



Ultrasonic Corrosion Survey (Imperial Units)

Survey Name: TALISMAN ENERGY LTD.

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LSD: 04-35-074-08W6 Dwg#:74 Vessel Number: A0410656 Manufacturer: SELECT Survey Date: 26/01/2008

Survey Name: TALISMAN ENERGY LTD. Vessel Name: SEPARATOR Serial Number: VS-9520 Inspector: DUANE PAETKAU

District Unit: GPOU Year Built: 1999 Shell MAWP PSI: 1440 MAWT F: 100 Process: SOUR

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

Skid: SKD0592 CRN: K0138.123 Vessel CA: 0.125

[\[Click here for Vessel Drawing -- 04-35-074-08W6 -74.pdf\]](#)

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Band	Description			Readings						Year	Avg	Min	Recommended Next Inspection	Nominal	CA	T-Min	Recommended Retirement Date
				1	2	3	4	5	6								
74-05	Top	Head	Baseline	1.065	1.065	1.065	1.065	1.089	1.090	2008	1.073	1.065	2009	1.0630	0.125	0.7932	2028
Shape	Ellipsoidal Shell		Previous										Comments:				
OD	24		Current	1.065	1.065	1.065	1.065	1.089	1.090	2008	1.073	1.065					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
74-10	Upper	Shell	Baseline	1.108	1.113	1.108	1.110	1.109	1.109	2008	1.110	1.108	2009	0.9430	0.125	0.8320	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	24		Current	1.108	1.113	1.108	1.110	1.109	1.109	2008	1.110	1.108					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
74-15	Mid	Shell	Baseline	1.125	1.137	1.119	1.119	1.122	1.117	2008	1.123	1.117	2009	0.9430	0.125	0.8320	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	24		Current	1.125	1.137	1.119	1.119	1.122	1.117	2008	1.123	1.117					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
74-20	Lower	Shell	Baseline	1.127	1.122	1.112	1.112	1.113	1.103	2008	1.115	1.103	2009	0.9430	0.125	0.8320	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	24		Current	1.127	1.122	1.112	1.112	1.113	1.103	2008	1.115	1.103					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
74-25	Bottom	Head	Baseline	1.081	1.083	1.079	1.079	1.079	1.081	2008	1.080	1.079	2009	1.0630	0.125	0.7932	2028
Shape	Ellipsoidal Shell		Previous										Comments:				
OD	24		Current	1.081	1.083	1.079	1.079	1.079	1.081	2008	1.080	1.079					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						

74-30	Drain	Nozzle	Baseline	0.328	0.325	0.323	0.328	0.322	0.342	2008	0.328	0.322	2009	0.3430	0.125	0.0749	2028
Shape	90° Elbow Shell	Previous											Comments:				
OD	2.375	Current	0.328	0.325	0.323	0.328	0.322	0.342	2008	0.328	0.322						
Spec	VIII Div 1	Short Term Loss MPY:															
Material	SA 234 - WPB	Long Term Loss MPY: 0															
74-35		Piping	Baseline	0.264	0.263	0.260	0.255	0.258	0.261	2008	0.260	0.255	2009	0.3000	0.0375	0.1216	2028
Shape	90° Elbow Shell	Previous											Comments:				
OD	3.5	Current	0.264	0.263	0.260	0.255	0.258	0.261	2008	0.260	0.255						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY: 0															
74-40		Piping	Baseline	0.271	0.271	0.270	0.270	0.272	0.274	2008	0.271	0.270	2009	0.3000	0.0375	0.1216	2028
Shape	90° Elbow Shell	Previous											Comments:				
OD	3.5	Current	0.271	0.271	0.270	0.270	0.272	0.274	2008	0.271	0.270						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY: 0															
74-45		Piping	Baseline	0.315	0.302	0.289	0.288	0.288	0.287	2008	0.295	0.287	2009	0.3000	0.0375	0.1216	2028
Shape	90° Elbow Shell	Previous											Comments:				
OD	3.5	Current	0.315	0.302	0.289	0.288	0.288	0.287	2008	0.295	0.287						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY: 0															
74-50		Piping	Baseline	0.273	0.274	0.278	0.286	0.289	0.290	2008	0.282	0.273	2009	0.3000	0.0375	0.1216	2028
Shape	90° Elbow Shell	Previous											Comments:				
OD	3.5	Current	0.273	0.274	0.278	0.286	0.289	0.290	2008	0.282	0.273						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY: 0															