Reply on AC1
Christian David

Community comment on "Matrix gas flow through “impermeable” rocks – shales and tight sandstone" by Ernest Rutter et al., Solid Earth Discuss., https://doi.org/10.5194/se-2021-140-CC2, 2022

Thanks for addressing my points.

My point number 5 was not correctly understood, I wanted to say that the effective pressure should be defined as $P_{eff} = P_c - m P_p$ (like in line 256) and not $P_{eff} = P_c (1 - m P_p)$. 