72	4	2,241.87	4	1,882.02	4	1,522.16	4	1,162.30	4	802.44	4	442.59	4	82.73		
1 1/4	1 1/4	5,106.96	1 1/4	4,753.56	1 1/4	4,393.51	1 1/4	4,033.65	1 1/4	3,673.79	1 1/4	3,313.94	1 1/4	2,954.08	1 1/4	2,594.24	1 1/4	2,234.37	1 1/4	1,874.51	1 1/4	1,514.65	1 1/4	1,154.79	1 1/4	794.95	1 1/4	435.09	1 1/4	47.12		
1 1/2	1 1/2	5,101.34	1 1/2	4,745.86	1 1/2	4,386.01	1 1/2	4,026.15	1 1/2	3,666.30	1 1/2	3,306.44	1 1/2	2,946.58	1 1/2	2,586.72	1 1/2	2,226.87	1 1/2	1,867.02	1 1/2	1,507.16	1 1/2	1,147.31	1 1/2	787.45	1 1/2	427.59	1 1/2	67.74		
3/4	3/4	5,095.72	3/4	4,738.37	3/4	4,378.51	3/4	4,018.65	3/4	3,658.80	3/4	3,298.94	3/4	2,939.09	3/4	2,579.23	3/4	2,219.38	3/4	1,859.52	3/4	1,499.66	3/4	1,139.81	3/4	779.95	3/4	420.10	3/4	60.24		
5	5	5,088.85	5	4,730.87	5	4,371.01	5	4,011.16	5	3,651.30	5	3,291.45	5	2,931.59	5	2,571.74	5	2,211.88	5	1,852.02	5	1,492.17	5	1,132.31	5	772.45	5	412.60	5	53.68		
1 1/4	1 1/4	5,071.98	1 1/4	4,723.37	1 1/4	4,363.52	1 1/4	4,003.66	1 1/4	3,643.81	1 1/4	3,283.95	1 1/4	2,924.09	1 1/4	2,564.24	1 1/4	2,204.38	1 1/4	1,844.53	1 1/4	1,484.67	1 1/4	1,124.81	1 1/4	765.96	1 1/4	405.10	1 1/4	40.52		
1 1/2	1 1/2	5,075.11	1 1/2	4,716.88	1 1/2	4,356.02	1 1/2	3,996.16	1 1/2	3,636.30	1 1/2	3,276.45	1 1/2	2,916.60	1 1/2	2,556.74	1 1/2	2,196.89	1 1/2	1,837.03	1 1/2	1,477.17	1 1/2	1,117.32	1 1/2	757.46	1 1/2	397.60	1 1/2	47.47		
3/4	3/4	5,068.24	3/4	4,708.38	3/4	4,346.52	3/4	3,986.67	3/4	3,626.81	3/4	3,266.96	3/4	2,907.10	3/4	2,547.24	3/4	2,187.39	3/4	1,827.53	3/4	1,467.68	3/4	1,107.82	3/4	749.95	3/4	390.11	3/4	34.01		
6	6	5,060.74	6	4,700.88	6	4,341.03	6	3,981.17	6	3,621.31	6	3,261.46	6	2,901.60	6	2,541.75	6	2,181.89	6	1,822.04	6	1,462.18	6	1,102.32	6	742.47	6	380.61	6	29.32		
1 1/4	1 1/4	5,053.24	1 1/4	4,693.39	1 1/4	4,333.53	1 1/4	3,973.67	1 1/4	3,613.82	1 1/4	3,253.96	1 1/4	2,894.11	1 1/4	2,534.25	1 1/4	2,174.39	1 1/4	1,814.54	1 1/4	1,454.68	1 1/4	1,094.83	1 1/4	734.97	1 1/4	375.11	1 1/4	24.64		
1 1/2	1 1/2	5,045.75	1 1/2	4,685.89	1 1/2	4,326.03	1 1/2	3,966.18	1 1/2	3,606.32	1 1/2	3,246.46	1 1/2	2,886.61	1 1/2	2,526.75	1 1/2	2,166.90	1 1/2	1,807.04	1 1/2	1,447.19	1 1/2	1,087.33	1 1/2	727.47	1 1/2	367.62	1 1/2	19.86		
3/4	3/4	5,038.25	3/4	4,678.39	3/4	4,318.54	3/4	3,958.68	3/4	3,598.82	3/4	3,238.97	3/4	2,879.11	3/4	2,519.25	3/4	2,159.40	3/4	1,799.54	3/4	1,439.69	3/4	1,079.83	3/4	719.98	3/4	360.12	3/4	15.87		
7	7	5,030.75	7	4,670.89	7	4,310.54	7	3,951.18	7	3,591.33	7	3,231.47	7	2,871.61	7	2,511.76	7	2,151.90	7	1,792.05	7	1,432.19	7	1,072.34	7	712.48	7	352.62	7	34.53		
