

Reservoir Storage

The ability of [reservoir](#) to accumulate pressure throughout the [pore volume](#):

(1) $\gamma = c_t \cdot V_\phi = c_t \cdot \phi \cdot V_r = \beta \cdot V_r$

where

c_t	total compressibility
V_ϕ	pore volume
V_r	bulk rock volume
ϕ	effective porosity
β	reservoir storativity

See also

[Physics](#) / [Fluid Dynamics](#) / [Percolation](#)

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Reservoir Flow Simulation](#)

[[Field Study & Modelling](#)] [[Complex reservoir properties](#)] [[Basic diffusion model parameters](#)]