

MOBIL EUGENE ISLAND PIPELINE COMPANY

PROPORTIONAL TARIFF

APPLYING ON

CRUDE PETROLEUM

FROM Offshore Louisiana	TO Louisiana Points	Rate in Cents Per Bbl. of 42 U. S. Gallons
South Pass Area, Block 49	South Pass Block 27 Onshore Facilities, Louisiana (Plaquemines Parish)	[I] 146.60

GRAVITY BANK

Participation in the Gravity Bank is a requirement of transportation.

APPLICATION OF RATE

Rate named in this tariff is applicable only on crude petroleum delivered to carrier at point of origin, for subsequent pipeline transportation beyond destination.

Issued in accordance with 18 CFR § 342.3 (a) relating to indexing ceilings.

ISSUED: May 29, 2009

EFFECTIVE: July 1, 2009

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

[I] Increase

Issued by:
Tim J. Adams, President
Mobil Eugene Island Pipeline
Company
P. O. Box 2220
Houston, Texas 77252-2220

Compiled by:
Authur J. Signater
P. O. Box 2220
Houston, Texas 77252-2220
(713) 656-4968
Fax (713) 656-9586

RULES AND REGULATIONS

Rule 1. **Definitions** - "Company" means and refers to Mobil Eugene Island Pipeline Company and/or other pipeline companies which may, by proper concurrence, be parties to joint tariffs incorporating these rules and regulations by specific reference.

"Barrel" means a barrel of forty-two (42) gallons, United States measurement at 60 degrees Fahrenheit and zero pounds per square inch gauge pressure.

"Company's pipeline" means the Company's undivided interest in the System.

"Crude Petroleum", as used herein, means either the direct liquid products of oil wells, or a mixture of the direct liquid products of oil wells with the indirect liquid products of oil or gas wells, including gasoline and liquefied petroleum gases, as provided in Rule 5.

"Direct Products" means the direct liquid products of oil wells.

"Indirect Liquid Products" means the liquid products resulting from the refining of crude petroleum, operation of gasoline recovery plants, gas recycling plants, and condensate or distillate recovery equipment in gas or oil fields.

"System" means a pipeline system specifically indicated by the origins and destinations described in individual tariffs making reference hereto.

"Tender" means an offer by a shipper to the Company of a stated quantity of crude petroleum for transportation from a specified origin or origins to a specified destination or destinations in accordance with these rules and regulations.

Rule 2. **Commodity** - The Company is engaged in the transportation of crude petroleum exclusively under this tariff, and therefore will not accept any other commodity for transportation hereunder.

Rule 3. **Specifications** - The Company will receive for transportation only good merchantable crude petroleum properly settled and weathered, and which contains not more than one (1) percent basic sediment, water and other impurities, and has a temperature not in excess of one hundred forty (140) degrees Fahrenheit. If crude petroleum is accepted from tankage, settled bottoms in such tanks must not be above a point four (4) inches below the bottom of the pipeline connection with the tank from which it enters Company's facilities.

No crude petroleum will be received unless it is of acceptable character, gravity, and viscosity such that it will be readily susceptible of transportation through Company's existing facilities, and will not materially affect the quality of the other crude petroleum shipments or cause disadvantage to other shippers and/or the Company. Company reserves the right to reject any and all crude petroleum having a vapor pressure in excess of thirteen (13) pounds per square inch, absolute, at a temperature of one hundred (100) degrees Fahrenheit.

If crude petroleum tendered for transportation differs materially in character from that being transported in Company's pipeline, then it will be transported, if at all, only under such terms as the Company and the shipper may agree.

Rule 4. **Maintenance of Identity** - Crude petroleum will be accepted for transportation only on condition that it shall be subject to such changes in gravity, or characteristics while in transit as may result from the mixture with other crude petroleum in the pipeline of the Company. Company shall be under no obligation to deliver the identical crude petroleum received, but may take delivery to consignee out of common stock in the Company's pipeline at delivery point.

Rule 5. **Mixtures** -

(a) Indirect liquid products will be received for transportation only on condition that the indirect liquid products shall be mixed in Company's pipeline with direct products, and providing both the indirect liquid products and the direct liquid products are owned by the same shipper or consignee and are consigned to the same destination.