1 1/4	1 1/4	5,023.25	1 1/4	4,663.40	1 1/4	4,303.54	1 1/4	3,943.68	1 1/4	3,583.83	1 1/4	3,223.97	1 1/4	2,864.12	1 1/4	2,504.26	1 1/4	2,144.41	1 1/4	1,784.55	1 1/4	1,424.69	1 1/4	1,064.84	1 1/4	704.98	1 1/4	345.13	1 1/4	33.73		
1 1/2	1 1/2	5,015.76	1 1/2	4,655.90	1 1/2	4,296.04	1 1/2	3,936.19	1 1/2	3,576.33	1 1/2	3,216.48	1 1/2	2,856.62	1 1/2	2,496.77	1 1/2	2,136.91	1 1/2	1,776.95	1 1/2	1,417.10	1 1/2	1,057.34	1 1/2	697.48	1 1/2	337.53	1 1/2	33.03		
3/4	3/4	5,008.26	3/4	4,648.40	3/4	4,286.55	3/4	3,926.89	3/4	3,566.84	3/4	3,206.98	3/4	2,847.12	3/4	2,487.27	3/4	2,127.41	3/4	1,767.56	3/4	1,407.70	3/4	1,047.84	3/4	689.99	3/4	330.13	3/4			
8	8	5,000.76	8	4,640.91	8	4,281.05	8	3,921.19	8	3,561.34	8	3,201.48	8	2,841.63	8	2,481.77	8	2,121.92	8	1,762.06	8	1,402.20	8	1,042.35	8	682.49	8	322.53	8			
1 1/4	1 1/4	4,993.27	1 1/4	4,633.41	1 1/4	4,273.55	1 1/4	3,913.70	1 1/4	3,553.84	1 1/4	3,193.99	1 1/4	2,834.13	1 1/4	2,474.27	1 1/4	2,114.42	1 1/4	1,754.56	1 1/4	1,394.71	1 1/4	1,034.85	1 1/4	674.99	1 1/4	315.14	1 1/4	30.74		
1 1/2	1 1/2	4,985.77	1 1/2	4,625.91	1 1/2	4,266.06	1 1/2	3,906.20	1 1/2	3,546.34	1 1/2	3,186.49	1 1/2	2,826.63	1 1/2	2,466.78	1 1/2	2,106.92	1 1/2	1,747.07	1 1/2	1,387.21	1 1/2	1,027.35	1 1/2	667.50	1 1/2	307.64	1 1/2			
3/4	3/4	4,978.27	3/4	4,618.42	3/4	4,258.56	3/4	3,898.70	3/4	3,538.85	3/4	3,178.99	3/4	2,819.14	3/4	2,459.28	3/4	2,099.42	3/4	1,739.57	3/4	1,379.71	3/4	1,019.85	3/4	660.00	3/4	292.45	3/4			
9	9	4,970.78	9	4,610.92	9	4,251.06	9	3,891.21	9	3,531.35	9	3,171.49	9	2,811.64	9	2,451.78	9	2,091.93	9	1,732.07	9	1,372.22	9	1,012.36	9	652.50	9	290.55	9			
1 1/4	1 1/4	4,963.28	1 1/4	4,603.42	1 1/4	4,243.57	1 1/4	3,883.71	1 1/4	3,523.85	1 1/4	3,164.00	1 1/4	2,804.15	1 1/4	2,444.29	1 1/4	2,084.43	1 1/4	1,724.57	1 1/4	1,364.72	1 1/4	1,004.86	1 1/4	646.01	1 1/4	285.15	1 1/4			
1 1/2	1 1/2	4,956.78	1 1/2	4,596.92	1 1/2	4,236.07	1 1/2	3,876.21	1 1/2	3,516.36	1 1/2	3,156.50	1 1/2	2,796.65	1 1/2	2,436.79	1 1/2	2,076.93	1 1/2	1,717.08	1 1/2	1,357.23	1 1/2	997.38	1 1/2	637.01	1 1/2	277.65	1 1/2			
3/4	3/4	4,948.28	3/4	4,588.43	3/4	4,226.57	3/4	3,868.72	3/4	3,508.86	3/4	3,149.00	3/4	2,789.15	3/4	2,429.29	3/4	2,069.44	3/4	1,709.58	3/4	1,349.72	3/4	988.87	3/4	630.01	3/4	270.15	3/4			
10	10	4,940.79	10	4,580.93	10	4,221.07	10	3,861.22	10	3,501.36	10	3,141.51	10	2,781.65	10	2,421.80	10	2,061.94	10	1,702.08	10	1,342.23	10	982.37	10	622.51	10	262.65	10			
1 1/4	1 1/4	4,933.29	1 1/4	4,573.43	1 1/4	4,213.58	1 1/4	3,																								

