```
thermoType
{
    type            htHydroThermo;
    mixture         pureMixture;
    transport       IAPWS;
    thermo          IAPWS;
    equationOfState IAPWS;
    specie          specie;
    energy          temperature;
}
mixture
{
    specie{ molWeight       18; }
    porousMedia
    {
        porosity porosity [0 0 0 0 0 0 0] 0.1;
        kr kr [1 1 -3 -1 0 0 0] 2;
        cp_rock cp_rock [0 2 -2 -1 0 0 0] 880;
        rho_rock rho_rock [1 -3 0 0 0 0 0] 2700;
    }
}
```