



CONNECTION DATA SHEET

| 2 1/16" | 3.25 ft/lbs | CS Hydril | N-80 | L-80 | T-95 | P-110 |
|---|-------------|-----------|--------|--------|--------|---------|
| <u>TUBULAR DATA</u> | | | | | | |
| Tube O.D. (in.) | | | 2.063 | 2.063 | 2.063 | 2.063 |
| Tube I.D. (in.) | | | 1.751 | 1.751 | 1.751 | 1.751 |
| Grade | | | N-80 | L-80 | T-95 | P-110 |
| Wall (in.) | | | 0.156 | 0.156 | 0.156 | 0.156 |
| Drift Dia. (in.) | | | 1.657 | 1.657 | 1.657 | 1.657 |
| Pipe Body CSA (in. squared) | | | 0.935 | 0.935 | 0.935 | 0.935 |
| Yld. In Tension (lbs.) | | | 75,000 | 75,000 | 89,000 | 103,000 |
| Internal Pressure Yld. (psi) | | | 10,590 | 10,590 | 12,570 | 14,560 |
| Collapse Pressure Yld. (psi) | | | 11,180 | 11,180 | 12,980 | 14,600 |
| Tube Compression Yld. (lbs.) | | | 75,000 | 75,000 | 89,000 | 103,000 |
| Torsion Yld. (ft.-lbs.) | | | 3,190 | 3,190 | 3,788 | 4,386 |
| Bending Yld. (deg./100ft.) | | | 178 | 178 | 211 | 244 |
| <u>CONNECTION DATA</u> | | | | | | |
| Connection O.D. (in.) | | | 2.335 | 2.335 | 2.335 | 2.335 |
| Connection I.D. (in.) | | | 1.700 | 1.700 | 1.700 | 1.700 |
| S/C Dia. (in.) | | | 2.295 | 2.295 | 2.295 | 2.295 |
| Make-Up Loss (in.) | | | 2.230 | 2.230 | 2.230 | 2.230 |
| Conn. CSA (in. squared) | | | 0.978 | 0.978 | 0.978 | 0.978 |
| Tension Efficiency (%) | | | 110 | 110 | 110 | 110 |
| String Length (1.6 SF) (ft.) | | | 14,420 | 14,420 | 17,120 | 19,810 |
| Conn. Int. Yld. (psi.) | | | 10,590 | 10,590 | 12,570 | 14,560 |
| Conn. Collapse Yld. (psi.) | | | 11,180 | 11,180 | 12,980 | 14,600 |
| Conn. Compression (psi.) | | | 72,787 | 72,787 | 86,435 | 100,082 |
| Conn. Torsion Yld. (lbs.) | | | 1,827 | 1,827 | 2,170 | 2,513 |
| Conn. Bending Yld (deg./100ft.) | | | 208.8 | 208.8 | 247.9 | 287.1 |
| Operating Torque (ft-lbs) | | | 1,462 | 1,462 | 1,736 | 2,010 |
| <u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u> | | | | | | |
| Minimum Make-Up Torque (ft.-lbs) | | | 900 | 900 | 900 | 900 |
| Optimum Make-Up Torque (ft.-lbs) | | | 1,013 | 1,013 | 1,013 | 1,013 |
| Maximum Make-Up Torque (ft.-lbs) | | | 1,125 | 1,125 | 1,125 | 1,125 |

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