

SPG-180

1147-4  
3535-3

OTTAWA, July 28, 1972.

TEMPORARY SPECIAL APPROVAL

Granted to: Diamond Valley Gas Co-op. Ltd.,  
Eckville, Alberta.

Attention: Bell & Fenske Consulting Engineering Ltd.,  
5627-21st S. West,  
Calgary, Alberta.

Subject: Use of Pressure Factor in Gas Metering  
Installations.

Temporary Special Approval has been granted by the Standards Branch to Diamond Valley Gas Co-op. Ltd., to apply a pressure factor in the measurement of gas at the following installations under the stated conditions which apply in all cases:

Nature of load	Farmstead
Service line pressure	M.O.P. 50 psig
Upstream regulator	3/4" Reliance 268-5/16" orifice
Base pressure	atmospheric pres. + 4 oi.
Average atmospheric pressure	3160 ft. ASL-13.17 psi
Pressure compensation factor	<u>Av. atm. pres. + Reg. pres.</u>
	Base pressure
Meter type	Canadian Meter AL 225 and AL 425 positive displacement diaphragm meters as listed. All meters temperature compensated.
Downstream regulators	3/4" x 1" Reliance 1633B or 1833B 5/16" orifice. Full capacity inter- nal relief - under pressure shutoff

This service may be subject to "spot checks" by the Electricity and Gas Inspection Service at any time with reasonable notice.



# CONSULTING ENGINEERING LTD.

• • • • • 5627 21 ST. SW. CALGARY • • • • TELEPHONE 243 3497 • • • • •

## List of installations: Diamond Valley Gas Co-op Ltd.

Farmstead located at SE1/4-17-39-2-W5M use AL 425 meter. Peak load 1200 C.F.H., measure gas at 10 psig pressure and use pressure compensation factor of: 1.72352

All others listed below use AL 225 meters. Measure gas at 5 psig., have a peak load of 250 C.F.H. and use the pressure compensating factor of 1.35394

NE-13-39-4-W5M	NW-19-39-3-W5M	SW-30-39-3-W5M
SE-31-39-3-W5M	NE-23-39-3-W5M	NE-26-39-3-W5M
SE-26-39-3-W5M	NE-25-39-3-W5M	SW-25-39-3-W5M
NW-25-39-3-W5M	NW-30-39-2-W5M	SE-31-39-2-W5M
SW- 6-40-2-W5M	NE- 1-40-3-W5M	SW- 7-40-2-W5M
NW-19-39-2-W5M	SW-20-39-2-W5M	SE-29-39-2-W5M
SW-28-39-2-W5M	SW-21-39-2-W5M	NE-20-39-2-W5M
SW-19-39-2-W5M	SE-15-39-2-W5M	NE-10-39-2-W5M
NE- 9-39-2-W5M	SW-10-39-2-W5M	SW-11-39-2-W5M
NW- 2-39-2-W5M	SE- 2-39-2-W5M	SW- 2-39-2-W5M
SW- 3-39-2-W5M	SE- 4-39-2-W5M	SW- 4-39-2-W5M
NE-33-38-2-W5M	NE-24-39-3-W5M	NE-12-39-3-W5M
SE-12-39-3-W5M	NE- 1-39-3-W5M	NW- 6-39-2-W5M
SE- 6-39-2-W5M	SE-14-39-3-W5M	SE-14-39-3-W5M
SE-22-39-3-W5M	NE-15-39-3-W5M	SW-15-39-3-W5M
NE-10-39-3-W5M		



This approval is temporary and will expire when permanent regulations pertaining to pressure factor measurement are put into effect.

*W. J. S. Fraser*

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

c.c. Mr. A. S. Park  
Mr. W.A. Sayers

