	G	Canadian Nat ENERAL PRESSU		esources Limited SSEL INFORM			Job #	105.00157	
District: Grand Pr	airie	Skid No. Nil							
Facility: Saddle Hi	Location (LSD): 10-11-75-07 W6M								
	oment Number: Canswo	eet Tower			,				
Orientation: Vertic									
Status: In service				Regulatory I	nspection				
_		PRESSURE VES	SEL N						
"A" or "G" o	or "S" (Sask.) or BC R	egistration Number.			C	CRN Nur	nber:		
	K2684.1								
Vessel serial number	Size: 56" x 32'								
Shell thickness: 57.	Shell material: SA 516 70 N								
Head thickness: 53	Head material: SA 516 70 N								
Tube wall thickness	3:			Tube material:					
Tube diameter:				Tube length:					
Channel thickness:	CL 11 110071D			Channel mater	ial:				
Design pressure	Shell: 11997 kPa	Operating pressure		Shell:	kPa				
	Tubes:			Tubes:					
Design Temp.	Shell: 93.3°C			Operating temperature		Shell: °C			
	Tubes:	Tubes:							
X-ray: Nil				Heat treatment: HT					
Code parameters: A	Coated: Nil								
Manufacturer: Prop	Year built: 2002								
Corrosion allowance	Manway: 3 Manways								
	PI	RESSURE SAFETY	VALV	E NAMEPLAT	E DATA				
PSV Tag #	Manufacture	Model #		Serial # S		essure	Capacity	Service	
			a)			(scfm)	Date		
22340G	Mercer	81- 53H11P88C1	A85417		9653		*Unknown *	09/2005	
CRN #	Service By	Block Valve	Location		Size		Code Stamp		
OG2606.5C	Unified Valve	No		Outlet Line	2"600 x 3"150		UV NB		
	SERV	VICE CONDITION	S-INDI	ICATE ALL TH	AT APPL	Y			
Sweet X	Sour O			Oil		Gas X		Water	
Amine	LPG Con			ndensate A			ir Glycol		
Other (Describe):	CANSWEET 800 SX								
Inspection Interva				_PSV Service In					
(Determined by MIC in	conjunction with Chief Insp	ector following guidelines	s of CNR	L Owner-User Inspec	tion Program	)			

Reports reviewed and accepted by:

 Mechanical Integrity Coordinator
 Date\_

 Fill out all forms as completely as possible. <u>All information is important!</u> 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

External Inspection Items		F	Р	NT / A	Comments	
	G	Г	Р	N/A		
Insulation Verify sealed around manways,					No insulation present.	
nozzles, no damage present, and there is no				Χ	•	
egress of moisture.						
External Condition Assess paint condition,					Paint is in good condition. No exposed metal or corrosion	
areas peeling, record any corrosion, damage,	X				present.	
etc (record location, size and depth of	Λ					
corrosion or damage)						
Leakage Record any leakage at flanges,	X				No leaks present.	
threaded joints, weep holes on repads, etc.						
Saddle/Skirt Assess condition of paint, fire					Skirt is firmly bolted to supports. Paint is in good condition no	
protection, concrete. Look for corrosion,					significant corrosion present. No leakage present at attachment	
buckling, dents, etc. Look at vessel surface	X				welds to vessel. Attachment welds are acceptable.	
area near supports. Verify no signs of leakage						
at attachment to vessel and attachment welds					Supports are grounded.	
are acceptable. Ground wire attached?						
Anchor Bolts Hammer tap to ensure secure.					Skirt is bolted to I beam & pilling supports. No deformation or	
Look for cracking in treads or signs of	Х				cracking present.	
deformation.						
Concrete foundation Check for cracks,				X		
spalling, etc.						
Ladder / Platform Describe general					Platform and ladders are in good condition no loose or missing	
condition, ensure support is secure to vessel,	Х				rungs.	
describe any hazards.						
Nozzle Assess paint, look for leakage, and					Nozzle paint is in good condition no leaks present. No stud	
ensure stud threads are fully engaged. Record	Χ				threads present. No damage or deflection present.	
any damage, deflection, etc. Are nozzles					No gussets present.	
gusseted?					No Course Descart	
Gauges Ensure gauges are visible, working,					No Gauges Present.	
no leakage, and suitable for range of MAWP/				X		
Temp.						
External Piping Ensure pipe is well					Piping is well supported and in place. No loose clamps or	
supported. All clamps, supports, shoes, etc. in					supports. No evidence of structural overload or deflection.	
place. Look for evidence of structural	X				Paint is in good condition no significant corrosion present.	
overload, deflection, etc. Paint condition,						
external corrosion?						
Valving Ensure no leaks are visible. Valves	•				Valves are properly supported, no leaks present.	
are properly supported and chained if	Х					
necessary.					DSV is set below MAWD of vessel DSV Discharge riving is	
PSV Ensure PSV is set at pressure at or below that of vascal Discharge piping is some size as					PSV is set below MAWP of vessel. PSV Discharge piping is	
that of vessel. Discharge piping is same size as	$\mathbf{v}$				larger than inlet piping and is properly supported and routed.	
inlet to valve and is properly supported and routed. Ensure no block valves between PSV	X				No block valves present. PSV Seal is intact Location: Outlet piping	
and vessel or if there are they are locked open.					Location. Outlet piping	
					Ultrasonic corrosion survey carried out - no metal thickness	
NUE methode Was III / MPI done on vessel						
<b>NDE methods</b> Was UT/ MPI done on vessel (MI coordinator to review results)	Х				detected below nominal minus corrosion allowance.	

(MIC to review corrective actions with Operations, discuss with Chief Inspector where necessary, and get remedial action implemented)

Recommendations: No recommendations at this time.

Summary: Vessel is in overall good condition, visual external inspection and ultrasonic corrosion survey performed - no metal thickness detected below nominal minus corrosion allowance. Vessel is fit for service.

Inspected By: Dellas Weidman

## Photo Table for C38593



