

GARY A. ZIPKIN
LOUIS R. VEERMAN
JAMES D. LINWILER
JAMES D. DEWITT
GEORGE R. LYLE
MICHAEL S. MCLAUGHLIN
MICHAEL K. NAVE
AISHA TINKER BRAY
GREGORY G. SILVEY
MATTHEW COOPER
CHRISTINA RANKIN
DAVID H. PARRISH

R.C.A.
RECEIVED

LAW OFFICES OF
Guess & Rudd
P.C.

09 JAN 26 PM 1:01

510 L STREET, SUITE 700
ANCHORAGE, ALASKA 99501-1964
TELEPHONE (907) 793-2200
FACSIMILE (907) 793-2299
www.guessrudd.com

W. EUGENE GUESS 1932-1975
JOSEPH RUDD 1933-1978
FRANCIS E. SMITH, JR. 1941-1991

OFFICES IN
ANCHORAGE & FAIRBANKS

OF COUNSEL
MARGARET S. JONES

January 26, 2009

Regulatory Commission of Alaska
701 West 8th Avenue, Suite 300
Anchorage, Alaska 99501

Re: TAPS Quality Bank
BP Pipelines (Alaska) Inc. Tariff Advice No. TL 128-311
ConocoPhillips Transportation Alaska, Inc. Tariff Advice No. TL 133-301
ExxonMobil Pipeline Company Tariff Advice No. TL 142-304
Koch Alaska Pipeline Company, L.L.C. Tariff Advice No. TL 129-308
Unocal Pipeline Company Tariff Advice No. TL 119-312

Dear Commissioners:

This tariff advice refers to the Local Pipeline Tariff containing the TAPS Quality Bank Methodology for each of the five TAPS Carriers, issued January 26, 2009, with an effective date of February 1, 2009. The Local Pipeline Tariff is being filed today at the Federal Energy Regulatory Commission ("FERC") and with this Commission.

This tariff filing is being made to comply with orders issued by the FERC in *Trans Alaska Pipeline System*, 113 FERC ¶ 61,062 (2005) (Opinion No. 481); 114 FERC ¶ 61,323 (2006) (Opinion No. 481-A); 115 FERC ¶ 61,287 (2006) (Opinion No. 481-B), and with orders issued by this Commission in *In re Formal Complaint of Tesoro Alaska Petroleum Co.*, P-89-1(104)/P-89-2(98)/P-94-4(37)/P-96-6(24)/P-98-9(16)/P-99-12(19) (2005); P-89-1(109)/P-89-2(103)/P-94-4(42)/P-96-6(29)/P-98-9(21)/P-99-12(24) (2006); P-89-1(111)/P-89-2(105)/P-94-4(44)/P-96-6(31)/P-98-9(23)/P-99-12(26) (2006). The changes to the TAPS Carriers' Tariff Rules and Regulations containing the TAPS Quality Bank methodology are effective as of February 1, 2009, pursuant to these orders.

This tariff filing is accompanied by the filing submitted on behalf of the TAPS Carriers by John E. Kennedy to the FERC. Each of the five TAPS Carriers will serve a copy of the Local Pipeline Tariff upon each of its intrastate and interstate shippers.

Regulatory Commission of Alaska
January 26, 2009
Page 2

On behalf of the TAPS Carriers, we request that the Commission Staff validate and return a copy of this filing to each of the TAPS Carriers.

Very truly yours,

GUESS & RUDD P.C.

A handwritten signature in black ink, appearing to read "Louis R. Veerman". The signature is fluid and cursive, with a large initial "L" and a long, sweeping underline.

Louis R. Veerman

LRV:sb:F:\DATA\3482\8\Tariff Filings\Quality Bank Tariff 1-26-09.doc
Enclosure

cc: John E. Kennedy (w/encl.)

