

## Field Inspection Report - Long\_Run 640530\_04/04/2019\_UT\_External

<b>Vessel Number</b>	640530	<b>Vessel Name</b>	TREATER	<b>Province</b>	Alberta
<b>District</b>	CENTRAL - AB	<b>LSD</b>	02-12-058-23W4	<b>Location</b>	REDWATER NORTH
<b>Method</b>	UT	<b>Access</b>	External	<b>Cleaning</b>	Good
<b>Inspection Date (mm/dd/yyyy)</b>	04/04/2019	<b>Inspection Interval (months)</b>	60	<b>Next Inspection (mm/dd/yyyy)</b>	04/04/2024
<b>CRN</b>	W3705.213	<b>Skid Number</b>	PKG74808	<b>Service</b>	Sweet
<b>Internal Access</b>	Yes	<b>Internal Coating</b>	Yes	<b>Status</b>	In Service
<b>MAWP (PSI)</b>	75	<b>MAWP (kPa)</b>	517.11	<b>Outstanding NCRs</b>	0
<b>MAWT (°C)</b>	148.89	<b>MAWT (°F)</b>	300		

### General

2019 Ultrasonic Corrosion Survey.

### Safety Valves

PSV P133179 Shell side. Set pressure: 75 PSI / 517.11 KPa. MAWP: 75 PSI / 517.11 KPa. Capacity: 321 GPM / 1215.11 L/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 #C61860, noted all vessel thickness readings to be above ASME Section VIII, Div. 1 code requirements at time of inspection. The calculated retirement date is 2039 with a program maximum of 20 years. The associated piping was also inspected with no notable wall loss recorded. Caution was generated on piping CML 60. 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 5 years or 1/2 remaining life, whichever is less.

### Recommendations

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Recommend 5 year interval for next UT inspection.  
Ultrasonic Corrosion Survey due again in 2024.

<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 ABSA ISBPV:000087, API 570:24422, NB Cert. 222  <b>Inspector</b>			07/11/2019  <b>Date (mm/dd/yyyy)</b>
		<b>Signature</b>	

### Pictures

-No pictures for this inspection-	
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