(b) The indirect liquid products portion of the mixture will be accepted for transportation at reception points other than the one at which the direct products portion of the same mixture is received, provided that the shipper, consignee and destination are the same, and that operating conditions and the Company's facilities permit the indirect liquid products portion to be mixed with the direct products of the same shipper or consignee. the rate to be assessed on each portion of the mixture shall be the rate applicable from the reception point at which each is received.

(c) Indirect liquid products shall not exceed twenty (20) percent by volume of the total mixture of indirect liquid products with direct products, and the vapor pressure of such mixtures shall not exceed thirteen (13) pounds per square inch, absolute, at a temperature of one hundred (100) degrees Fahrenheit.

[U] All rates on this page remained unchanged unless otherwise noted.

F.E.R.C. 75

(d) The indirect liquid products portion and the direct products portion of the mixture will be measured and tested separately and must be shown separately on the shipping order, and if required on separate shipping orders.

(e) Mixtures will be transported and delivered as crude petroleum. Nothing in this Rule is to be construed to waive provisions of Rule 4 of this tariff or to require the Company to receive, transport and deliver unmixed indirect liquid products.

Rule 6. Storage and Destination Facilities - Storage necessarily incident to transportation will be provided by the shipper, and the shipper or consignee must provide storage facilities for receiving the crude petroleum at destination. The Company may refuse to accept crude petroleum for transportation unless satisfactory evidence be furnished that the shipper or consignee has provided the necessary facilities for the prompt receiving of said crude petroleum at its destination.

Rule 7. Legality of Shipments - The Company reserves the right to reject any and all crude petroleum tendered where the shipper or consignee has failed to comply with all applicable laws, rules and regulations made by any governmental authorities regulating shipments of crude petroleum.

Rule 8. Title - The Company shall have the right to reject any crude petroleum, when tendered for transportation, which may be involved in litigation, or the title of which may be in dispute, or which may be incumbered by lien or charge of any kind, and it may require of the shipper satisfactory evidence of his perfect and unencumbered title or satisfactory indemnity bond to protect Company.

Rule 9. Appointment when Tenders are in Excess of Facilities - When there shall be tendered to Company for transportation greater quantities than can be immediately transported, the transportation shall be apportioned among all shippers in proportion to the amounts tendered by each, provided that no tender for transportation shall be considered beyond the amount which the shipper requesting the shipment has on hand available and ready for shipment. Company shall be considered as a shipper of quantities tendered by itself and held for shipment through its lines, and its shipments shall be entitled to participate ratably in such apportionment.

Rule 10. Delivery at Destination - The Company will transport and deliver crude petroleum with reasonable diligence and dispatch considering the quantity and quality of the crude petroleum, the distance of transportation, safety of operations, and other material factors, but will accept no crude petroleum to be transported in time for any particular market.

After any shipment has had time to arrive at destination, and/or on twenty-four (24) hour notice to consignee, Company may begin delivery at its current pumping rate. If the shipper or consignee, is unable or refuses to receive the crude petroleum shipment as it arrives at destination, the Company reserves the right to make whatever arrangements for disposition of the crude petroleum it deems appropriate in order to clear its pipeline. Any expenses incurred by the Company in making such arrangements shall be borne by the shipper or consignee, which charges are in addition to transportation charges accruing to shipper or consignee.

Rule 11. Payment of Transportation and Other Charges - Crude petroleum accepted for transportation shall be subject to the rates in effect on the date of receipt by Company, irrespective of the date of the tender. The shipper or consignee shall pay Company at the rate specified for transportation and all other lawful charges accruing on crude petroleum tendered and accepted for shipment and, if required, shall pay the same before delivery. Company shall have a lien on all crude petroleum in its possession to cover charges for transportation and other lawful charges, and may withhold delivery of crude petroleum until said charges are paid. If such charges remain unpaid for more than five (5) days after notice of readiness to deliver, Company, by agent, may sell said crude petroleum at public auction at the General Office of Company, on any day not a legal holiday and not less than forty-eight (48) hours after publication of notice in a daily newspaper of general circulation published in the city where said General Office is located, said notice giving the time and place of the sale and the quantity of the crude petroleum to be sold. The Company may be a bidder and purchaser at such sale. From the proceeds of the sale, Company may pay itself all charges lawfully accruing, and all expenses of said sale, and the net balance shall be held for whomsoever may be lawfully entitled thereto.