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 15'-6 3/4" (TO RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

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-636"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

2 STAR

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

HULL NO. 2169-9

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.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	0	5,158.18	0	4,898.31	0	4,528.45	0	4,166.60	0	3,808.74	0	3,448.88	0	3,089.03	0	2,729.17	0	2,369.32	0	2,009.46	0	1,649.60	0	1,289.75	0	929.89	0	570.04	0	210.18	0
1/4	1/4	5,157.55	1/4	4,898.01	1/4	4,528.05	1/4	4,165.10	1/4	3,808.24	1/4	3,448.39	1/4	3,088.53	1/4	2,728.71	1/4	2,368.82	1/4	2,009.15	1/4	1,649.21	1/4	1,289.25	1/4	929.38	1/4	569.54	1/4	209.58	1/4
1/2	1/2	5,156.93	1/2	4,897.31	1/2	4,527.46	1/2	4,163.80	1/2	3,797.35	1/2	3,437.89	1/2	3,087.90	1/2	2,727.84	1/2	2,368.32	1/2	2,008.60	1/2	1,648.61	1/2	1,288.75	1/2	928.91	1/2	568.79	1/2	208.79	1/2
3/4	3/4	5,156.30	3/4	4,896.68	3/4	4,526.95	3/4	4,166.10	3/4	3,796.70	3/4	3,437.26	3/4	3,087.35	3/4	2,727.29	3/4	2,367.83	3/4	2,008.05	3/4	1,648.07	3/4	1,288.20	3/4	928.42	3/4	568.26	3/4	208.26	3/4
1	1	5,155.68	1	4,896.06	1	4,526.32	1	4,165.62	1	3,796.03	1	3,436.61	1	3,086.72	1	2,726.72	1	2,367.30	1	2,007.52	1	1,647.50	1	1,287.67	1	927.93	1	567.53	1	207.53	1
1/4	1/4	5,155.05	1/4	4,895.43	1/4	4,525.69	1/4	4,165.00	1/4	3,795.36	1/4	3,435.94	1/4	3,086.05	1/4	2,726.05	1/4	2,366.58	1/4	2,006.84	1/4	1,646.83	1/4	1,287.00	1/4	927.24	1/4	566.80	1/4	206.80	1/4
1/2	1/2	5,154.43	1/2	4,894.81	1/2	4,525.07	1/2	4,164.38	1/2	3,794.69	1/2	3,435.31	1/2	3,085.38	1/2	2,725.38	1/2	2,365.91	1/2	2,006.16	1/2	1,646.16	1/2	1,286.33	1/2	926.55	1/2	566.07	1/2	206.07	1/2
3/4	3/4	4,955.28	3/4	4,595.92	3/4	4,235.07	3/4	3,875.21	3/4	3,516.36	3/4	3,156.50	3/4	2,796.64	3/4	2,436.79	3/4	2,076.93	3/4	1,717.08	3/4	1,357.22	3/4	997.36	3/4	637.51	3/4	277.55	3/4	107.74	3/4
2	2	4,948.28	2	4,588.43	2	4,228.57	2	3,868.72	2	3,508.86	2	3,149.00	2	2,789.15	2	2,429.29	2	2,069.44	2	1,709.58	2	1,349.72	2	988.87	2	630.01	2	270.16	2	107.74	2
1/4	1/4	4,940.79	1/4	4,580.93	1/4	4,221.07	1/4	3,861.22	1/4	3,501.36	1/4	3,141.51	1/4	2,781.65	1/4	2,421.80	1/4	2,064.44	1/4	1,704.69	1/4	1,343.73	1/4	974.87	1/4	615.02	1/4	265.16	1/4	107.74	1/4
1/2	1/2	4,933.29	1/2	4,573.43	1/2	4,213.58	1/2	3,853.72	1/2	3,493.87	1/2	3,134.01	1/2	2,774.15	1/2	2,414.30	1/2	2,054.44	1/2	1,694.69	1/2	1,334.73	1/2	967.38	1/2	607.52	1/2	261.66	1/2	107.74	1/2
3/4	3/4	4,926.79	3/4	4,566.94	3/4	4,206.08	3/4	3,846.22	3/4	3,486.37	3/4	3,126.51	3/4	2,765.16	3/4	2,406.80	3/4	2,046.95	3/4	1,687.09	3/4	1,327.23	3/4	957.38	3/4	600.02	3/4	247.65	3/4	107.74	3/4
1	1	4,918.30	1	4,558.44	1	4,198.58	1	3,838.83	1	3,478.87	1	3,118.02	1	2,755.16	1	2,395.81	1	2,036.95	1	1,678.59	1	1,318.74	1	959.88	1	600.02	1	240.71	1	107.74	1
1/4	1/4	4,910.80	1/4	4,550.94	1/4	4,191.09	1/4	3,831.23	1/4	3,471.37	1/4	3,111.52	1/4	2,744.17	1/4	2,384.51	1/4	2,024.45	1/4	1,672.10	1/4	1,312.24	1/4	952.38	1/4	592.53	1/4	232.67	1/4	107.74	1/4
1/2	1/2	4,903.30	1/2	4,543.45	1/2	4,183.59	1/2	3,823.02	1/2	3,463.88	1/2	3,104.02	1/2	2,738.67	1/2	2,376.81	1/2	2,019.96	1/2	1,664.60	1/2	1,304.74	1/2	944.88	1/2	585.03	1/2	225.17	1/2	107.74	1/2
3/4	3/4	4,896.80	3/4	4,535.95	3/4	4,175.09	3/4	3,816.24	3/4	3,456.38	3/4	3,096.52	3/4	2,736.67	3/4	2,376.81	3/4	2,019.96	3/4	1,657.10	3/4	1,297.25	3/4	937.39	3/4	577.53	3/4	217.68	3/4	107.74	3/4



