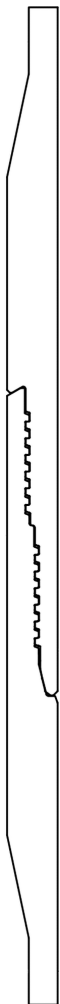


OIL DOG



PIPE RENTALS LP



CONNECTION PERFORMANCE DATA

1 in	2.25 lbs/ft	L80	CS Hydril
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TUBULAR DATA

TUBE O.D.	1.315	in	
TUBE I.D.	0.957	in	
TUBE WALL	0.179	in	
DRIFT DIA.	0.848	in	80% Safety Factor
PIPE BODY CSA	0.639	in ^{2}	
TENSION YLD.	51,100	lbs	
COMPRESSION YLD.	51,100	lbs	
INTERNAL PRESSURE YLD.	19,060	psi	40,880
COLLAPSE PRESSURE YLD.	18,810	psi	40,880
BENDING YLD.	279	°/100ft	15,248
TORSION YLD.	1,236	ft-lb	15,048

CONNECTION DATA

CONNECTION O.D.	1.600	in	
CONNECTION I.D.	0.864	in	
MAKE-UP LOSS	2.220	in	
CONNECTION CSA	0.703	in ^{2}	
STRING LENGTH (1.6 S/F)	14,170	ft	
TENSION YLD.	58,300	lbs	114.00% eff
COMPRESSION YLD.	60,020	lbs	117.00% eff
INTERNAL PRESSURE YLD.	19,060	psi	
COLLAPSE PRESSURE YLD.	18,820	psi	
BENDING YLD.	433.5	°/100ft	
TORSION YLD.	987	ft-lb	
OPERATING TORQUE	790	ft-lb	

MAKE-UP TORQUE

MINIMUM MAKE-UP TORQUE	400	ft-lb
OPTIMUM MAKE-UP TORQUE	450	ft-lb
MAXIMUM MAKE-UP TORQUE	500	ft-lb