



CONNECTION DATA SHEET

2 3/8"	4.70 ft/lbs	CS Hydril	N-80	L-80	T-95	P-110
<u>TUBULAR DATA</u>						
Tube O.D. (in.)			2.375	2.375	2.375	2.375
Tube I.D. (in.)			1.995	1.995	1.995	1.995
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.190	0.190	0.190	0.190
Drift Dia. (in.)			1.901	1.901	1.901	1.901
Pipe Body CSA (in. squared)			1.304	1.304	1.304	1.304
Yld. In Tension (lbs.)			104,000	104,000	124,000	143,000
Internal Pressure Yld. (psi)			11,200	11,200	13,300	15,400
Collapse Pressure Yld. (psi)			11,780	11,780	13,980	16,130
Tube Compression Yld. (lbs.)			104,000	104,000	124,000	143,000
Torsion Yld. (ft.-lbs.)			5,081	5,081	6,033	6,986
Bending Yld. (deg./100ft.)			154	154	183	212
<u>CONNECTION DATA</u>						
Connection O.D. (in.)			2.700	2.700	2.700	2.700
Connection I.D. (in.)			1.945	1.945	1.945	1.945
S/C Dia. (in.)			2.655	2.655	2.655	2.655
Make-Up Loss (in.)			2.310	2.310	2.310	2.310
Conn. CSA (in. squared)			1.339	1.339	1.339	1.339
Tension Efficiency (%)			107	107	107	107
String Length (1.6 SF) (ft.)			13,830	13,830	16,490	19,020
Conn. Int. Yld. (psi.)			11,200	11,200	13,300	15,400
Conn. Collapse Yld. (psi.)			11,780	11,780	13,980	16,130
Conn. Compression (psi.)			78,624	78,624	93,366	108,108
Conn. Torsion Yld. (lbs.)			2,426	2,426	2,881	3,336
Conn. Bending Yld (deg./100ft.)			136	136	161.5	187
Operating Torque (ft-lbs)			1,941	1,941	2,305	2,669
<u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u>						
Minimum Make-Up Torque (ft.-lbs)			1,500	1,500	1,500	1,500
Optimum Make-Up Torque (ft.-lbs)			1,688	1,688	1,688	1,688
Maximum Make-Up Torque (ft.-lbs)			1,875	1,875	1,875	1,875

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