



CONNECTION DATA SHEET

1"	2.25 lbs/ft	CS Hydril	N-80	L-80	T-95	P-110
<u>TUBULAR DATA</u>						
Tube O.D. (in.)			1.315	1.315	1.315	1.315
Tube I.D. (in.)			0.957	0.957	0.957	0.957
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.179	0.179	0.179	0.179
Drift Dia. (in.)			0.848	0.848	0.848	0.848
Pipe Body CSA (in. squared)			0.639	0.639	0.639	0.639
Yld. In Tension (lbs.)			51,000	51,000	61,000	70,000
Internal Pressure Yld. (psi)			19,060	19,060	22,630	26,200
Collapse Pressure Yld. (psi)			18,820	18,820	22,340	25,870
Tube Compression Yld. (lbs.)			51,000	51,000	61,000	70,000
Torsion Yld. (ft.-lbs.)			1,236	1,236	1,467	1,699
Bending Yld. (deg./100ft.)			279	279	331	383
<u>CONNECTION DATA</u>						
Connection O.D. (in.)			1.600	1.600	1.600	1.600
Connection I.D. (in.)			0.864	0.864	0.864	0.864
S/C Dia. (in.)			N/A	N/A	N/A	N/A
Make-Up Loss (in.)			2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			0.703	0.703	0.703	0.703
Tension Efficiency (%)			114	114	114	114
String Length (1.6 SF) (ft.)			14,170	14,170	16,940	18,440
Conn. Int. Yld. (psi.)			19,060	19,060	22,630	26,200
Conn. Collapse Yld. (psi.)			18,820	18,820	22,340	25,870
Conn. Compression (psi.)			60,020	60,020	71,274	82,528
Conn. Torsion Yld. (lbs.)			987	987	1,172	1,357
Conn. Bending Yld (deg./100ft.)			433.5	433.5	514.8	596
Operating Torque (ft-lbs)			790	790	938	1,086
<u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u>						
Minimum Make-Up Torque (ft.-lbs)			400	400	400	400
Optimum Make-Up Torque (ft.-lbs)			450	450	450	450
Maximum Make-Up Torque (ft.-lbs)			500	500	500	500

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