



## CONNECTION DATA SHEET

3/4"	1.20 lbs/ft	CS Hydril	N-80	L-80	T-95	P-110
<b><u>TUBULAR DATA</u></b>						
Tube O.D. (in.)			1.05	1.05	1.05	1.05
Tube I.D. (in.)			0.824	0.824	0.824	0.824
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.113	0.113	0.113	0.113
Drift Dia. (in.)			0.672	0.672	0.672	0.672
Pipe Body CSA (in. squared)			0.333	0.333	0.333	0.333
Yld. In Tension (lbs.)			27,000	27,000	32,000	37,000
Internal Pressure Yld. (psi)			15,070	15,070	17,890	20,720
Collapse Pressure Yld. (psi)			15,370	15,370	18,250	21,130
Tube Compression Yld. (lbs.)			27,000	27,000	32,000	37,000
Torsion Yld. (ft.-lbs.)			543	543	644	746
Bending Yld. (deg./100ft.)			349	349	415	480
<b><u>CONNECTION DATA</u></b>						
Connection O.D. (in.)			1.327	1.327	1.327	1.327
Connection I.D. (in.)			0.687	0.687	0.687	0.687
S/C Dia. (in.)			1.3	1.3	1.3	1.300
Make-Up Loss (in.)			2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			0.506	0.506	0.506	0.506
Tension Efficiency (%)			158	158	158	158.000
String Length (1.6 SF) (ft.)			14,060	14,060	16,670	19,270
Conn. Int. Yld. (psi.)			15,070	15,070	17,890	20,720
Conn. Collapse Yld. (psi.)			15,370	15,370	18,250	21,130
Conn. Compression (psi.)			36,868	36,868	43,781	50,694
Conn. Torsion Yld. (lbs.)			494	494	587	679
Conn. Bending Yld (deg./100ft.)			650.2	650.2	772.1	894
Operating Torque (ft-lbs)			395	395	470	543
<b><u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u></b>						
Minimum Make-Up Torque (ft.-lbs)			300	300	300	300
Optimum Make-Up Torque (ft.-lbs)			338	338	338	338
Maximum Make-Up Torque (ft.-lbs)			375	375	375	375

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