

TABLE 1. - Latest test results of the Bruceton gasifier
compared to assumptions made in cost estimates

Assumptions	Plant test ^{a/}			
	#196	#199	#197	#204
Throughput 25 lb/hr-ft ³	32	30	43	36
Product Gas ^{b/}				
16.2 scf/lb coal	18.0	18.6	16.2	17.3
18.0 scf/lb MAF coal	19.4	20.2	17.5	19.0
CH ₄				
4.45 scf/lb coal	4.40	4.65	4.16	4.51
4.95 scf/lb MAF coal	4.74	5.04	4.48	4.97
CH ₄ Concentrations of product gas 27.5%	24.4	24.5	25.4	25.9
Carbon Conversion to gas 66.8%	66.3	71.0	59.0	64.9
Steam Decomposition 39%	38	32	32	37
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^{a/} Pittsburgh seam coals				
^{b/} H ₂ + CO + CH ₄ + C ₂ H ₆				