Discretization

Δt = 30 min, Δx = 0.01 m

Thermodynamic Conditions

T = 60 °C, P = 100 bar

Transport Parameters

v = 1 m/week, $D = 10^{-9}$ m^2/s

Injection Fluid

1 kg of H_2O

0.90 molal NaCl

0.05 molal $MgCl_2$

0.01 molal $CaCl_2$

0.75 molal CO_2