

Absolute Open Flow (AOF)

Maximum [surface production rate](#) with zero [bottomhole pressure](#) ($p_{wf} = 0$).

The concept of [AOL](#) may apply to various [fluids](#) and normally makes clear in a given context, the most popular being the maximum [surface production rate of oil](#) and [surface production rate of gas](#).

In single-layer formation can be estimated as:

$$(1) \quad q_{AOF} = J_r \cdot p_r$$

where J_r is [Drainarea Productivity Index](#), p_r is [drainarea-average formation pressure](#).