



CONNECTION DATA SHEET

1 1/2"	2.90 ft/lbs	CS Hydril	N-80	L-80	T-95	P-110
<u>TUBULAR DATA</u>						
Tube O.D. (in.)			1.9	1.9	1.9	1.9
Tube I.D. (in.)			1.61	1.61	1.61	1.61
Grade						
Wall (in.)			0.145	0.145	0.145	0.145
Drift Dia. (in.)			1.516	1.516	1.516	1.516
Pipe Body CSA (in. squared)			0.799	0.799	0.799	0.799
Yld. In Tension (lbs.)			64,000	64,000	76,000	88,000
Internal Pressure Yld. (psi)			10,680	10,680	12,690	14,690
Collapse Pressure Yld. (psi)			11,280	11,280	13,190	14,840
Tube Compression Yld. (lbs.)			64,000	64,000	76,000	88,000
Torsion Yld. (ft.-lbs.)			2,510	2,510	2,980	3,451
Bending Yld. (deg./100ft.)			193	193	229	265
<u>CONNECTION DATA</u>						
Connection O.D. (in.)			2.113	2.113	2.113	2.113
Connection I.D. (in.)			1.530	1.530	1.530	1.530
S/C Dia. (in.)			2.094	2.094	2.094	2.094
Make-Up Loss (in.)			2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			0.822	0.822	0.822	0.822
Tension Efficiency (%)			108	108	108	108
String Length (1.6 SF) (ft.)			13,790	13,790	16,380	18,970
Conn. Int. Yld. (psi.)			10,680	10,680	12,690	14,690
Conn. Collapse Yld. (psi.)			11,280	11,280	13,190	14,840
Conn. Compression (psi.)			54,021	54,021	64,150	74,279
Conn. Torsion Yld. (lbs.)			1,215	1,215	1,443	1,670
Conn. Bending Yld (deg./100ft.)			191.2	191.2	227.1	262.9
Operating Torque (ft-lbs)			972	972	1,154	1,336
<u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u>						
Minimum Make-Up Torque (ft.-lbs)			800	800	800	800
Optimum Make-Up Torque (ft.-lbs)			900	900	900	900
Maximum Make-Up Torque (ft.-lbs)			1,000	1,000	1,000	1,000

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