Rule 12. Measuring, Testing, Corrections and Deductions - All shipments tendered Company for transportation shall be tested, gauged or metered by a representative of Company prior to, or at the time of receipt from the shipper or delivery to consignee, but the shipper or consignee shall at all times have the privilege of being present or represented during the testing, gauging or metering. Quantities shall be corrected as to temperature from observed temperature to 60 degrees Fahrenheit basis by use of applicable API-ASTM-IP correction tables. A Centrifuge machine shall be used for ascertaining the

[U] All rates on this page remained unchanged unless otherwise noted.

F.E.R.C. 75

percentage of basic sediment, water and other impurities in the shipment and the full amount of basic sediment, water and other impurities, thus determined, shall be deducted from the corrected volume.

Company shall account to each shipper for all Crude Petroleum received. Any overage or shortage not due to the negligence of Company, including losses or gains resulting from shrinkage, evaporation, expansion or other Crude Petroleum losses or gains inherent in the operation of a pipeline system, will be allocated on a monthly accrual basis among the shippers in the proportion that the total number of barrels delivered from the pipeline system for each shipper bears to the total number of barrels delivered from the pipeline system for all shippers.

The net balance, after applicable deductions defined above, and any loss as provided for in Rule 13 (Liability of Company), will be the quantity deliverable by Company and upon which transportation charges will be assessed.

Rule 13. Liability of Company - The Company shall not be liable for any loss of crude petroleum as described herein, or damage thereto, or delay, because of an act of God, the public enemy, quarantine, the authority of law, strikes, riots, or the acts of default of the shipper or consignee, or from any other cause not due to the diligence of Company; in case of losses from such causes, other than the negligence of Company, losses shall be charged proportionately to each shipment in the ratio that such shipment, or portion thereof, received and undelivered at the time the loss or damage occurs, bears to the total of all shipments, or portions thereof, then in the custody of Company for shipment via the lines or other facilities in which the loss or damage occurs; the consignee shall be entitled to receive only that portion of his shipment remaining after deducting his proportion of such loss or damage, determined as aforesaid, and shall be required to pay transportation charges only on the quantity delivered.

Rule 14. Claims, Suits, Time for Filing - As a condition precedent to recovery, claims must be filed in writing with Company within nine (9) months after delivery of the property, or, in case of failure to make delivery, then within nine (9) months after a reasonable time for delivery has elapsed; and suits shall be instituted against Company only within two (2) years and one (1) day from the day when notice in writing is given by Company has disallowed the claim or any part or parts thereof specified in the notice. Where claims are not filed or suits are not instituted thereon in accordance with the foregoing provisions, Company shall not be liable, and such claims will not be paid.

Rule 15. Use of Communication Facilities - When Company maintains a private communication system, shippers may use the same without extra charge for messages incident to shipment. However, Company shall not be liable for delivery of messages away from its office, delays in transmission, failures of transmission, interruption of service, or the accuracy thereof.

Rule 16. Pipage Contracts - Separate pipage contracts in accord with this Tariff and these rules and regulations covering further details may be required by this Company before any duty for transportation shall arise.

Rule 17. Reconsignment - If no out of line or back haul movement or interference with shipping sequence is required, diversion or reconsignment may be made prior to arrival at original destination without charge, subject to the rates, rules and regulations applicable from point of origin to point of final destination.

Rule 18. Application of Rates for Intermediate Points - For crude petroleum shipments accepted for transportation from any point not named in tariffs making reference hereto which is intermediate to a point from which rates are published in said tariffs, through such unnamed point, the rate published therein from the next more distant point specified in the tariffs will apply from such unnamed point, and the gathering charge at the next more distant point shall apply when gathering service is performed. For crude petroleum shipments accepted for transportation to any point not named in tariffs making reference hereto which is intermediate to a point to which rates are published in said tariffs, through such unnamed point, the rate published therein to the next more distant point specified in the tariffs will apply.