Vinson & Elkins

John E. Kennedy jkennedy@velaw.com
Tel 713.758.2550 Fax 713.615.5273

January 26, 2009

OIL PIPELINE FILING SPECIAL PERMISSION REQUESTED

Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: BP Pipelines (Alaska) Inc. Supplement No. 6 to F.E.R.C. No. 33
ConocoPhillips Transportation Alaska, Inc. Supplement No. 6 to F.E.R.C. No. 10
ExxonMobil Pipeline Company Supplement No. 6 to F.E.R.C. No. 274
Koch Alaska Pipeline Company, L.L.C. Supplement No. 6 to F.E.R.C. No. 7
Unocal Pipeline Company Supplement No. 6 to F.E.R.C. No. 285

Dear Ms. Bose:

Enclosed for filing are three copies of each of the following identical tariffs:

BP Pipelines (Alaska) Inc. Supplement No. 6 to F.E.R.C. No. 33
ConocoPhillips Transportation Alaska, Inc. Supplement No. 6 to F.E.R.C. No. 10
ExxonMobil Pipeline Company Supplement No. 6 to F.E.R.C. No. 274
Koch Alaska Pipeline Company, L.L.C. Supplement No. 6 to F.E.R.C. No. 7
Unocal Pipeline Company Supplement No. 6 to F.E.R.C. No. 285

The companies issuing these tariffs are collectively referred to herein as the TAPS Carriers.

These tariffs are issued in part to comply with the orders issued by the Federal Energy Regulatory Commission ("Commission") in *Trans Alaska Pipeline System*, 113 FERC ¶ 61,062 (2005) (Opinion No. 481); 114 FERC ¶ 61,323 (2006) (Opinion No. 481-A); 115 FERC ¶ 61,287 (2006) (Opinion No. 481-B), and with the orders issued by the Regulatory Commission of Alaska ("RCA") in *In re Formal Complaint of Tesoro Alaska Petroleum Co.*, P-89-1(104)/P-89-2(98)/P-94-4(37)/P96-6(24)/P-98-9(16)/P-99-12(19) (2005); P-89-1(109)/P89-2(103)/P-94-4(42)/P-96-6(29)/P98-9(21)/P-99-12(24) (2006); P-89-

Vinson & Elkins LLP Attorneys at Law
Abu Dhabi Austin Beijing Dallas Dubai Hong Kong Houston
London Moscow New York Shanghai Tokyo Washington

First City Tower, 1001 Fannin Street, Suite 2500
Houston, TX 77002-6760
Tel 713.758.2222 Fax 713.758.2346 www.velaw.com

1(111)/P-89-2(105)/P-94-4(44)/P-96-6(31)/P-98-9(23)/P-99-12(26) (2006). One of the terms of the methodology approved by the Commission and the RCA is embodied in Item III.G.6. of the tariffs to which the enclosed tariffs are supplements. It requires that the adjustments to the reference prices for Light Distillate, Heavy Distillate and Resid in Attachment 2 to the tariffs be revised each year in accordance with a specified formula.

The enclosed tariffs are filed in compliance with the foregoing orders of this Commission and the RCA and Item III.G.6. of the tariffs. Attachment 2F reflects revised adjustments to the reference prices for the Light Distillate, Heavy Distillate and Resid components for the year beginning February 1, 2009 calculated in accordance with the method prescribed in Item III.G.6. A table showing the calculation is attached as Exhibit A.

Likewise, in accordance with the foregoing orders of this Commission and the RCA the Naphtha component on the West Coast is valued using a formula shown in Attachment 2F page 3. The coefficients in this formula are recomputed whenever circumstances require, but not less often than annually, using a regression analysis of prices for gasoline, jet fuel, and naphtha on the Gulf Coast. The result of the regression analysis used to derive the coefficients for the period February 2009 through January 2010 along with the data for the 10 year period 1999-2008 is shown in Exhibit B.

