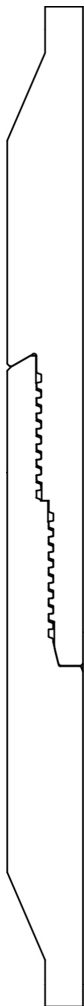


OIL DOG



PIPE RENTALS LP



CONNECTION PERFORMANCE DATA

2 3/8 in	5.95 lbs/ft	P110	PH-6
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TUBULAR DATA

TUBE O.D.	2.375	in	
TUBE I.D.	1.867	in	
TUBE WALL	0.254	in	80% Safety Factor
DRIFT DIA.	1.773	in	
PIPE BODY CSA	1.692	in ^{2}	
TENSION YLD.	186,200	lbs	148,960
COMPRESSION YLD.	186,200	lbs	148,960
INTERNAL PRESSURE YLD.	20,590	psi	16,472
COLLAPSE PRESSURE YLD.	21,010	psi	16,808
BENDING YLD.	212	°/100ft	
TORSION YLD.	8,600	ft-lb	

CONNECTION DATA

CONNECTION O.D.	2.906	in	
CONNECTION I.D.	1.805	in	
S/C DIA.	2.782	in	
MAKE-UP LOSS	3.050	in	
CONNECTION CSA	1.809	in ^{2}	
STRING LENGTH (1.6 S/F)	19,540	ft	
TENSION YLD.	204,800	lbs	110.00% eff
COMPRESSION YLD.	211,250	lbs	114.00% eff
INTERNAL PRESSURE YLD.	20,590	psi	
COLLAPSE PRESSURE YLD.	21,010	psi	
BENDING YLD.	271.5	°/100ft	
TORSION YLD.	6,779	ft-lb	
OPERATING TORQUE	5,423	ft-lb	

MAKE-UP TORQUE

MINIMUM MAKE-UP TORQUE	2,700	ft-lb
OPTIMUM MAKE-UP TORQUE	3,038	ft-lb
MAXIMUM MAKE-UP TORQUE	3,375	ft-lb