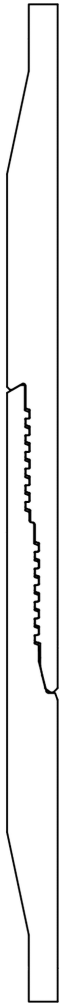


OIL DOG



PIPE RENTALS LP



## CONNECTION PERFORMANCE DATA

1 1/4 in 3.02 lbs/ft P110 CS Hydril

## TUBULAR DATA

|                        |        |                   |                                  |
|------------------------|--------|-------------------|----------------------------------|
| TUBE O.D.              | 1.660  | in                | <b>80%<br/>Safety<br/>Factor</b> |
| TUBE I.D.              | 1.278  | in                |                                  |
| TUBE WALL              | 0.191  | in                |                                  |
| DRIFT DIA.             | 1.184  | in                |                                  |
| PIPE BODY CSA          | 0.881  | in <sup>{2}</sup> |                                  |
| TENSION YLD.           | 97,000 | lbs               | 77,600                           |
| COMPRESSION YLD.       | 97,000 | lbs               | 77,600                           |
| INTERNAL PRESSURE YLD. | 22,150 | psi               | 17,720                           |
| COLLAPSE PRESSURE YLD. | 22,400 | psi               | 17,920                           |
| BENDING YLD.           | 304    | °/100ft           |                                  |
| TORSION YLD.           | 3,082  | ft-lb             |                                  |

## CONNECTION DATA

|                         |        |                   |             |
|-------------------------|--------|-------------------|-------------|
| CONNECTION O.D.         | 1.927  | in                |             |
| CONNECTION I.D.         | 1.218  | in                |             |
| MAKE-UP LOSS            | 2.220  | in                |             |
| CONNECTION CSA          | 0.874  | in <sup>{2}</sup> |             |
| STRING LENGTH (1.6 S/F) | 20,080 | ft                |             |
| TENSION YLD.            | 99,900 | lbs               | 103.00% eff |
| COMPRESSION YLD.        | 97,895 | lbs               | 101.00% eff |
| INTERNAL PRESSURE YLD.  | 22,150 | psi               |             |
| COLLAPSE PRESSURE YLD.  | 22,400 | psi               |             |
| BENDING YLD.            | 381.3  | °/100ft           |             |
| TORSION YLD.            | 1,990  | ft-lb             |             |
| OPERATING TORQUE        | 1,592  | ft-lb             |             |

## MAKE-UP TORQUE

|                        |     |       |
|------------------------|-----|-------|
| MINIMUM MAKE-UP TORQUE | 600 | ft-lb |
| OPTIMUM MAKE-UP TORQUE | 675 | ft-lb |
| MAXIMUM MAKE-UP TORQUE | 750 | ft-lb |