Canadian Natural Resources Limited GENERAL PRESSURE VESSEL INFORMATION Job 10.112838													
District: Fort St.		Skid No.											
Facility: Daiber Compressor Station					Location (LSD): c-76-D/94-B-16								
Vessel Name Equ	upment Number: Flare Kno	ock Out Drum											
Orientation: Horizontal													
Status: In Sarviga Domilatory Inspection													
PRESSURE VESSEL NAMEPLATE DATA													
"A" or "G	" or "S" (Sask.) or BC Regis	CRN Number:											
C34761					Non code								
Vessel serial num	Size: 6 ft. x 10 ft.												
Shell thickness: 6	Shell material: SA 36												
Head thickness: 6		Head material: SA 36											
Tube wall thickne		Tube material:											
Tube diameter:		Tube length:											
Channel thickness:					annel material:								
Desian anterna	Shell: Atmospheric	Shell: Atmospheric					Shell:						
Design pressure	Tubes												
	14005.						Tubes:						
Design Temp.	Shell:	Shell:					Shell:						
	Tubes:			Tubes:									
V roy: Nil		Heat treatment: No											
A-lay. 1911 Code parameters: NON CODE					Coated: not stated								
Manufacturer: NUSCO					Vear huilt: 2003								
Corrosion allowa		Manway: No											
Correston anowa	DDF(	SUDE SAFETA	/ VAT V	F NA	MEDIATED	<b>лтл</b>							
PKESSUKE SAFETY VALVE NAMEPLATE DATA													
PSV Tag #	Manufacture / Model / Serial	Set Pressure (PSI / kPa)	Capac (scfn	rity n)	Size	Size B V		Location	Service by Date				
SERVICE CONDITIONS-INDICATE ALL THAT APPLY													
Sweet	Sour X	Sour X			Oil				Water X				
Amine	LPG	LPG C					Air		Glycol X				
Other (Describe):													

Date

Inspection Interval \_\_\_\_\_ PSV Service Interval \_\_\_\_\_\_ (Determined by MIC in conjunction with Chief Inspector following guidelines of CNRL's Owner-User Inspection Program) Reports reviewed and accepted by:

## Mechanical Integrity Coordinator\_\_\_\_\_

Fill out all forms as completely as possible. <u>All information</u> is important! Use back of sheets to record additional information or sketch if required. Copy of report to be filed by MIC at site, and copy sent to Chief Inspector

G	F	Р	N/A	Comments
x				Tar over foam insulation – small isolated spots of torn sections – sealed around nozzles – no egress of moisture
		X		Underbelly paint in poor overall condition – paint loss and surface corrosion to 100% - pit depths to 0.015 inch
x				No leaks observed
x				Saddle in good overall condition: bolted directly to skid frame – no corrosion – no buckling or dents - no sign of leaking - ground wire attached to skid frame
x				Vessel is securely bolted to skid floor – no sign of deformation
			X	None
			X	None
	X			Truck out drain nozzle paint in poor condition – surface corrosion to 100% - pit depths to 0.020 inch – all stud threads fully engaged – no leaks – no damage or deflection – nozzles are not gusseted
			X	No gauges
x				Piping is well supported – all clamps in place – no evidence of structural overload – no deflection – paint in good condition – no corrosion
x				Valves properly supported – no sign of leaking
			X	No PSV – rupture disc in place on top shell – vents to atmosphere
x				Ultrasonic thickness survey carried out – no metal thickness detected below nominal minus corrosion allowance.
X				Vessel is double walled
	G X X X X X X X X	GFX/	GFPX//	GFPN/AXIIXXIXII

**Recommendations or corrective actions : Vessel is Fit for Service or describe corrective actions required)** (MIC to review corrective actions with Operations, discuss with Chief Inspector where necessary, and get remedial action implemented)

**Recommendations:** 

Summary: This vessel is in good condition, visual external and ultrasonic thickness inspection carried out – no metal thickness detected below nominal minus corrosion allowance. Vessel is fit for service.

