Monthly Reference Price Calculations

July 1998

Natural Gas Reference Price: July 1998

| The Natural Gas Reference Price for July 1998 is \$1.83 /GJ with a breaker | down as follows: |
|--|------------------|
| Weighted Average Price of Alberta Gas: | 2.160 \$/GJ |
| Deductions: | |
| Intra-Alberta Transportation: | 0.253 \$/GJ |
| Marketing Allowance: | 0.014 \$/GJ |
| Price before Pipeline Factor: | 1.893 \$/GJ |
| Pipeline Fuel/Loss Factor: | .986 |
| Price Before Special Adjustment: | 1.866 \$/GJ |
| Special Adjustment: | 0.000 \$/GJ |
| Calculated RP (Price before 2% amendment limitation or rounding): | 1.866 \$/GJ |
| Amendments: | |
| Brought forward (From Previous RP Month): | - 0.212 \$/GJ |
| Prior Period Amendment Adjustment (Current RP Month) |): - 0.019 \$/GJ |
| Calculated RP After Amendments: | 1.635 \$/GJ |
| July 1998 Reference Price: | 1.83 \$/GJ |
| Difference - Value is carried forward to next RP month: | -0.195 \$/GJ |

Natural Gas Liquids Reference Price: July 1998

The following are the Natural Gas Liquids Reference Prices and Transportation Allowances for July 1998 and are expressed in \$\mathscr{4}m3\$

| Pentanes Reference Price | 123.90 |
|-----------------------------|--------|
| Pentanes Par Price | 114.62 |
| Propane Reference Price | 61.64 |
| Butane Reference Price | 60.11 |
| Propane Floor Price | 53.27 |
| Butane Floor Price | 57.97 |

Transportation Allowances: July 1998

Pentanes Plus (Spec Pentanes)

| Region 1 | 5.08 |
|----------|------|
| Region 2 | 6.00 |
| Region 3 | 9.43 |
| Region 4 | 6.11 |

Propanes & Butanes (Spec Product)

| Region 1 | 3.46 |
|----------|------|
| Region 2 | 1.77 |
| Region 3 | 2.20 |
| Region 4 | 1.37 |

Pentanes Plus, Propane & Butanes (NGL Mix)

| Region 1 | 2.28 |
|----------|------|
| Region 2 | 4.79 |
| Region 3 | 6.52 |
| Region 4 | 4.57 |

Fractionation allowance \$7.00

Natural Gas Royalty Rates: July 1998

Royalty Rates for the month of July 1998 are:

 Gas New
 22.63158 %

 Gas Old
 34.83918 %

 Pentanes New
 30.12642 %

 Pentanes Old
 39.50305 %

Select Prices for 1998

| New Gas | 1.188 \$/GJ |
|----------|-----------------|
| Old Gas | 0.353 \$/GJ |
| Pentanes | 42.97 \$ per m3 |