



ULTRASONIC CORROSION SURVEY

Survey Name: **BARRICK ENERGY INC.**

Survey Date: 2/3/2010

LSD: 15-16-069-22W5 Dwg: 372 Vessel Number: A0465134 Manufacturer: ALCO GAS & OIL Inspector: MWS
 District Unit: BAD HEART Vessel Name: 3 PHASE GLYCOL CONTACTOR Serial Number: 2001648901A Process: SWEET
 Location: STURGEON LAKE SOUTH GAS Year Built: 2001 Shell MAWP PSI: 1459 MAWT F: 150
 Skid: PKG55522 Tag Number: - Tube MAWP PSI: 0 MAWT F: 0
 CRN: L9566.23 Vessel CA: 0.1250

Band	Description		Baseline	Previous			Current			Next Inspection		Nominal	TMIN	ST Loss	LT Loss	Recommended Retirement Date	
										Material	CA			MPY	MPY		
#Name?	Mid	Shell	Baseline	1.289	1.290	1.291	1.292	1.290	1.292	2010	1.291	1.289	1.2500	0.1250	0.9727	2011	2030
Shape	Cylindrical	shell Side	Previous	Comments-->													
OD	28		Current	1.289	1.290	1.291	1.292	1.290	1.292	2010	1.291	1.289	MATERIAL ASSUMED				
Spec.	VIII Div 1			ST Loss MPY										OK			
Material	SA 516 - 70			LT Loss MPY										0.000			
#Name?	Mid	Shell	Baseline	1.288	1.286	1.287	1.287	1.289	1.290	2010	1.288	1.286	1.2500	0.1250	0.9727	2011	2030
Shape	Cylindrical	shell Side	Previous	Comments-->													
OD	28		Current	1.288	1.286	1.287	1.287	1.289	1.290	2010	1.288	1.286	MATERIAL ASSUMED				
Spec.	VIII Div 1			ST Loss MPY										OK			
Material	SA 516 - 70			LT Loss MPY										0.000			
#Name?	Mid	Shell	Baseline	1.285	1.273	1.286	1.286	1.286	1.285	2010	1.284	1.273	1.2500	0.1250	0.9727	2011	2030
Shape	Cylindrical	shell Side	Previous	Comments-->													
OD	28		Current	1.285	1.273	1.286	1.286	1.286	1.285	2010	1.284	1.273	MATERIAL ASSUMED				
Spec.	VIII Div 1			ST Loss MPY										OK			
Material	SA 516 - 70			LT Loss MPY										0.000			
#Name?	Mid	Shell	Baseline	1.288	1.287	1.290	1.290	1.292	1.292	2010	1.290	1.287	1.2500	0.1250	0.9727	2011	2030
Shape	Cylindrical	shell Side	Previous	Comments-->													
OD	28		Current	1.288	1.287	1.290	1.290	1.292	1.292	2010	1.290	1.287	MATERIAL ASSUMED				
Spec.	VIII Div 1			ST Loss MPY										OK			
Material	SA 516 - 70			LT Loss MPY										0.000			



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 Skid: PKG55522 Tag Number: - Tube MAWP PSI: 0 MAWT F: 0
 CRN: L9566.23 Vessel CA: 0.1250

Band	Description		Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended						
						Material	CA		MPY	MPY	Retirement						
											Date						
#Name?	Lower	Shell	Baseline	1.286	1.288	1.291	1.290	1.292	1.289	2010	1.289	1.286	1.2500	0.1250	0.9727	2011	2030
Shape	Cylindrical	shell Side	Previous														
OD	28		Current	1.286	1.288	1.291	1.290	1.292	1.289	2010	1.289	1.286					
Spec.	VIII Div 1								ST Loss MPY								
Material	SA 516 - 70								LT Loss MPY	0.000			OK				
#Name?	Lower	Shell	Baseline	1.289	1.289	1.288	1.286	1.289	1.277	2010	1.286	1.277	1.2500	0.1250	0.9727	2011	2030
Shape	Cylindrical	shell Side	Previous														
OD	28		Current	1.289	1.289	1.288	1.286	1.289	1.277	2010	1.286	1.277					
Spec.	VIII Div 1								ST Loss MPY								
Material	SA 516 - 70								LT Loss MPY	0.000			OK				
#Name?	Bottom	Head	Baseline	1.264	1.195	1.228	1.223	1.229	1.235	2010	1.229	1.195	1.1800	0.1250	0.9421	2011	2030
Shape	Ellipsoidal	shell Side	Previous														
OD	28		Current	1.264	1.195	1.228	1.223	1.229	1.235	2010	1.229	1.195					
Spec.	VIII Div 1								ST Loss MPY								
Material	SA 516 - 70								LT Loss MPY	0.000			OK				
#Name?		Piping	Baseline	0.380	0.374	0.372	0.373	0.373	0.380	2010	0.375	0.372	0.4320	0.0540	0.2331	2011	2030
Shape	90° Elbow	shell Side	Previous														
OD	6.625		Current	0.380	0.374	0.372	0.373	0.373	0.380	2010	0.375	0.372					
Spec.	B31.3								ST Loss MPY								
Material	A 234 - WPB								LT Loss MPY	0.000			Caution				



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Band	Description	Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss MPY	LT Loss MPY	Recommended Retirement Date						
#Name?	Piping	Baseline	0.277	0.276	0.276	0.279	0.275	0.269	2010	0.275	0.269	0.2800	0.0350	0.2331	2011	2030
Shape	90° Elbow	shell Side	Previous	Comments-->												
OD	6.625	Current	0.277	0.276	0.276	0.279	0.275	0.269	2010	0.275	0.269					
Spec.	B31.3			ST Loss MPY		OK										
Material	A 234 - WPB			LT Loss MPY		0.000										
#Name?	Piping	Baseline	0.417	0.393	0.388	0.395	0.408	0.415	2010	0.403	0.388	0.4320	0.0540	0.2331	2011	2030
Shape	90° Elbow	shell Side	Previous	Comments-->												
OD	6.625	Current	0.417	0.393	0.388	0.395	0.408	0.415	2010	0.403	0.388					
Spec.	B31.3			ST Loss MPY		OK										
Material	A 234 - WPB			LT Loss MPY		0.000										