

Fractured vertical well pressure diffusion @model

$$(1) \quad p(t, x) = p_i - \frac{q_t}{\sigma d} \left[\sqrt{\frac{4\chi t}{\pi}} \exp\left(-\frac{x^2}{4\chi t}\right) - x \left[1 - \operatorname{erf}\left(\frac{x}{\sqrt{4\chi t}}\right) \right] \right]$$