



Mountain West Services Ltd.

## Inspection Report - CNRL # 6980

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### 3174638- SEPARATOR

#### 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>        | 10/30/2006            |
| <b>LSD:</b>                   | 04-11-073-11W6 | <b>Inspection Interval:</b> | 48                    |
| <b>CRN:</b>                   | H-8699.213     | <b>Next Inspection:</b>     | 10/30/2010            |
| <b>Skid/Equipment Number:</b> | SKID0265       | <b>MAWP:</b>                | 1440 PSI 9928.512 KPa |
| <b>Service:</b>               | Sweet          | <b>Temperature:</b>         | 100 F 37.78 C         |
| <b>Status:</b>                | In Service     | <b>Outstanding NCRs:</b>    | 0                     |

#### General:

2006 Ultrasonic Corrosion Survey.

#### Safety Valves:

PSV [MWS64315](#) Protects the Shell Of the Vessel. Set Pressure of 729 PSI / 5026.3092 KPa.  
Capacity: 5553SCFM / 157.24m3/min

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

#### External:

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

#### Internal:

The vessel was UT inspected for wall loss.

Hunt Inspections's Ultrasonic Corrosion Survey Project #C10093, as reported on Drawing #194, noted all vessel thickness readings to be above ASME Section VIII, Div. 1 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's 194-35, 194-45, 194-50, 194-55, 194-60 and 194-65. Calculations indicate the aread are well above minimum required thickness for design conditions. The elbows appear to be at the low end of the allowable 12.5% 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> 2/22/2007   |  |
| <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<br><b>Date:</b> 2/27/2007  |  |

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