BARGE "MPC-636"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

3 PORT OR STAR

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

HULL NO. 2169-8

		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.	
N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M
0	0	4,726.36	0	4,519.76	0	4,299.56	0	3,979.37	0	3,706.48	0	3,426.30	0	3,069.22	0	2,710.80	0	2,352.39	0	1,993.97	0	1,635.55	0	1,277.14	0	918.72	0	560.30	0	201.89	0	15.21	
1/4	1/4	4,726.99	1/4	4,524.13	1/4	4,309.93	1/4	3,979.74	1/4	3,707.14	1/4	3,426.70	1/4	3,069.58	1/4	2,711.14	1/4	2,352.93	1/4	1,994.36	1/4	1,636.01	1/4	1,277.58	1/4	919.16	1/4	560.67	1/4	202.16	1/4	15.48	
1/2	1/2	4,727.62	1/2	4,524.76	1/2	4,310.56	1/2	3,980.11	1/2	3,707.77	1/2	3,427.35	1/2	3,070.19	1/2	2,711.77	1/2	2,353.51	1/2	1,994.93	1/2	1,636.58	1/2	1,278.06	1/2	919.53	1/2	561.04	1/2	202.43	1/2	15.75	
3/4	3/4	4,728.25	3/4	4,525.39	3/4	4,311.19	3/4	3,980.48	3/4	3,708.11	3/4	3,427.92	3/4	3,070.56	3/4	2,712.34	3/4	2,354.08	3/4	1,995.30	3/4	1,637.14	3/4	1,278.50	3/4	919.90	3/4	561.41	3/4	202.70	3/4	16.02	
1	1	4,729.92	1	4,527.06	1	4,312.82	1	3,981.86	1	3,709.49	1	3,428.59	1	3,071.94	1	2,712.92	1	2,354.64	1	1,995.87	1	1,637.71	1	1,279.02	1	920.27	1	561.78	1	202.97	1	16.29	
1/4	1/4	4,730.55	1/4	4,527.69	1/4	4,313.45	1/4	3,982.23	1/4	3,710.08	1/4	3,429.16	1/4	3,072.32	1/4	2,713.36	1/4	2,355.08	1/4	1,996.25	1/4	1,638.09	1/4	1,279.46	1/4	920.64	1/4	562.15	1/4	203.24	1/4	16.56	
1/2	1/2	4,731.18	1/2	4,528.32	1/2	4,314.08	1/2	3,982.60	1/2	3,710.67	1/2	3,429.75	1/2	3,072.71	1/2	2,713.75	1/2	2,355.47	1/2	1,996.62	1/2	1,638.46	1/2	1,279.84	1/2	921.01	1/2	562.52	1/2	203.51	1/2	16.83	
3/4	3/4	4,731.81	3/4	4,528.95	3/4	4,314.68	3/4	3,982.97	3/4	3,711.26	3/4	3,430.34	3/4	3,073.10	3/4	2,714.14	3/4	2,355.85	3/4	1,996.99	3/4	1,638.83	3/4	1,280.22	3/4	921.38	3/4	562.89	3/4	203.78	3/4	17.10	
2	2	4,733.48	2	4,530.62	2	4,315.28	2	3,984.24	2	3,711.85	2	3,430.93	2	3,073.49	2	2,714.53	2	2,356.24	2	1,997.36	2	1,639.20	2	1,280.60	2	921.75	2	563.26	2	204.05	2	17.37	
