

## Pressure Equipment Integrity Version 1.0 released April 2008

Shell Side G# 708222  9308 kPa OG0201.2C Crosby, 972103MA, SN# SE-25660-2 UV  SERVICE CONDTIONS-INDICATE ALL THAT APPLY  Sweet Sour Oli Sour Gas Water Air Glycol Condensate Sour Glyco	GENERAL INSPECTION FORM									
Version   Seques	District: Northern Plai	ins				Skid No. : 16830				
Version   Seques	Facility: Hamburg Cor	mpressor Station	<u> </u>			Location (LSD) Surface: 10-	16-97-10 W6M			
Operating   Ope			owcase			, , ,				
Status: In Service										
PRESSURE VESSEL NAMEPLATE DATA		_		y isolated)	7 T	, ,	or Regula	tory Inspect	ion 🏻	
A 465108										
New	"A" or "G" or "S" (Sask.)	) or BC Registration								
Vessel serial number	]	,								
VS-10369	Vessel serial number:	A 465108								
Shell Indicases: 31.8mm										
Tube wall thickness:	Shell thickness: 31.8mr									
Tube length:		m				Head material: SA-516-70N				
Channel material:   Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:     Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material:   Channel material										
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Design Temp.   Tubes:		Tubes:					Tubes:			
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Code parameters: ASME VIII, Div 1   Joint efficiency (if on nameplate):		Tubes:				Croiding temporatare				
Code parameters: ASME VIII, Div 1   Joint efficiency (if on nameplate):	X-ray: RT-1	<u> </u>								
PRESSURE SAFETY VALVE NAMEPLATE DATA   Tag Number(s)   Set Pressure   CRN #   Manufacturer/ Model / Serial / Code Stamp   Capacity (Inlet x Outlet) (Inlet x	Code parameters: ASM						te):			
Tag Number(s) Set Pressure CRN # Manufacturer/ Model / Serial / Code Stamp (Scfm) Size (Inlet x Outlet x) Outlet (Outlet x) Outlet (Mind/dyyyy)  Shell Side G# 708222 9308 kPa OG0201.2C Crosby, 972103MA, SN# SE-25660-2 5258 1" MNPT X 1.5" FNPT  Tube Side G# OG0201.2C Crosby, 972103MA, SN# SE-25660-2 5258 1" MNPT X 1.5" FNPT  Service CONDTIONS-INDICATE ALL THAT APPLY  Sweet Sour Sour Sour Condensate Sour Gas Sour Gillowing Gas Sour Gas Sou						Year built: 2001				
Tag Number(s)  Set Pressure  CRN # Manufacturer/ Model / Serial / Code Stamp  Capacity (Scfm)  Size (Inlet x Outlet) (mind d/yyyy)  Shell Side G# 708222  9308 kPa  OG0201.2C  Crosby, 972103MA, SN# SE-25660-2  UV  SERVICE CONDTIONS-INDICATE ALL THAT APPLY  Sweet Sour Ooli Sour Gas Sour Gillowing Gas Sour Gillowing G	Corrosion allowance: 1	.6 mm	PDF00:	DE CAPETY	/ ) / 5 !					
Shell Side G# 708222 9308 kPa OG0201.2C Crosby, 972103MA, SN# SE-25660-2 5258 11 MNPT X1.5" FNPT  Tube Side G# OG0201.2C Crosby, 972103MA, SN# SE-25660-2 5258 11 MNPT X1.5" FNPT  Tube Side G# OG0201.2C Crosby, 972103MA, SN# SE-25660-2 5258 11 MNPT X1.5" FNPT  Service CONDTIONS-INDICATE ALL THAT APPLY  Sweet Sour Defends Sour Good Service Interval Office Condensate Mair Good Service Interval Determined by integrity specialist in conjunction with Chief Inspector following guidelines of ConocoPhillips Canada Owner-User Inspection Program) deports reviewed and accepted by:  Pressure Equipment This document contains proprietary information belonging to Page 1			PRESSU	KE SAFETY	VAL	VE NAMEPLATE DATA	<u> </u>	1	1	
708222 9308 kPa OG0201.2C Crosby, 972103MA, SN# SE-25660-2 5258 1" MNPT X 1.5" FNPT 92005  Tube Side G# Oil Service CONDTIONS-INDICATE ALL THAT APPLY  Sweet Sour Sour Condensate Sour Air Glycol Street (Describe):  PSV Service Interval PSV Service Interval Service Servic	Tag Number(s)	Set Pressure	CRN#	Manufact	turer/	Model / Serial / Code Stamp		(Inlet x	Set Date (mm/dd/yyyy)	
Service CONDTIONS-INDICATE ALL THAT APPLY  Sweet Sour Sour Sour Sour Sour Sour Sour Sour		,,,,			97210	03MA, SN# SE-25660-2	5258	MNPT X 1.5"	9/2005	
Sweet	Tube Side G#									
Sweet										
Sweet		<u> </u>	SERVICE (	CONDTIONS	S-IND	ICATE ALL THAT APPLY		<u>L</u>		
Amine	Court M						0 - 5		)A/	
ther (Describe):    PSV Service Interval		Sour 📙		0	וול [	<u> </u>	Gas ⊠		vvater ⊠	
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Determined by integrity specialist in conjunction with Chief Inspector following guidelines of ConocoPhillips Canada Owner-User Inspection Program) deports reviewed and accepted by:  Integrity Specialist  Integrity Speci										
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G=Good F=Fair P=Poor N/A=Not Applicable

