Weatherford's flawed testing procedure

Best Practices	Macondo Practices	Effect on Reliability of Weatherford Data
	1.2-to-1 L/D ratio	Underpredicts compressibility
Whole core; test direction mimics field conditions	Rotary sidewall core; tested in wrong direction	Underpredicts compressibility
Buildup rate of 1 psi/sec and depletion loading rate of .1 psi/sec; measure for creep and seating loads	Buildup rate of 4.2 psi/sec and depletion rate of .5 psi/sec; no measurement for creep or seating loads	Underpredicts compressibility
	Cores subjected to drilling mud and high stress	Increases uncertainty
Calibrate equipment before and after tests	Unknown	Increases uncertainty