1/4	1/4	4,734.11	1/4	4,531.25	1/4	4,315.88	1/4	3,984.61	1/4	3,712.44	1/4	3,431.52	1/4	3,073.83	1/4	2,714.92	1/4	2,356.62	1/4	1,997.73	1/4	1,639.57	1/4	1,280.98	1/4	922.12	1/4	563.63	1/4	204.32	1/4	17.64	
1/2	1/2	4,734.74	1/2	4,531.88	1/2	4,316.48	1/2	3,984.98	1/2	3,713.03	1/2	3,432.11	1/2	3,074.17	1/2	2,715.31	1/2	2,357.00	1/2	1,998.10	1/2	1,639.94	1/2	1,281.36	1/2	922.49	1/2	564.00	1/2	204.59	1/2	17.91	
3/4	3/4	4,735.37	3/4	4,532.51	3/4	4,317.08	3/4	3,985.35	3/4	3,713.62	3/4	3,432.70	3/4	3,074.51	3/4	2,715.69	3/4	2,357.38	3/4	1,998.47	3/4	1,640.31	3/4	1,281.74	3/4	922.86	3/4	564.37	3/4	204.86	3/4	18.18	
1	1	4,737.04	1	4,534.18	1	4,317.68	1	3,986.72	1	3,714.21	1	3,433.29	1	3,074.90	1	2,716.08	1	2,357.77	1	1,998.84	1	1,640.68	1	1,282.12	1	923.23	1	564.74	1	205.13	1	18.45	
1/4	1/4	4,737.67	1/4	4,534.81	1/4	4,318.28	1/4	3,987.09	1/4	3,714.80	1/4	3,433.88	1/4	3,075.24	1/4	2,716.46	1/4	2,358.15	1/4	1,999.21	1/4	1,641.05	1/4	1,282.50	1/4	923.60	1/4	565.11	1/4	205.40	1/4	18.72	
1/2	1/2	4,738.30	1/2	4,535.44	1/2	4,318.88	1/2	3,987.46	1/2	3,715.39	1/2	3,434.47	1/2	3,075.58	1/2	2,716.85	1/2	2,358.53	1/2	1,999.58	1/2	1,641.42	1/2	1,282.88	1/2	923.97	1/2	565.48	1/2	205.67	1/2	18.99	
3/4	3/4	4,738.93	3/4	4,536.07	3/4	4,319.48	3/4	3,987.83	3/4	3,715.98	3/4	3,435.06	3/4	3,075.92	3/4	2,717.23	3/4	2,358.91	3/4	1,999.95	3/4	1,641.79	3/4	1,283.26	3/4	924.34	3/4	565.85	3/4	205.94	3/4	19.26	
2	2	4,740.60	2	4,537.74	2	4,320.08	2	3,989.20	2	3,716.57	2	3,435.65	2	3,076.31	2	2,717.62	2	2,359.29	2	2,000.32	2	1,642.16	2	1,283.64	2	924.71	2	566.22	2	206.21	2	19.53	
1/4	1/4	4,741.23	1/4	4,538.37	1/4	4,320.68	1/4	3,989.57	1/4	3,717.16	1/4	3,436.24	1/4	3,076.65	1/4	2,718.00	1/4	2,359.67	1/4	2,000.69	1/4	1,642.53	1/4	1,284.02	1/4	925.08	1/4	566.59	1/4	206.48	1/4	19.80	
1/2	1/2	4,741.86	1/2	4,539.00	1/2	4,321.28	1/2	3,989.94	1/2	3,717.75	1/2	3,436.83	1/2	3,076.99	1/2	2,718.39	1/2	2,360.05	1/2	2,001.06	1/2	1,642.90	1/2	1,284.40	1/2	925.45	1/2	566.96	1/2	206.75	1/2	20.07	
3/4	3/4	4,742.49	3/4	4,539.63	3/4	4,321.88	3/4	3,990.31	3/4	3,718.34	3/4	3,437.42	3/4	3,077.33	3/4	2,718.78	3/4	2,360.43	3/4	2,001.43	3/4	1,643.27	3/4	1,284.78	3/4	925.82	3/4	567.33	3/4	207.02	3/4	20.34	