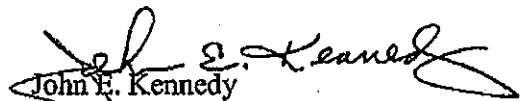
Pursuant to Section 6(3) of the Interstate Commerce Act and 18 C.F.R. § 341.14, the TAPS Carriers request special permission for the enclosed tariffs to be effective on February 1, 2009, which is five days' notice. As noted above, these tariffs are filed to comply with the orders of this Commission and the RCA and Item III.G.6. of the presently effective Quality Bank Methodology tariffs. Moreover, the data necessary to calculate the revised adjustments (from the January *Oil & Gas Journal*) is not available in time to make the required tariff filing more than 30 days prior to February 1, 2009. Because the Quality Bank adjustments are calculated on a monthly basis, it is important that the tariff revisions become effective on February 1, 2009.

Pursuant to 18 C.F.R. § 343.3 of the Commission's regulations, each of the TAPS Carriers other than Koch Alaska Pipeline Company, L.L.C. hereby requests that any protest to its enclosed filing be telefaxed at the time it is filed to its counsel, John E. Kennedy, at the following telefax number: 713.615.5273. Koch Alaska Pipeline Company, L.L.C. requests that any protest to its enclosed filing be telefaxed to its counsel, John B. Rudolph, at the following telefax number: 202.973.1212.

I hereby certify that on or before this day a copy of the enclosed tariffs has been sent to each subscriber on the subscriber list of the appropriate TAPS Carrier by first-class mail or other agreed-upon means of transmission.

Any questions regarding the accompanying tariff should be addressed to John E. Kennedy at 713.758.2550.

Respectfully submitted,



John E. Kennedy
Counsel for BP Pipelines (Alaska) Inc.,
ExxonMobil Pipeline Company,
ConocoPhillips Transportation Alaska, Inc. and
Unocal Pipeline Company

HAND DELIVERED AND RECEIPT
REQUESTED

Enclosures

01/22/2009

TAPS Quality Bank

Index Ratio & Price Adjustments

Effective: February, 2009

Nelson-Farrar Index Ratio

Index Ratio	=	660.0 / 589.8	=	1.1190
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Index Date	Issue Date	Index	Index Date	Issue Date	Index
Sep 2006	02/05/2007	576.6	Sep 2007	02/04/2008	576.8
Oct 2006	03/05/2007	580.8	Oct 2007	03/03/2008	581.0
Nov 2006	04/02/2007	580.0	Nov 2007	04/07/2008	620.6
Dec 2006	05/07/2007	575.5	Dec 2007	05/05/2008	615.2
Jan 2007	06/04/2007	574.7	Jan 2008	06/02/2008	620.6
Feb 2007	07/02/2007	600.6	Feb 2008	07/07/2008	635.8
Mar 2007	08/06/2007	609.7	Mar 2008	08/04/2008	659.6
Apr 2007	09/03/2007	596.9	Apr 2008	09/01/2008	675.3
May 2007	10/01/2007	604.0	May 2008	10/06/2008	714.7
Jun 2007	11/05/2007	605.4	Jun 2008	11/03/2008	736.5
Jul 2007	12/03/2007	594.6	Jul 2008	12/01/2008	766.4
Aug 2007	01/07/2008	579.1	Aug 2008	01/05/2009	717.9
Average		589.8	Average		660.0

Reference Price Adjustments

(This year's Price Adjustments) = (Last year's Price Adjustments) x (Index Ratio)

	Gulf Coast		West Coast	
	(¢/Gal)	(\$/BBL)	(¢/Gal)	(\$/BBL)
Light Distillate				
2008	-0.7206	-0.3027	2008	-0.7206
2009	-0.8064	-0.3387	2009	-0.8064
Heavy Distillate				
2008	-2.8820	-1.2104	2008	-9.3241
2009	-3.2251	-1.3545	2009	-10.4340
Resid				
2008	N/A	-9.8901	2008	N/A
2009	N/A	-11.0673	2009	N/A

