



SPC-215

CL 1147-57/R2-981
G 1147-57/R2-981

OTTAWA, November 13, 1973.

SPECIAL APPROVAL

Granted to: Columbia Natural Gas Ltd.,
Cranbrook, B.C.

Attention: Mr. K. McLean, General Manager.

Subject: Rockwell Type T Temcorectors
with built-in Supercompressibility Factors

Special Approval has been granted by the Standards Branch to Columbia Natural Gas for the use of the following equipment in the measurement of gas

- 2 Rockwell Type T Temcorectors
Serial B3749 and B3750.

These instruments have been adjusted and calibrated for an average atmospheric pressure of 13.10 psia, a base pressure of 13.35 psia, a pressure range of 0-100 psig and a temperature range of -20° to +130°F. Both instruments correct for super-compressibility and the factor is based on 0.61 specific gravity gas at 60°F. The correction varies with pressure as follows:

<u>Press.</u>	<u>(Fpv)²</u>
20 psig	1.0032
40 "	1.0064
60 "	1.0094
80 "	1.0128
100 "	1.0161

W.J.S. Fraser
W.J.S. Fraser,
Chief,
Electricity and Gas Division.

c.c. Rockwell, Guelph
Mr. A. L. Heaven, Penticton
Mr. R.G.D. Ward, Vancouver
Mr. F. W. Mason, Toronto.