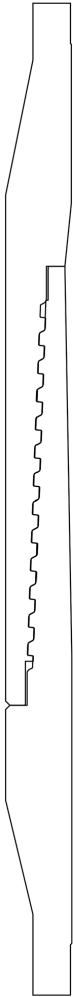


OIL DOG



PIPE RENTALS LP



CONNECTION PERFORMANCE DATA

2 7/8 in

6.50 lbs/ft

P110

EUE 8 RD

TUBULAR DATA

TUBE O.D.	2.875	in	
TUBE I.D.	2.441	in	
TUBE WALL	0.217	in	80% Safety Factor
DRIFT DIA.	2.347	in	
PIPE BODY CSA	1.812	in ^{2}	
TENSION YLD.	199,300	lbs	159,440
COMPRESSION YLD.	199,300	lbs	159,440
INTERNAL PRESSURE YLD.	14,530	psi	11,624
COLLAPSE PRESSURE YLD.	14,550	psi	11,640
BENDING YLD.	175	°/100ft	
TORSION YLD.	11,854	ft-lb	

CONNECTION DATA

CONNECTION O.D.	3.194	in	
CONNECTION I.D.	2.441	in	
MAKE-UP LOSS	2.696	in	
CONNECTION CSA	1.812	in ^{2}	
TENSION YLD.	199,300	lbs	100.00% eff
COMPRESSION YLD.	157,500	lbs	79.00% eff
INTERNAL PRESSURE YLD.	14,530	psi	
COLLAPSE PRESSURE YLD.	14,550	psi	
BENDING YLD.	175	°/100ft	
TORSION YLD.	4,300	ft-lb	
OPERATING TORQUE	3,440	ft-lb	

MAKE-UP TORQUE

MINIMUM MAKE-UP TORQUE	2,200	ft-lb
OPTIMUM MAKE-UP TORQUE	2,700	ft-lb
MAXIMUM MAKE-UP TORQUE	3,200	ft-lb