



# TUBING SPECIFICATION DATA

## 2-1/16 3.25# P-110 CS HYDRIL TUBING

2 1/16 IN.	3.25 LBS/FT.	P-110	BTS-8	
<b>Tubular Data</b>				
Tube O.D.	2.063	in.		
Tube I.D.	1.751	in.		
Tube Wall	0.156	in.		
Drift DIA.	1.657	in.		
Pipe Body CSA	0.935	in. <sup>2</sup>		
Tension YLD.	102,800	lbs.		
Compression YLD.	102,800	lbs.		
Internal Pressure YLD.	14,560	psi.		
Collapse Pressure YLD.	14,600	psi.		
Bending YLD.	244.0	%/100ft.		
Torsion YLD.	4,386	ft-lbs.		
<b>Connection Data</b>				
Connection OD	2.335	in.		
Connection ID	1.700	in.		
S/C Dia.	2.295	in.		
Make-Up Loss	2.230	in.		
Connection CSA	0.978	in. <sup>2</sup>		
String Length (1.6SF)	19,810	ft.		
Tension Yld.	113,100	%	110.00% eff	
Compression Yld.	100,082	lbs.	97.00% eff	
Internal Pressure Yld.	14,560	psi.		
Collapse Pressure Yld.	14,600	psi.		
Bending Yld.	287.1	%/100ft.		
Torsion Yld.	2,513	ft-lbs.		
Operating Torque	2,010	ft-lbs.		
<b>Make-Up Torque</b>				
Minimum Make-Up Torque	900	ft-lbs.		
Optimum Make-Up Torque	1,013	ft-lbs.		
Maximum Make-Up Torque	1,125	ft-lbs.		