Quality Bank

WC Naphtha

1999-2008 Regression

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.99678381
R Square	0.993577964
Adjusted R Square	0.993468186
Standard Error	2.297017707
Observations	120

ANOVA				
	df	SS	MS	Significance F
Regression	2	95508.88427	47754.44214	9050.760854
Residual	117	617.3259708	5.276290348	5.6086E-129
Total	119	96126.21025		

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	0.580656417	0.46199607	1.256842764	0.211313949	-0.334302559	1.495615394	-0.334302559	1.495615394
X Variable 1	0.702094971	0.03558142	19.73206736	5.02527E-39	0.631627836	0.772562106	0.631627836	0.772562106
X Variable 2	0.220767117	0.030696041	7.192038871	6.52481E-11	0.159975219	0.281559014	0.159975219	0.281559014

Effective February 1, 2009	
Gasoline, K1	0.702
Jet Fuel, K2	0.221
Intercept, K3	0.581

GC Naphtha, Gasoline, Jet Fuel Monthly Averages
1999-2008

	X1 GC Gasoline (\$/bbl)	X2 GC Jet Fuel Gulf Coast (\$/bbl)	Y GC Naphtha (\$/bbl)
Jan-99	13.954	14.194	12.777
Feb-99	12.990	13.042	11.315
Mar-99	17.866	15.921	15.812
Apr-99	21.165	18.160	16.938
May-99	20.423	17.438	17.945
Jun-99	20.592	18.638	18.447
Jul-99	23.908	21.705	21.938
Aug-99	25.603	23.852	23.856
Sep-99	27.280	25.913	25.340
Oct-99	24.973	25.080	23.760
Nov-99	27.725	27.838	26.463
Dec-99	27.555	29.588	26.455
Jan-00	29.389	32.721	28.505
Feb-00	34.409	32.910	33.584
Mar-00	36.207	32.634	32.749
Apr-00	30.961	30.234	28.311
May-00	37.421	31.631	33.414
Jun-00	40.831	33.006	36.717
Jul-00	34.971	33.578	31.923
Aug-00	35.693	37.871	34.335
Sep-00	38.102	42.777	36.708
Oct-00	37.082	41.105	36.242
Nov-00	36.207	43.160	35.275
Dec-00	30.545	36.422	30.650
Jan-01	36.158	36.075	35.723
Feb-01	35.111	34.006	31.912
Mar-01	32.886	31.521	30.302
Apr-01	40.816	32.306	36.881
May-01	39.034	34.478	32.051
Jun-01	30.925	32.410	27.370
Jul-01	28.345	29.963	26.563
Aug-01	32.819	32.141	30.706
Sep-01	30.614	30.309	27.474
Oct-01	23.783	26.122	21.598
Nov-01	21.131	22.822	20.270
Dec-01	21.492	21.649	20.166

GC Naphtha, Gasoline, Jet Fuel Monthly Averages
1999-2008

	X1 GC Gasoline (\$/bbl)	X2 GC Jet Fuel Gulf Coast (\$/bbl)	Y GC Naphtha (\$/bbl)
Jan-02	22.7640	22.4410	20.1240
Feb-02	22.8524	23.2476	21.7521
Mar-02	30.2043	26.5965	27.4801
Apr-02	33.0010	28.2402	30.2309
May-02	31.3625	28.1701	28.8278
Jun-02	31.1829	27.5898	28.1074
Jul-02	31.9595	29.2585	29.2905
Aug-02	31.7668	30.5922	29.7832
Sep-02	33.0031	33.8063	32.3899
Oct-02	34.8102	33.3827	33.9958
Nov-02	29.3232	29.9278	26.2837
Dec-02	33.0040	34.2465	33.0200
Jan-03	37.0835	37.4475	37.5435
Feb-03	42.6095	44.5465	41.2446
Mar-03	40.6295	37.6705	38.5695
Apr-03	34.2430	31.4065	31.1030
May-03	33.2010	30.1495	30.9165
Jun-03	34.9545	31.6490	31.1880
Jul-03	37.3619	32.9280	32.8278
Aug-03	41.4815	34.6739	36.2005
Sep-03	34.1610	31.1695	31.4785
Oct-03	35.5713	34.6961	34.9508
Nov-03	34.7060	35.1213	34.7579
Dec-03	35.9670	37.0335	36.9840
Jan-04	41.5728	41.8055	42.3797
Feb-04	43.3739	39.4402	39.1075
Mar-04	46.0334	40.1114	42.9712
Apr-04	48.5790	41.0690	43.3375
May-04	56.4522	46.0766	49.1264
Jun-04	49.3860	43.5295	45.3055
Jul-04	52.1015	48.3660	47.5248
Aug-04	49.6369	51.7407	49.0718
Sep-04	52.2510	57.4615	51.9510
Oct-04	56.8955	64.1895	57.4870
Nov-04	52.2900	56.6013	52.8334
Dec-04	43.8570	51.5145	43.5315

