



SPG-136

1147-4

3585-3

OTTAWA, August 4, 1972

TEMPORARY SPECIAL APPROVAL

Granted to: Dalum Gas Co-op. Ltd.
Alberta

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

Subject: Use of Pressure Factor in Gas Metering
Installations.

Temporary Special Approval has been granted by the Standards Branch to Dalum 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 pressure plus 4 oz. |
| Average atmospheric pressure | 2900' ASL-13.3 psi |
| Pressure compensation factor | <u>Av. atm. pres. + Reg. pres.</u> Base pres. |
| Type of meter | Canadian Meter AL 225 positive displacement diaphragm meters as listed |
| Downstream regulator | All meters temperature compensated. 5/16" orifice. Full capacity internal relief under pressure shutoff. |

Reliance 16335 and 18338

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

BELL & FENSKE
CONSULTING ENGINEERING LTD.

••••• 5627 - 21 ST. S.W. CALGARY ••••• TELEPHONE 243 8497 •••••

LIST OF INSTALLATIONS.

All farms use AL 225-5 psi. meters.
All farms have approx: 200 C.F.H. peak load.
All the gas consumed is measured at 5 psig. pressure.
Pressure compensation factor used to calculate consumption is 1.35055.

Location of farmsteads:

| | | |
|-----------------|-----------------|-----------------|
| NW-17-27-20-W4M | SW-16-27-20-W4M | NE- 9-27-20-W4M |
| NE-10-27-20-W4M | NE- 3-27-20-W4M | NE-11-27-20-W4M |
| NW-17-27-19-W4M | SE-17-27-19-W4M | SE-17-27-19-W4M |
| SW-15-27-19-W4M | SE- 8-27-19-W4M | NW- 9-27-19-W4M |
| NE- 9-27-19-W4M | NE-36-26-20-W4M | NE-24-26-20-W4M |
| NE-31-26-19-W4M | SW-33-26-19-W4M | NW-20-26-19-W4M |
| NE-16-26-19-W4M | SE- 6-28-19-W4M | SW-32-27-19-W4M |
| NE-32-27-19-W4M | SW-29-27-19-W4M | NW-20-27-19-W4M |
| NE-19-27-19-W4M | SE-24-27-20-W4M | SE-25-27-20-W4M |
| SW-21-27-19-W4M | SW-27-27-19-W4M | NE-23-27-19-W4M |
| NW-17-27-18-W4M | NE-26-27-19-W4M | NW-35-27-19-W4M |
| SW- 1-28-19-W4M | SW- 2-28-19-W4M | SW-11-28-19-W4M |
| NE- 3-28-19-W4M | SE- 8-28-19-W4M | |

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

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

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

