



## CONNECTION DATA SHEET

3/4"	1.50 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.)			0.742	0.742	0.742	0.742
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.154	0.154	0.154	0.154
Drift Dia. (in.)			0.648	0.648	0.648	0.48
Pipe Body CSA (in. squared)			0.433	0.433	0.433	0.433
Yld. In Tension (lbs.)			35,000	35,000	41,000	48,000
Internal Pressure Yld. (psi)			20,530	20,530	24,380	28,230
Collapse Pressure Yld. (psi)			20,030	20,030	23,780	27,530
Tube Compression Yld. (lbs.)			35,000	35,000	41,000	48,000
Torsion Yld. (ft.-lbs.)			656	656	779	902
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.)			N/A	N/A	N/A	N/A
Make-Up Loss (in.)			2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			0.506	0.506	0.506	0.506
Tension Efficiency (%)			122	122	122	122.000
String Length (1.6 SF) (ft.)			14,580	14,580	17,080	20,000
Conn. Int. Yld. (psi.)			20,530	20,530	24,380	28,230
Conn. Collapse Yld. (psi.)			20,030	20,030	23,780	27,530
Conn. Compression (psi.)			36,868	36,868	43,781	50,694
Conn. Torsion Yld. (lbs.)			494	494	587	679
Conn. Bending Yld (deg./100ft.)			537.6	537.6	638.5	739.3
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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