Rule 19. Liability Fund - in addition to transportation charges and all other lawful charges accruing on Crude Petroleum tendered for shipment, a per barrel charge will be assessed and collected in the amount of the tax, fee, or other charge levied against Company in connection with such Crude Petroleum, pursuant to any Federal, State or local act or regulation which levies a tax, fee or other charge on the receipt, delivery, transfer, or transportation of such Crude Petroleum within their jurisdiction for the purpose of creating a fund for the prevention, containment, clean up and removal of spills and the reimbursement of persons sustaining loss therefrom.

[U] All rates on this page remained unchanged unless otherwise noted.

F.E.R.C. 75

Rule 20. **Tender Requirements** - Crude Petroleum will be accepted for transportation under tariffs making reference hereto from one Shipper consigned to one consignee and destination; provided, however, that Crude Petroleum will be accepted only at such times as Crude Petroleum of similar quality and characteristics is being transported from receiving point to delivery point.

Company requires that Tenders for shipment of Crude Petroleum on its pipeline systems be received on or before 4:15 P.M., Central Standard Time or Central Daylight Savings Time, the last working day prior to the 26th day of the month preceding the month during which shipment is requested. Written confirmation of verbal tenders for shipment must be provided by the first of the month during which shipment is requested.

Rule 21. **Gravity Bank** - The Carrier has established a gravity bank to calculate, collect and remit monetary adjustments among all Shippers tendering within the common stream from changes in gravity which result from common stream operations.

The Table of Gravity Adjustment Authorization as attached hereto as Exhibit A is incorporated herein and made a part of Rule 21. Factors in the Gravity Adjustment Authorization Table shall be as published by GRAVCAP, Inc. Carrier will revise Gravity Adjustment Authorization Table only if there has been an increase or decrease made by GRAVCAP, Inc. in its Gravity Adjustment Authorization Table.

An announcement stating the new Gravity Adjustment Authorization Table will be made by tariff filing by Carrier to Shippers. Said Table will be filed to be effective 45 days from the date of change of GRAVCAP, Inc.'s published Gravity Adjustment Authorization Table and upon the first day of the next month after that 45 day period has elapsed.

Carrier shall administer the gravity bank providing adjustments for the value of crudes of different gravities in the manner specified below:

I. COMMON STREAM CALCULATION

At the end of each month, the weighted average gravity value of the gravity bank will be determined for all crude petroleum being received (Receipt Bank) into the commingled common stream system and similarly for the crude petroleum being delivered (Delivery Bank) out of the system. This value will be determined by dividing the total number of barrels received into the sum total of the products obtained by multiplying each receipt volume in such stream by the gravity value per barrel obtained from the gravity value table. Similar calculations will be made with respect to the deliveries.

II. SHIPPER CALCULATION

At the end of each month, each Shipper's gravity value will be determined by multiplying the quantity of barrels received from such Shipper by the gravity value per barrel obtained from the gravity value table. Similar calculations will be made with respect to the deliveries.

III. RECEIPT BANK

(a) If the weighted gravity value per barrel for a Shipper as determined under II is greater than that determined for the common stream under I, the Shipper will be credited an amount which shall be calculated by multiplying the differences in gravity value per barrel by the total barrels received from such Shipper.

(b) If the weighted average gravity value per barrel for a Shipper as determined under II is less than that determined for the common stream under I, the Shipper will be debited an amount which shall be calculated by multiplying the differences in gravity value per barrel by the total barrels received from such Shipper.

(c) The sum of debits and credits for all Shippers is zero.

(d) Carrier will provide at the end of each month a record of the Shipper's calculation and debit or credit amount.

IV. DELIVERY BANK

- (a) If the weighted average gravity value per barrel for a Shipper as determined under II is greater than that determined for the common stream under I, the shipper will be debited an amount which shall be calculated by multiplying the difference in gravity value per barrel by the total barrels delivered for such Shipper.
- (b) If the weighted average gravity value per barrel for a Shipper as determined under II is less than that determined for the common stream under I, the Shipper will be credited an amount which shall be calculated by multiplying the difference in gravity value per barrel by the total barrels delivered for such Shipper.
- (c) The sum of debits and credits for all Shippers is zero.
- (d) Carrier will provide at the end of each month a record of the Shipper's calculation and debit or credit amount.

