



455086

**Field Inspection Report**

Vessel # 455086

<b>Client</b>	Canadian Natural Resources Ltd.		<b>Inspection Date</b>	2002/06/05	
<b>Prov. Reg.#</b>	455086		<b>Location</b>	Balsam	
<b>Equipment</b>	3 Phase Separator		<b>LSD</b>	4-30-83-10W6	
<b>Tag/Equip. #</b>			<b>Comp./Unit</b>		
<b>Vessel Status</b>	In Service		<b>Job #</b>	02-249	
<b>Manufacturer</b>	RJV	<b>Serial #</b>	5969	<b>MAWP/Temp</b>	9932 kPa 38 C
<b>CRN #</b>	H1560.2	<b>Shell Material</b>	SA-516-70N	<b>Shell Thick.</b>	28.575 mm
<b>Corrosion All.</b>	3.175 mm	<b>Head Material</b>	SA-516-70	<b>Head Thick.</b>	26.391 mm
		<b>Head Material 2</b>		<b>Head Thick. 2</b>	mm
		<b>Channel Material</b>		<b>Channel Thick.</b>	mm
<b>Diameter</b>	610 mm	<b>Length</b>	mm	<b>Height</b>	2438 mm
<b>Year Built</b>	2000	<b>Next Inspection</b>	2004	<b>RT</b>	2
<b>Service</b>	Sweet	<b>Manway</b>	No	<b>Insp. Type</b>	VE/UT
				<b>Coating</b>	No

<b>PSV #.</b>	15307				
<b>Mfg.</b>	Mercer	<b>Serial #</b>	15307	<b>Set Pressure</b>	9928 kPa
<b>Type/Model</b>	8143251T27G21	<b>Capacity</b>	326 M <sup>3</sup> /Min	<b>Size</b>	50.800 mm
<b>Date of Service</b>	2002/06/01	<b>Next Service</b>	2004	<b>Service Co.</b>	Unified Valve

**Observations:**

Vessel is located inside a well maintained building. Vessel is supported by a same diameter skirt welded to the floor. PSV is mounted off the shell and discharges to atmosphere. Piping is well supported. Most openings are 1" threaded. 2" x 1" bushings used. Pressure and temperature indicators are in good condition. Skid is grounded. Paint and external are in very good condition.

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UT

Measurements in Inches

Shell - 1.163 to 1.171

Head

Top - 1.127 to 1.189

Bottom - 1.128 to 1.175

3" XXS Nozzles Nom. : 0.600

Inlet - 0.635 to 0.627

Outlet - 0.614 to 0.630

**Recommendations:**

No recommendations at this time.

**Inspector:** Sean Zitaruk

**Reviewed by:**



AB-40 to be attached