

# Reservoir Storativity

The ability of [reservoir](#) to accumulate pressure per unit of [bulk rock volume](#):

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

where

|          |                                       |
|----------|---------------------------------------|
| $V_r$    | <a href="#">bulk rock volume</a>      |
| $\gamma$ | <a href="#">reservoir storage</a>     |
| $c_t$    | <a href="#">total compressibility</a> |
| $\phi$   | <a href="#">effective porosity</a>    |

## See also

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

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

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