GC Naphtha, Gasoline, Jet Fuel Monthly Averages
1999-2008

	X1 GC Gasoline (\$/bbl)	X2 GC Jet Fuel Gulf Coast (\$/bbl)	Y GC Naphtha (\$/bbl)
Jan-05	52.5735	56.1188	51.5392
Feb-05	52.1137	56.2021	49.7040
Mar-05	62.6339	65.7820	60.3621
Apr-05	65.0320	66.2435	62.1660
May-05	59.4095	61.9430	58.6635
Jun-05	64.2118	69.6899	59.3730
Jul-05	67.5386	69.9725	63.9802
Aug-05	81.7110	78.9002	76.8518
Sep-05	98.6790	94.1680	86.5792
Oct-05	76.0105	100.4495	68.2390
Nov-05	61.0197	71.2310	60.4684
Dec-05	66.0365	72.9290	65.5140
Jan-06	72.0058	76.6159	70.4243
Feb-06	64.8916	74.0222	62.9364
Mar-06	77.5831	78.9038	73.7922
Apr-06	93.2715	87.4258	82.2957
May-06	88.1623	87.2111	75.3232
Jun-06	90.5954	87.5853	82.2231
Jul-06	96.8332	90.5934	85.5623
Aug-06	85.6165	89.5709	74.1788
Sep-06	65.6329	76.2878	64.3571
Oct-06	63.5866	73.1769	64.1545
Nov-06	65.8371	73.2328	64.9551
Dec-06	67.3328	76.2662	66.8840
Jan-07	59.1381	69.4727	59.5240
Feb-07	68.2124	73.4331	67.6753
Mar-07	78.2412	77.6380	76.8476
Apr-07	91.9784	85.4259	89.9010
May-07	98.4862	86.1033	83.9475
Jun-07	92.0200	87.6490	81.1300
Jul-07	90.7690	89.9410	80.8090
Aug-07	84.2817	87.9973	77.4247
Sep-07	88.9494	95.6727	86.3852
Oct-07	89.4059	99.7152	88.2463
Nov-07	99.2979	112.3007	97.7179
Dec-07	95.3656	109.4206	93.2364

GC Naphtha, Gasoline, Jet Fuel Monthly Averages
1999-2008

	X1 GC Gasoline (\$/bbl)	X2 GC Jet Fuel Gulf Coast (\$/bbl)	Y GC Naphtha (\$/bbl)
Jan-08	97.4908	109.4865	96.4458
Feb-08	101.5051	114.9282	97.3891
Mar-08	108.8302	131.3780	105.3809
Apr-08	119.7404	140.6060	115.5604
May-08	133.1863	156.7739	130.3363
Jun-08	140.5423	163.3243	136.2923
Jul-08	135.1088	163.6058	131.9970
Aug-08	125.7395	137.6084	122.0195
Sep-08	131.3721	139.2707	120.3321
Oct-08	75.0354	97.0613	71.7028
Nov-08	51.2555	79.5501	48.7530
Dec-08	39.6794	58.0795	33.8019