1	1	4,744.16	1	4,541.30	1	4,322.48	1	3,991.68	1	3,718.93	1	3,438.01	1	3,077.72	1	2,719.17	1	2,360.81	1	2,001.80	1	1,643.64	1	1,285.16	1	926.19	1	567.70	1	207.29	1	20.61	
1/4	1/4	4,744.79	1/4	4,541.93	1/4	4,323.08	1/4	3,992.05	1/4	3,719.52	1/4	3,438.60	1/4	3,078.11	1/4	2,719.56	1/4	2,361.19	1/4	2,002.17	1/4	1,644.01	1/4	1,285.54	1/4	926.56	1/4	568.07	1/4	207.56	1/4	20.88	
1/2	1/2	4,745.42	1/2	4,542.56	1/2	4,323.68	1/2	3,992.42	1/2	3,720.11	1/2	3,439.19	1/2	3,078.50	1/2	2,719.95	1/2	2,361.57	1/2	2,002.54	1/2	1,644.38	1/2	1,285.92	1/2	926.93	1/2	568.44	1/2	207.83	1/2	21.15	
3/4	3/4	4,746.05	3/4	4,543.19	3/4	4,324.28	3/4	3,992.79	3/4	3,720.70	3/4	3,439.78	3/4	3,078.89	3/4	2,720.34	3/4	2,361.95	3/4	2,002.91	3/4	1,644.75	3/4	1,286.30	3/4	927.30	3/4	568.81	3/4	208.10	3/4	21.42	
2	2	4,747.68	2	4,544.82	2	4,324.88	2	3,994.16	2	3,721.29	2	3,440.37	2	3,079.28	2	2,720.73	2	2,362.33	2	2,003.28	2	1,645.12	2	1,286.68	2	927.67	2	569.18	2	208.37	2	21.69	
1/4	1/4	4,748.31	1/4	4,545.45	1/4	4,325.48	1/4	3,994.53	1/4	3,721.88	1/4	3,440.96	1/4	3,079.67	1/4	2,721.12	1/4	2,362.71	1/4	2,003.65	1/4	1,645.49	1/4	1,287.06	1/4	928.04	1/4	569.55	1/4	208.64	1/4	21.96	
1/2	1/2	4,748.94	1/2	4,546.08	1/2	4,326.08	1/2	3,994.90	1/2	3,722.47	1/2	3,441.55	1/2	3,079.96	1/2	2,721.51	1/2	2,363.09	1/2	2,004.02	1/2	1,645.86	1/2	1,287.44	1/2	928.41	1/2	569.92	1/2	208.91	1/2	22.23	
3/4	3/4	4,749.57	3/4	4,546.71	3/4	4,326.68	3/4	3,995.27	3/4	3,723.06	3/4	3,442.14	3/4	3,080.35	3/4	2,721.85	3/4	2,363.47	3/4	2,004.39	3/4	1,646.23	3/4	1,287.82	3/4	928.78	3/4	570.29	3/4	209.18	3/4	22.50	
1	1	4,751.20	1	4,548.34	1	4,327.28	1	3,996.64	1	3,723.65	1	3,442.73	1	3,080.74	1	2,722.24	1	2,363.85	1	2,004.76	1	1,646.60	1	1,288.20	1	929.15	1	570.66	1	209.45	1	22.77	
1/4	1/4	4,751.83	1/4	4,548.97	1/4	4,327.88	1/4	3,997.01	1/4	3,724.24	1/4	3,443.32	1/4	3,081.13	1/4	2,722.58	1/4	2,364.23	1/4	2,005.13	1/4	1,646.97	1/4	1,288.58	1/4	929.52	1/4	571.03	1/4	209.72	1/4	23.04	
1/2	1/2	4,752.46	1/2	4,549.60	1/2	4,328.48	1/2	3,997.38	1/2	3,724.83</																							