V. EXAMPLE OF GRAVITY BANK SETTLEMENT

- (a) Receipt Bank

Shipper	Shipment Volume (Bbls) Received	Measured Gravity ° API	Gravity Value \$/Bbl*	Volume x Value \$
A	50	24.5	3.425	171.25
A	20	23.7	3.305	66.10
TOTAL (A)	70	-----	-----	237.35
B	30	24.9	3.485	104.55
TOTAL (A+B)	100	-----	-----	341.90

* Gravity Value is listed in Exhibit "A" table

Common Stream Value = 341.90 (total volume value) divided by 100 (total shipment volume of shipper A and B = 3.41900).

Shipper A Calculation	Weighted average gravity value per bbl. = 237.35 divided by 70 (total shipment volume of A) = 3.39071 (3.39071 - 3.41900) x 70 = shipper A pays <u>\$1.98</u>
Shipper B Calculation	(3.485 - 3.41900) x 30 = shipper B receives <u>\$1.98</u>
Sum of payments and receipts is zero.	

(b) Delivery Bank

Shipper	Shipment Volume (Bbls) Received	Measured Gravity ° API	Gravity Value \$/Bbl*	Volume x Value \$
A	40	24.4	3.410	136.40
A	29	24.8	3.470	100.63
TOTAL (A)	69	-----	-----	237.03
B	29	24.2	3.380	98.02
TOTAL (A+B)	98	-----	-----	335.05

* Gravity Value is listed in Exhibit "A" table

Common Stream Value = 335.05 (total volume value) divided by 98 (total shipment volume of shipper A and B = 3.41888.

Shipper A Calculation	Weighted average gravity value per bbl. = 237.03 divided by 69 (total shipment volume of A) = 3.43522 (3.43522 - 3.41888) x 69 = shipper A pays <u>\$1.13</u>
Shipper B Calculation	(3.380 - 3.41888) x 29 = shipper B receives <u>\$1.13</u>
Sum of payments and receipts is zero.	

VI. PAYMENTS

- (a) At the end of each Quarter, a statement shall be rendered to each Shipper setting forth the net debit or credit balance of said Shipper's gravity value account and specifying the amount required to be paid (or received) to settle the amount.
- (b) All payments due from Shippers shall be made within (twenty) 20 days of the statement date. All crude petroleum which is received from a Shipper who has failed to pay such amounts shall be subject to the imposition of a lien to obtain payment of such amounts.
- (c) Carrier may, at its option, require the Shipper to pay all estimated obligations in advance or to provide an irrevocable letter of credit satisfactory to the Carrier for such obligations.
- (d) Payments to or from the Shippers as a result of Gravity Bank are not part of the transportation tariff rate of Carrier and said payment shall not be offset or otherwise claimed by any Shipper against sums due Carrier for transportation or other charges collected pursuant to Carrier's tariff rules.

EXHIBIT "A"