Supplement No. 6 to F.E.R.C. No. 33 (BP)
Supplement No. 6 to F.E.R.C. No. 10 (ConocoPhillips)
Supplement No. 6 to F.E.R.C. No. 274 (ExxonMobil)
Supplement No. 6 to F.E.R.C. No. 7 (Koch)
Supplement No. 6 to F.E.R.C. No. 285 (Unocal)

**BP PIPELINES (ALASKA) INC. (BP)
CONOCOPHILLIPS TRANSPORTATION ALASKA, INC. (CONOCOPHILLIPS)
EXXONMOBIL PIPELINE COMPANY (EXXONMOBIL)
KOCH ALASKA PIPELINE COMPANY, L.L.C. (KOCH)
UNOCAL PIPELINE COMPANY (UNOCAL)**

LOCAL PIPELINE TARIFF

CONTAINING THE TAPS
QUALITY BANK METHODOLOGY

GENERAL APPLICATION

This tariff shall apply only to those tariffs which specifically incorporate this tariff, supplements to this tariff and successive issues hereof, by reference.

NOTICES

The changes noted in Attachment [W] 2F are made pursuant to Item III.G.6 of the TAPS Quality Bank Methodology Tariff.

For rules and regulations other than the TAPS Quality Bank Methodology tariff, see F.E.R.C. No. 26 (BP), F.E.R.C. No. 12 (ConocoPhillips), F.E.R.C. No. 307 (ExxonMobil), F.E.R.C. No. 9 (Koch), F.E.R.C. No. 189 (Unocal), supplements thereto and reissues thereof.

The provisions published herein will, if effective, not result in an effect on the quality of the human environment.

SPECIAL PERMISSION REQUESTED

Issued on five days' notice under authority of 18 C.F.R. § 341.14. This tariff publication is conditionally accepted subject to refund pending a 30-day review period

ISSUED JANUARY 26, 2009

EFFECTIVE FEBRUARY 1, 2009

ISSUED BY

Charles J. Coulson, President
BP PIPELINES (ALASKA) INC.
900 East Benson Boulevard
P. O. Box 190848
Anchorage, Alaska 99519-0848

John M. Christal, Vice President, Controller and Treasurer
CONOCOPHILLIPS TRANSPORTATION
ALASKA, INC.
700 G Street, ATO-920
Anchorage, Alaska 99501

Gary W. Pruessing, President
EXXONMOBIL PIPELINE COMPANY
P. O. Box 2220
Houston, Texas 77252-2220

[W] Mike Hoover, Tariff Coordinator
KOCH ALASKA PIPELINE COMPANY, L.L.C.
P. O. Box 2913
Wichita, Kansas 67201-2913

[W] Dolores Barnhill, President
UNOCAL PIPELINE COMPANY
P. O. Box 430
Bellaire, Texas 77402-0430

COMPILED BY
John E. Kennedy
1001 Fannin Street
Houston, TX 77002-6760
713.758.2550

ATTACHMENT 2F CANCELS ATTACHMENT 2E

ATTACHMENT 2F

COMPONENT UNIT VALUE PRICING BASIS

Effective 2/1/09

PROPANE (C₃)

United States Gulf Coast	United States West Coast
Platt's Mt. Belvieu, TX spot quote for Propane.	OPIS's (weekly) Los Angeles delivered spot quote for Propane.

ISOBUTANE (iC₄)

United States Gulf Coast	United States West Coast
Platt's Mt. Belvieu, TX spot quote for Isobutane.	OPIS's (weekly) Los Angeles delivered spot quote for Isobutane.

NORMAL BUTANE (nC₄)

United States Gulf Coast	United States West Coast
Platt's Mt. Belvieu, TX spot quote for Normal Butane.	OPIS's (weekly) Los Angeles delivered spot quote for Normal Butane.

