



Ultrasonic Corrosion Survey (Imperial Units)

Survey Name: TALISMAN ENERGY LTD.

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LSD: 12-25-074-08W6 Dwg#:79 Vessel Number: A0414803 Manufacturer: BS&B Survey Date: 26/01/2008

Survey Name: TALISMAN ENERGY LTD. Vessel Name: SEPARATOR Serial Number: 001013-001 Inspector: DUANE PAETKAU

District Unit: GPOU Year Built: 2000 Shell MAWP PSI: 1440 MAWT F: 130 Process: SOUR

Location: TEEPEE CREEK FIELD Tag Number: - Tube MAWP PSI: 0 MAWT F: 0 Project Number: C10175

Skid: SKD0595 CRN: L8282.21 Vessel CA: 0.125

[\[Click here for Vessel Drawing -- 12-25-074-08W6 -79.pdf\]](#)

[\[Click here for Vessel Drawing -- 12-25-074-08W6 -79A.pdf\]](#)

Band	Description			Readings						Year	Avg	Min	Recommended Next Inspection	Nominal	CA	T-Min	Recommended Retirement Date
				1	2	3	4	5	6								
79-05	Upper	Shell	Baseline	0.869	0.870	0.870	0.872	0.871	0.870	2008	0.870	0.869	2009	0.8750	0.125	0.6867	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	20		Current	0.869	0.870	0.870	0.872	0.871	0.870	2008	0.870	0.869					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
79-10	Mid	Shell	Baseline	0.866	0.866	0.865	0.865	0.865	0.865	2008	0.865	0.865	2009	0.8750	0.125	0.6867	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	20		Current	0.866	0.866	0.865	0.865	0.865	0.865	2008	0.865	0.865					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
79-15	Lower	Shell	Baseline	0.850	0.849	0.849	0.847	0.852	0.847	2008	0.849	0.847	2009	0.8750	0.125	0.6867	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	20		Current	0.850	0.849	0.849	0.847	0.852	0.847	2008	0.849	0.847					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
79-20	Bottom	Head	Baseline	0.950	0.933	0.937	0.937	0.901	0.950	2008	0.935	0.901	2009	0.8250	0.125	0.6654	2028
Shape	Ellipsoidal Shell		Previous										Comments:				
OD	20		Current	0.950	0.933	0.937	0.937	0.901	0.950	2008	0.935	0.901					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
79-25	Drain	Nozzle	Baseline	0.329	0.329	0.334	0.335	0.341	0.335	2008	0.334	0.329	2009	0.3430	0.125	0.0749	2028
Shape	90° Elbow Shell		Previous										Comments:				
OD	2.375		Current	0.329	0.329	0.334	0.335	0.341	0.335	2008	0.334	0.329					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 234 - WPB		Long Term Loss MPY:								0						

79-30		Piping	Baseline	0.179	0.173	0.172	0.175	0.179	0.178	2008	0.176	0.172	2009	0.2180	0.0272	0.0825	2028		
Shape	90° Elbow Shell	Previous											Comments:						
OD	2.375	Current	0.179	0.173	0.172	0.175	0.179	0.178	2008	0.176	0.172								
Spec	B31.3	Short Term Loss MPY:																	
Material	A 234 - WPB	Long Term Loss MPY:																0	Caution
79-35		Piping	Baseline	0.259	0.250	0.250	0.251	0.264	0.271	2008	0.258	0.250	2009	0.3000	0.0375	0.1216	2028		
Shape	90° Elbow Shell	Previous											Comments:						
OD	3.5	Current	0.259	0.250	0.250	0.251	0.264	0.271	2008	0.258	0.250								
Spec	B31.3	Short Term Loss MPY:																	
Material	A 234 - WPB	Long Term Loss MPY:																0	Caution
79-40		Piping	Baseline	0.299	0.297	0.299	0.299	0.302	0.303	2008	0.300	0.297	2009	0.3000	0.0375	0.1216	2028		
Shape	90° Elbow Shell	Previous											Comments:						
OD	3.5	Current	0.299	0.297	0.299	0.299	0.302	0.303	2008	0.300	0.297								
Spec	B31.3	Short Term Loss MPY:																	
Material	A 234 - WPB	Long Term Loss MPY:																0	OK
79-45		Piping	Baseline	0.272	0.268	0.264	0.261	0.261	0.251	2008	0.263	0.251	2009	0.3000	0.0375	0.1216	2028		
Shape	90° Elbow Shell	Previous											Comments:						
OD	3.5	Current	0.272	0.268	0.264	0.261	0.261	0.251	2008	0.263	0.251								
Spec	B31.3	Short Term Loss MPY:																	
Material	A 234 - WPB	Long Term Loss MPY:																0	Caution