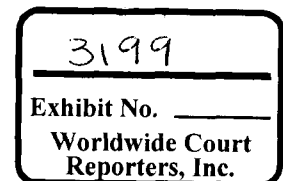


From: Morel, Brian P
Sent: Sat Apr 17 00:14:53 2010
To: Vidrine, Don J; Lambert, Lee; Kaluza, Robert
Subject: Buckling Models
Importance: Normal
Attachments: weight to buckle2.xls

Models show not being able to set down too much weight before putting the smaller size pipe into buckling.

Brian



String depth	Slack off @ 0 kips		Slack off weight from surface										40	45
	534.8	No buckling	5	10	15	20	25	30	35	40	45	50		
17163	634.8	No buckling	No buckling	No buckling	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	
17363	641.4	No buckling	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	
17563	648	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	
17763	654.4	No buckling	No buckling	No buckling	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	
17963	660.8	No buckling	No buckling	No buckling	No buckling	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	
18163	667.2	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	
18305	671.5	No buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of sinusoidal buckling	onset of helical buckling	

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