



## CONNECTION DATA SHEET

1 1/4"	2.40 ft/lbs.	CS Hydril	N-80	L-80	T-95	P-110
<b><u>TUBULAR DATA</u></b>						
Tube O.D. (in.)			1.66	1.66	1.66	1.66
Tube I.D. (in.)			1.32	1.32	1.32	1.32
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.140	0.140	0.140	0.140
Drift Dia. (in.)			1.286	1.286	1.286	1.286
Pipe Body CSA (in. squared)			0.669	0.669	0.669	0.669
Yld. In Tension (lbs.)			53,000	53,000	64,000	74,000
Internal Pressure Yld. (psi)			11,810	11,810	14,020	16,240
Collapse Pressure Yld. (psi)			12,360	12,360	14,670	16,990
Tube Compression Yld. (lbs.)			53,000	53,000	64,000	74,000
Torsion Yld. (ft.-lbs.)			1,805	1,805	2,143	2,482
Bending Yld. (deg./100ft.)			221	221	262	304
<b><u>CONNECTION DATA</u></b>						
Connection O.D. (in.)			1.883	1.883	1.883	1.883
Connection I.D. (in.)			1.300	1.300	1.300	1.300
S/C Dia. (in.)			1.858	1.858	1.858	1.858
Make-Up Loss (in.)			2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			0.711	0.711	0.711	0.711
Tension Efficiency (%)			112	112	112	112
String Length (1.6 SF) (ft.)			13,800	13,800	16,670	19,270
Conn. Int. Yld. (psi.)			11,810	11,810	14,020	16,240
Conn. Collapse Yld. (psi.)			12,360	12,360	14,670	16,990
Conn. Compression (psi.)			47,398	47,398	56,285	65,172
Conn. Torsion Yld. (lbs.)			942	942	1,118	1,294
Conn. Bending Yld (deg./100ft.)			237.5	237.5	282.1	326.6
Operating Torque (ft-lbs)			754	754	894	1,035
<b><u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u></b>						
Minimum Make-Up Torque (ft.-lbs)			600	600	600	600
Optimum Make-Up Torque (ft.-lbs)			675	675	675	675
Maximum Make-Up Torque (ft.-lbs)			750	750	750	750

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