

SUMMARY OF COSTS OF COKING ANS RESID (1996 BASIS)

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|--|--------------------------------------|
| Coker Size: | 40,000 Barrels Per Stream Day |
| Coker Utilization Rate: | 87% |
| Capital Investment, \$MM | |
| Coker | |
| ISBL | 107.4 |
| OSBL @ 35% ISBL | 37.6 |
| Total Coker | <u>145.0</u> |
| Coker Product Treatment Facilities ⁽¹⁾ | <u>21.4</u> |
| Total Capital | 166.4 |
| | <u>\$/Bbl.</u> |
| | <u>Resid</u> |
| Capital Recovery @ 20% / Yr. | 2.62 |
| Operating Costs (Including Coker Product Treatment) | |
| Variable Costs | 0.79 |
| Fixed Costs | 0.89 |
| Total Operating Costs | 1.68 |
| Total Operating Costs and Capital Recovery | 4.30 |

NOTE: (1) Includes only the portion of existing capacity utilized to treat coker products.

FEDERAL ENERGY REGULATORY COMMISSION

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Testimony of John B. O'Brien
On Resid and Heavy Distillate Values