TABLE OF GRAVITY ADJUSTMENT AUTHORIZATION FACTORS

API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl
10.0	1.250	15.0	2.000	20.0	2.750	25.0	3.500	30.0	4.250	35.0	5.000	40.0	5.100
10.1	1.265	15.1	2.015	20.1	2.765	25.1	3.515	30.1	4.265	35.1	5.000	40.1	5.100
10.2	1.280	15.2	2.030	20.2	2.780	25.2	3.530	30.2	4.280	35.2	5.000	40.2	5.100
10.3	1.295	15.3	2.045	20.3	2.795	25.3	3.545	30.3	4.295	35.3	5.000	40.3	5.100
10.4	1.310	15.4	2.060	20.4	2.810	25.4	3.560	30.4	4.310	35.4	5.000	40.4	5.100
10.5	1.325	15.5	2.075	20.5	2.825	25.5	3.575	30.5	4.325	35.5	5.000	40.5	5.100
10.6	1.340	15.6	2.090	20.6	2.840	25.6	3.590	30.6	4.340	35.6	5.000	40.6	5.100
10.7	1.355	15.7	2.105	20.7	2.855	25.7	3.605	30.7	4.355	35.7	5.000	40.7	5.100
10.8	1.370	15.8	2.120	20.8	2.870	25.8	3.620	30.8	4.370	35.8	5.000	40.8	5.100
10.9	1.385	15.9	2.135	20.9	2.885	25.9	3.635	30.9	4.385	35.9	5.000	40.9	5.100
11.0	1.400	16.0	2.150	21.0	2.900	26.0	3.650	31.0	4.400	36.0	5.020	41.0	5.100
11.1	1.415	16.1	2.165	21.1	2.915	26.1	3.665	31.1	4.415	36.1	5.020	41.1	5.100
11.2	1.430	16.2	2.180	21.2	2.930	26.2	3.680	31.2	4.430	36.2	5.020	41.2	5.100
11.3	1.445	16.3	2.195	21.3	2.945	26.3	3.695	31.3	4.445	36.3	5.020	41.3	5.100
11.4	1.460	16.4	2.210	21.4	2.960	26.4	3.710	31.4	4.460	36.4	5.020	41.4	5.100
11.5	1.475	16.5	2.225	21.5	2.975	26.5	3.725	31.5	4.475	36.5	5.020	41.5	5.100
11.6	1.490	16.6	2.240	21.6	2.990	26.6	3.740	31.6	4.490	36.6	5.020	41.6	5.100
11.7	1.505	16.7	2.255	21.7	3.005	26.7	3.755	31.7	4.505	36.7	5.020	41.7	5.100
11.8	1.520	16.8	2.270	21.8	3.020	26.8	3.770	31.8	4.520	36.8	5.020	41.8	5.100
11.9	1.535	16.9	2.285	21.9	3.035	26.9	3.785	31.9	4.535	36.9	5.020	41.9	5.100
12.0	1.550	17.0	2.300	22.0	3.050	27.0	3.800	32.0	4.550	37.0	5.040	41.0	5.100
12.1	1.565	17.1	2.315	22.1	3.065	27.1	3.815	32.1	4.565	37.1	5.040	41.1	5.100
12.2	1.580	17.2	2.330	22.2	3.080	27.2	3.830	32.2	4.580	37.2	5.040	41.2	5.100
12.3	1.595	17.3	2.345	22.3	3.095	27.3	3.845	32.3	4.595	37.3	5.040	41.3	5.100
12.4	1.610	17.4	2.360	22.4	3.110	27.4	3.860	32.4	4.610	37.4	5.040	41.4	5.100
12.5	1.625	17.5	2.375	22.5	3.125	27.5	3.875	32.5	4.625	37.5	5.040	41.5	5.100
12.6	1.640	17.6	2.390	22.6	3.140	27.6	3.890	32.6	4.640	37.6	5.040	41.6	5.100
12.7	1.655	17.7	2.405	22.7	3.155	27.7	3.905	32.7	4.655	37.7	5.040	41.7	5.100
12.8	1.670	17.8	2.420	22.8	3.170	27.8	3.920	32.8	4.670	37.8	5.040	41.8	5.100
12.9	1.685	17.9	2.435	22.9	3.185	27.9	3.935	32.9	4.685	37.9	5.040	41.9	5.100
13.0	1.700	18.0	2.450	23.0	3.200	28.0	3.950	33.0	4.700	38.0	5.060	42.0	5.100
13.1	1.715	18.1	2.465	23.1	3.215	28.1	3.965	33.1	4.715	38.1	5.060	42.1	5.100
13.2	1.730	18.2	2.480	23.2	3.230	28.2	3.980	33.2	4.730	38.2	5.060	42.2	5.100
13.3	1.745	18.3	2.495	23.3	3.245	28.3	3.995	33.3	4.745	38.3	5.060	42.3	5.100
13.4	1.760	18.4	2.510	23.4	3.260	28.4	4.010	33.4	4.760	38.4	5.060	42.4	5.100
13.5	1.775	18.5	2.525	23.5	3.275	28.5	4.025	33.5	4.775	38.5	5.060	42.5	5.100
13.6	1.790	18.6	2.540	23.6	3.290	28.6	4.040	33.6	4.790	38.6	5.060	42.6	5.100
13.7	1.805	18.7	2.555	23.7	3.305	28.7	4.055	33.7	4.805	38.7	5.060	42.7	5.100
13.8	1.820	18.8	2.570	23.8	3.320	28.8	4.070	33.8	4.820	38.8	5.060	42.8	5.100
13.9	1.835	18.9	2.585	23.9	3.335	28.9	4.085	33.9	4.835	38.9	5.060	42.9	5.100
14.0	1.850	19.0	2.600	24.0	3.350	29.0	4.100	34.0	4.850	39.0	5.080	43.0	5.100
14.1	1.865	19.1	2.615	24.1	3.365	29.1	4.115	34.1	4.865	39.1	5.080	43.1	5.100
14.2	1.880	19.2	2.630	24.2	3.380	29.2	4.130	34.2	4.880	39.2	5.080	43.2	5.100
14.3	1.895	19.3	2.645	24.3	3.395	29.3	4.145	34.3	4.895	39.3	5.080	43.3	5.100
14.4	1.910	19.4	2.660	24.4	3.410	29.4	4.160	34.4	4.910	39.4	5.080	43.4	5.100
14.5	1.925	19.5	2.675	24.5	3.425	29.5	4.175	34.5	4.925	39.5	5.080	43.5	5.100
14.6	1.940	19.6	2.690	24.6	3.440	29.6	4.190	34.6	4.940	39.6	5.080	43.6	5.100
14.7	1.955	19.7	2.705	24.7	3.455	29.7	4.205	34.7	4.955	39.7	5.080	43.7	5.100
14.8	1.970	19.8	2.720	24.8	3.470	29.8	4.220	34.8	4.970	39.8	5.080	43.8	5.100
14.9	1.985	19.9	2.735	24.9	3.485	29.9	4.235	34.9	4.985	39.9	5.080	43.9	5.100

