



Ultrasonic Corrosion Survey (Imperial Units)

Survey Name: TALISMAN ENERGY LTD.

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LSD: 04-02-075-07W6 Dwg#:147 Vessel Number: A3117055 Manufacturer: ALCO GAS & OIL Survey Date: 27/02/2008

Survey Name: TALISMAN ENERGY LTD. Vessel Name: SEPARATOR Serial Number: 95C-5365-04A Inspector: DUANE PAETKAU

District Unit: GPOU Year Built: 1995 Shell MAWP PSI: 1350 MAWT F: 200 Process: SOUR

Location: TEEPEE CREEK FIELD Tag Number: - Tube MAWP PSI: 0 MAWT F: 0 Project Number: C10178

Skid: SKD0622 CRN: M7486.2 Vessel CA: 0.063

[\[Click here for Vessel Drawing -- 04-02-075-07W6 -147.pdf\]](#)

[\[Click here for Vessel Drawing -- 04-02-075-07W6 -147A.pdf\]](#)

Band	Description			Readings						Year	Avg	Min	Recommended Next Inspection	Nominal	CA	T-Min	Recommended Retirement Date
				1	2	3	4	5	6								
147-05	Upper	Shell	Baseline	1.077	1.075	1.084	1.078	1.074	1.080	2008	1.078	1.074	2009	1.0310	0.063	0.6647	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	16		Current	1.077	1.075	1.084	1.078	1.074	1.080	2008	1.078	1.074					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 106 - B		Long Term Loss MPY:								0						
147-10	Mid	Shell	Baseline	1.008	1.019	1.027	1.029	1.025	1.021	2008	1.022	1.008	2009	1.0310	0.063	0.6647	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	16		Current	1.008	1.019	1.027	1.029	1.025	1.021	2008	1.022	1.008					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 106 - B		Long Term Loss MPY:								0						
147-15	Lower	Shell	Baseline	1.049	1.037	1.043	1.042	1.035	1.035	2008	1.040	1.035	2009	1.0310	0.063	0.6647	2028
Shape	Cylindrical Shell		Previous										Comments:				
OD	16		Current	1.049	1.037	1.043	1.042	1.035	1.035	2008	1.040	1.035					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 106 - B		Long Term Loss MPY:								0						
147-20	Bottom	Head	Baseline	0.830	0.831	0.830	0.832	0.835	0.832	2008	0.832	0.830	2009	0.8200	0.063	0.5582	2028
Shape	Ellipsoidal Shell		Previous										Comments:				
OD	16		Current	0.830	0.831	0.830	0.832	0.835	0.832	2008	0.832	0.830					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 516 - 70		Long Term Loss MPY:								0						
147-25	Drain	Nozzle	Baseline	0.288	0.273	0.275	0.279	0.281	0.287	2008	0.281	0.273	2009	0.3430	0.063	0.0806	2028
Shape	90° Elbow Shell		Previous										Comments:				
OD	2.375		Current	0.288	0.273	0.275	0.279	0.281	0.287	2008	0.281	0.273					
Spec	VIII Div 1		Short Term Loss MPY:														
Material	SA 234 - WPB		Long Term Loss MPY:								0						

147-30		Nozzle	Baseline	0.319	0.321	0.322	0.325	0.326	0.325	2008	0.323	0.319	2009	0.3430	0.063	0.0806	2028	
Shape	45° Elbow Shell		Previous										Comments:					
OD	2.375		Current	0.319	0.321	0.322	0.325	0.326	0.325	2008	0.323	0.319						
Spec	VIII Div 1		Short Term Loss MPY:															
Material	SA 234 - WPB		Long Term Loss MPY:									0						OK
147-35		Piping	Baseline	0.216	0.213	0.214	0.212	0.212	0.212	2008	0.213	0.212	2009	0.2160	0.027	0.1143	2028	
Shape	90° Elbow Shell		Previous										Comments:					
OD	3.5		Current	0.216	0.213	0.214	0.212	0.212	0.212	2008	0.213	0.212						
Spec	B31.3		Short Term Loss MPY:															
Material	A 234 - WPB		Long Term Loss MPY:									0						OK