External Inspection Items	G	F	Р	N/A	Comments
Insulation Verify sealed around manways, nozzles, no damage present, and there is no egress of moisture. Are straps secure?				x	
External Condition Assess paint condition, areas peeling, record any corrosion, damage, distortion etc (record location, size and depth of corrosion or damage)	x				Shell appears to be in good clean condition. No scratches or peeling of paint surface
<b>Leakage</b> Record any leakage at flanges, threaded joints, weep holes on repads, etc.				X	
Skirt/ Saddle Assess condition of paint, fire protection, concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds are acceptable. Is ground wire attached?	х				Skirt is seal welded to lower head, weld is full and complete.
Anchor Bolts Hammer tap to ensure secure.  Look for corrosion, cracking in threads or signs of deformation.	х				Foundation bolts all in place and secure.
<b>Concrete foundation</b> Check for cracks, spalling, etc.				х	
Ladder / Platform Describe general condition, ensure support is secure to vessel, describe any hazards.				х	
Nozzle Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted? Inspect gussets for cracking.	x				All nozzles are clean with no visible deflection noted. Paint condition is good.
<b>Gauges</b> Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/ Temp.	Х				Acceptable pressure range.
<b>External Piping</b> Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?	х				All external piping is well supported with no visible deflection or signs of any leakage present at time of inspection.
Valving Ensure no leaks are visible. Valves are properly supported and chained if necessary.	Х				All good
PSV Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as valve outlet and is properly supported and routed. Are PSV seals in place? Ensure no block valves between PSV and vessel, or if there are ensure they are locked/sealed open.	х				PSV set at vessel MAWP.
NDE methods Was UT/ MPI done on vessel	x				Ultrasonic thickness inspection carried out – no metal thickness detected below nominal minus corrosion allowance.
Other Observations:		<u> </u>		<u> </u>	1

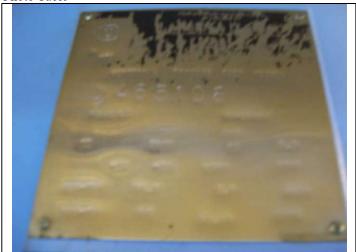
**Recommendations:** No recommendations at this time.

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

Inspected By:	Jerald Zaderey	Date: August 1, 2008
-	(Please Print)	

G=Good F=Fair P=Poor N/A=Not Applicable

Photo Table



Nameplate



Vessel External Over View



Building Skid#