

## Field Inspection Report - Long\_Run 3162237\_07/20/2014\_UT\_External

<b>Vessel Number</b>	3162237	<b>Vessel Name</b>	GAS/GAS EXCHANGER	<b>Province</b>	Alberta
<b>District</b>	NORTHERN - AB	<b>LSD</b>	03-26-074-01W6	<b>Location</b>	PUSKWASKAU
<b>Method</b>	UT	<b>Access</b>	External	<b>Cleaning</b>	Good
<b>Inspection Date (mm/dd/yyyy)</b>	07/20/2014	<b>Inspection Interval (months)</b>	60	<b>Next Inspection (mm/dd/yyyy)</b>	07/20/2019
<b>CRN</b>	N1341.2	<b>Skid Number</b>	PKG62777	<b>Service</b>	Sweet
<b>Internal Access</b>	Yes	<b>Internal Coating</b>	No	<b>Status</b>	In Service
<b>MAWP (PSI)</b>	1320	<b>MAWP (kPa)</b>	9101.14	<b>Outstanding NCRs</b>	0
<b>MAWT (°C)</b>	66.11	<b>MAWT (°F)</b>	151		

### General

2014 Ultrasonic Corrosion Survey.

### Safety Valves

PSV P99578 Shell side. Set pressure: 1320 PSI / 9101.14 KPa. MAWP: 1320 PSI / 9101.14 KPa. Capacity: 21007 SCFM / 594.85 m3/min.

PSV P99578 Tube side. Set pressure: 1320 PSI / 9101.14 KPa. MAWP: 1320 PSI / 9101.14 KPa. Capacity: 21007 SCFM / 594.85 m3/min.

### External Condition

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

### Internal Condition

The vessel was UT inspected for wall loss.

Mountain West Services Ultrasonic Corrosion Survey Project #C61129, as reported on Drawing #63, noted all vessel thickness readings to be above ASME Section VIII, Div. 1 code requirements at time of inspection. The calculated retirement date is 2034 with a program maximum of 20 years.

The associated piping was also inspected.

Caution was generated on piping TML 75. Calculations indicate the area is well above minimum required thickness for design conditions.

Nominal thickness of the 6" piping = .432". T-min = .2116". Lows of .352" were recorded within the TML.

Next inspection is 5 years or 1/2 remaining life, whichever is less.



101, 56 Cuendet Industrial Way, Sylvan Lake, AB T4S 0B6

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### Recommendations

Recommend 5 year interval for next UT inspection.  
Ultrasonic Corrosion Survey due again in 2019.

<b>Suitable to be returned to Service</b>	Yes	<b>Suggested Inspection interval (Months)</b>	60
<b>Repairs are still required</b>	No		
Duane Paetkau Cert 000087 <b>Inspector</b>			02/26/2015 <b>Date (mm/dd/yyyy)</b>
	<b>Signature</b>		

### Pictures

-No pictures for this inspection-