



Department of consumer and corporate affairs / Ministère de la consommation et des corporations

SPC-127

SE-85-G
SL-100-G
SL-100-SPG

OTTAWA, September 11, 1971.

SPECIAL APPROVAL

Granted to: Amoco Canadian Petroleum Co. Ltd.,
9916A Richmond Avenue,
Grande Prairie, Alberta.

Attention: Mr. Steve Gordon

Subject: Special 18" Non-Standard Orifice Meter Run

Special Approval has been granted by the Standards Branch to Amoco Canadian Petroleum Company for the use of an 18" orifice meter run at the Beaver River Dehydration Facility. This run will be used for sales of gas to Westcoast Transmission Company. Details of the meter run are as follows:

Identification	
Nom. Pipe Size	18"
Schedule No.	80
Inside Diameter	16.126"
Maximum Flow	500,000 MSCFD
Normal Flow	439,493 MSCFD
Flow Pressure	1175 psig
Flow Temperature	112° F
Base Pressure	14.7 psia
Base Temperature	60° F
Plant Elevation	1400 feet
Vapor gas mol. wt.	18.5
Meter Run Fitting	SENIOR
-ASA rating	600#
Flange Taps	
Upstream straight pipe	52'6"
Downstream straight pipe	7'6"
Beta($\frac{d}{D}$) ratio	.70

The Basic Orifice Factor F_c for this meter run shall be calculated

in accordance with Appendix B, Gas Measurement Committee Report #3, revision 1969, American Gas Association, since interpolation from the tables can produce significant errors. The other factors for the flow computation shall be taken from the tables in Report #3. It is understood that calculation data for the meter run and orifice will be furnished to the customer for his permanent record.

This approval is contingent upon the meter run passing inspection of the Edmonton District Office of Electricity and Gas.

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

c.c. Mr. J. K. Taylor, Edmonton
Mr. W. A. Sayers, Winnipeg
Mr. H. E. Hockersmith, Kansas City, Missouri
Mr. Don Hunter, Westcoast Transmission

