

Radial fluid flow

Axial symmetric fluid flow towards or away from fluid source/drain (usually a well) which is aligned along the radial direction in 2D space.

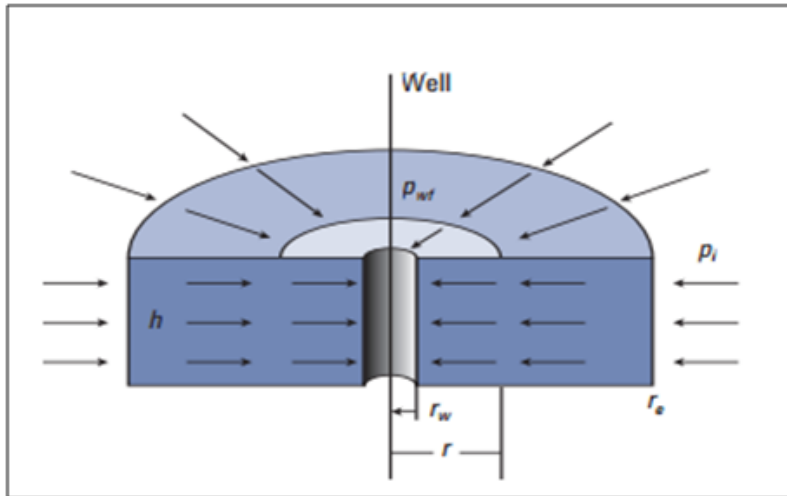


Fig. 1. Radial flow schematic around a [producing well](#) in a vertically homogeneous reservoir

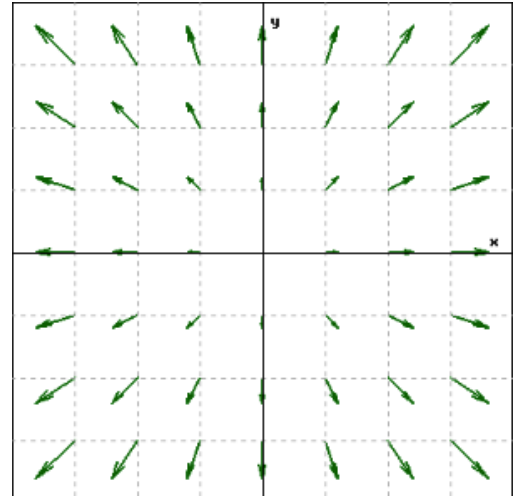


Fig. 2. A sample of radial flow aligned along radial direction and in this case defined by a vector field $u(\mathbf{r}) = u(r)$, where $r = \sqrt{x^2 + y^2}$

See also

[Physics / Fluid Dynamics](#)

[[Radial Flow Pressure @model](#)] [[Linear Fluid Flow](#)]