



Mountain West Services Ltd.

## Inspection Report - CNRL # 7117

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### 486625- LINE HEATER

#### UT External

<b>Province:</b>	Alberta	<b>Manway:</b>	NO
<b>District:</b>	GPOU	<b>Coating:</b>	No
<b>Location:</b>	MONTNEY	<b>Inspect Date:</b>	10/26/2006
<b>LSD:</b>	14-04-075-11W6	<b>Inspection Interval:</b>	48
<b>CRN:</b>	B60.2134578T	<b>Next Inspection:</b>	10/26/2010
<b>Skid/Equipment Number:</b>	SKID0243	<b>MAWP:</b>	10 PSI 68.948 KPa
<b>Service:</b>	Sour	<b>Temperature:</b>	200 F 93.33 C
<b>Status:</b>	In Service	<b>Outstanding NCRs:</b>	0

#### General:

2006 Ultrasonic Corrosion Survey.

#### Safety Valves:

<b>Status:</b> In Service	<b>Examination Methods:</b> UT	<b>Access:</b> External	<b>Cleaning:</b> Good
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#### External:

Refer to 2006 VT External inspection report as part of this thorough inspection.

#### Internal:

The line heater tube bundle nozzles were UT inspected for wall loss.

Hunt Inspections's Ultrasonic Corrosion Survey Project #C10093, as reported on Drawing #159, noted all nozzle thickness readings to be above ASME B31.3 code requirements at time of inspection. The calculated retirement date is 2026 with a program maximum of 20 years.

The associated piping was also inspected with no notable wall loss recorded.

Caution was generated on piping TML 159-45. Calculations indicate the area is well above minimum required thickness for design conditions.

The elbow appears to be at the low end of the 12.5% allowable mill undertolerance.

Next inspection is 4 years or 1/2 remaining life, whichever is less.

**Recommendations:**

Recommend 4 year interval for next UT inspection.  
Ultrasonic Corrosion Survey due again in 2010.

**Inspector's Declaration:** I have witnessed the above inspections and certify that they have been done in accordance with our manual and that the information is accurate. I certify that the status of the pressure equipment detailed here is:

<b>Suitable to be returned to service:</b> Yes	<b>Repairs complete:</b> N/A
<b>Repairs are still required:</b> No	<b>Suggested Inspection Interval:</b> 48
<b>Inspector:</b> Duane Paetkau Cert #000087 <b>Date:</b> 3/13/2007	
<b>Chief Inspector:</b> I certify that the information on this report is true and that all inspections required by the Owner/User Quality Assurance Program# AQP-8047 which expires in 12/06/05 have been done.	
<b>Chief Inspector:</b> Jim Damiani Cert 00037 <b>Date:</b> 3/28/2007	

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