LIGHT STRAIGHT RUN (C₅ – 175°F)

United States Gulf Coast	United States West Coast
Platt's Mt. Belvieu, TX spot quote for Natural Non-Targa.	OPIS's (weekly) Bakersfield delivered spot quote for Natural Gasoline.

NAPHTHA (175° – 350°F)

United States Gulf Coast	United States West Coast
Arithmetic average of (1) Platt's U.S. Gulf Coast spot quote for Waterborne Heavy Naphtha and (2) Platt's U.S. Gulf Coast spot quote for Waterborne Heavy Naphtha Barge.	See Attachment 2, page 3.

ATTACHMENT 2F CANCELS ATTACHMENT 2E

ATTACHMENT 2F

COMPONENT UNIT VALUE PRICING BASIS

Effective 2/1/09

LIGHT DISTILLATE (350° - 450°F)

United States Gulf Coast	United States West Coast
Platt's U.S. Gulf Coast spot quote for Waterborne Jet Kerosene 54 less 0.8064[I] cents per gallon.	Platt's U.S. West Coast spot quote for Waterborne Jet Fuel less 0.8064[I] cents per gallon.

HEAVY DISTILLATE (450° - 650°F)

United States Gulf Coast	United States West Coast
Platt's U.S. Gulf Coast spot quote for Waterborne No. 2 less 3.2251[I] cents per gallon.	Platt's U.S. West Coast spot quote for Los Angeles Pipeline ULS (EPA) Diesel less 10.4340[I] cents per gallon.

GAS OIL (650° - 1050°F)

United States Gulf Coast	United States West Coast
OPIS's U.S. Gulf Coast spot quote for barge High Sulfur VGO.	OPIS's U.S. West Coast (Los Angeles basis) spot quote for High Sulfur VGO.

RESID (1050°F and Over)

United States Gulf Coast	United States West Coast
See Attachment 2, page 4.	See Attachment 2, page 5.

Explanation of symbols:

- [D] Decrease
- [I] Increase
- [U] Unchanged rate (adjustment)
- [W] Change in wording only

ATTACHMENT 2F CANCELS ATTACHMENT 2E

ATTACHMENT 2F

**U.S. WEST COAST NAPHTHA
COMPONENT UNIT VALUE PRICING BASIS**

Effective 2/1/09

West Coast Naphtha Component Value, \$ per Barrel = $0.702[\text{I}] \times \text{Gasoline Price} + 0.221[\text{D}] \times \text{Jet Fuel Price} + 0.581[\text{D}]$

Where:

Gasoline Price – Platt's West Coast Waterborne Unleaded 87, \$ per Barrel

Jet Fuel Price – Platt's West Coast Waterborne Jet Fuel, \$ per Barrel

The prices used are the monthly average of the daily high and low prices.

The three constants in the equation were derived from a dual variable regression analysis of Platt's Gulf Coast monthly average prices for waterborne Naphtha,⁽¹⁾ unleaded 87 Gasoline, and Jet/Kero 54 over the 10-year period January, 1999 through December, 2008. The Quality Bank Administrator will recompute the constants in the regression equation whenever circumstances require, but not less than once each year.

- (1) Through February 2003 – WB Naphtha
March 1, 2003 – August 16, 2003 – WB Heavy Naphtha
Beginning August 17, 2003 – Average WB Heavy Naphtha & Heavy Naphtha Barge

ATTACHMENT 2F CANCELS ATTACHMENT 2E

ATTACHMENT 2F

U.S. GULF COAST RESID
COMPONENT UNIT VALUE PRICING BASIS

Effective 2/1/09

Resid Component Value, \$ per Barrel =

	(0.0348)	x	QB Propane Value, \$/Bbl.
+	(0.0040)	x	QB Isobutane Value, \$/Bbl.
+	(0.0264)	x	QB Normal Butane Value, \$/Bbl.
+	(0.0616)	x	QB LSR Value, \$/Bbl.
+	(0.1008)	x	QB Naphtha Value, \$/Bbl.
+	(0.2046)	x	QB Heavy Distillate Value, \$/Bbl.
+	(0.2929)	x	QB Gas Oil Value, \$/Bbl.
+	(0.0631)	x	Coke Price ⁽¹⁾ - \$5.00
+	(0.2989)	x	Natural Gas Price ⁽²⁾
-	11.0673	[I]	

