. In the laboratory, a 1000 psi pressure change is imposed over 10,000 seconds, and maybe over 31,536,000 seconds (1 year) in the field - ca. 3000 times slower. Compressibility acting over reservoir depletion timescales will include creep and other "slow deformation" effects. · Wire-line logging perturbations imposes a small pressure change at extremely high frequency. Seismic velocity has a lower frequency, but a similar stress change.

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