EXHIBIT "A"

TABLE OF GRAVITY ADJUSTMENT AUTHORIZATION FACTORS

API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl	API Grav	Diff \$/Bbl
45.0	5.100	50.0	4.350	55.0	3,600								
45.1	5.085	50.1	4.355										
45.2	5.070	50.2	4.320										
45.3	5.055	50.3	4.305										
45.4	5.040	50.4	4.290										
45.5	5.025	50.5	4.275										
45.6	5.010	50.6	4.260										
45.7	4.995	50.7	4.245										
45.8	4.980	50.8	4.230										
45.9	4.965	50.9	4.215										
46.0	4.950	51.0	4.200										
46.1	4.935	51.1	4.185										
46.2	4.920	51.2	4.170										
46.3	4.905	51.3	4.155										
46.4	4.890	51.4	4.140										
46.5	4.875	51.5	4.125										
46.6	4.860	51.6	4.110										
46.7	4.845	51.7	4.095										
46.8	4.830	51.8	4.080										
46.9	4.815	51.9	4.065										
47.0	4.800	52.0	4.050										
47.1	4.785	52.1	4.035										
47.2	4.770	52.2	4.020										
47.3	4.755	52.3	4.005										
47.4	4.740	52.4	3.990										
47.5	4.725	52.5	3.975										
47.6	4.710	52.6	3.960										
47.7	4.695	52.7	3.945										
47.8	4.680	52.8	3.930										
47.9	4.665	52.9	3.915										
48.0	4.650	53.0	3.900										
48.1	4.635	53.1	3.885										
48.2	4.620	53.2	3.870										
48.3	4.605	53.3	3.855										
48.4	4.590	53.4	3.840										
48.5	4.575	53.5	3.825										
48.6	4.560	53.6	3.810										
48.7	4.545	53.7	3.795										
48.8	4.530	53.8	3.780										
48.9	4.515	53.9	3.765										
49.0	4.500	54.0	3.750										
49.1	4.485	54.1	3.755										
49.2	4.470	54.2	3.720										
49.3	4.455	54.3	3.705										
49.4	4.440	54.4	3.690										
49.5	4.425	54.5	3.675										
49.6	4.410	54.6	3.660										
49.7	4.395	54.7	3.645										
49.8	4.380	54.8	3.630										
49.9	4.365	54.9	3.615										

For API Gravity values above 55.0° API, the differential continues to decline 0.015/bbl per 0.1° API Gravity.