- (1) Monthly price quoted in *Pace Petroleum Coke Quarterly* for Gulf Coast high sulfur petroleum coke, >50 HGI, mid point price, \$ per metric ton, converted to \$ per short ton.
- (2) Monthly Henry Hub natural gas spot price quote from *Natural Gas Week*, monthly weighted averages, \$ per MMBtu.
- (3) Gulf Coast coker and coker product treatment costs, including capital recovery, \$ per Barrel.

ATTACHMENT 2F CANCELS ATTACHMENT 2E

ATTACHMENT 2F

U.S. WEST COAST RESID
COMPONENT UNIT VALUE PRICING BASIS

Effective 2/1/09

Resid Component Value, \$ per Barrel =

	(0.0348)	x	QB Propane Value, \$/Bbl.
+	(0.0040)	x	QB Isobutane Value, \$/Bbl.
+	(0.0264)	x	QB Normal Butane Value, \$/Bbl.
+	(0.0616)	x	QB LSR Value, \$/Bbl.
+	(0.1008)	x	QB Naphtha Value, \$/Bbl.
+	(0.2046)	x	QB Heavy Distillate Value, \$/Bbl.
+	(0.2929)	x	QB Gas Oil Value, \$/Bbl.
+	(0.0631)	x	Coke Price ⁽¹⁾ - \$8.75
+	(0.2989)	x	Natural Gas Price ⁽²⁾ + \$0.15
-	13.5442 ³		[U]

- (1) Monthly price quoted in *Pace Petroleum Coke Quarterly* for West Coast low sulfur petroleum coke, >2% Sulfur, mid point price, \$ per metric ton, converted to \$ per short ton.
- (2) Monthly California natural gas spot price quote from *Natural Gas Week*, gas price trends, (south, delivered to pipeline), \$ per MMBtu.
- (3) West Coast coker and coker product treatment costs, including capital recovery, \$ per Barrel.

ATTACHMENT 2F CANCELS ATTACHMENT 2E

ATTACHMENT 2F

**COKER PRODUCT YIELD MULTIPLIERS
68 DEGREE F C5 CUT POINT (1)**

Effective 2/1/09

<u>Product</u>	<u>Base Yield (per Bbl.)¹</u>	<u>Yield Impact per +1% MCR (per Bbl.)</u>	<u>Yield Impact per +1 °API (per Bbl.)</u>	<u>Yield Impact per +1% Sulfur (per Bbl.)</u>	<u>Revised Product Yield (per Bbl.)</u>
Propane	0.0348	0.0000	0.0000	0.0000	0.0348
Isobutane	0.0040	0.0000	0.0000	0.0000	0.0040
Normal Butane	0.0264	0.0000	0.0000	0.0000	0.0264
LSR	0.0609	0.0014	0.0008	-0.0003	0.0616
Naphtha	0.0996	0.0023	0.0013	-0.0005	0.1008
Heavy Distillate	0.2080	-0.0078	-0.0039	-0.0013	0.2046
Gas Oil	0.2989	-0.0134	-0.0067	-0.0019	0.2929
Coke	0.0618	0.0030	0.0015	-0.0003	0.0631
Fuel Gas	0.2989	0.0000	0.0000	0.0000	0.2989

	<u>Base</u>	<u>Caleb Brett 2001 Assay</u>
MCR, %	23.00	23.1
°API	5.50	6.2
SULFUR, %	2.50	2.47

¹ From EMT-197 revised to use 68°F cut point for C⁵+