

Total Sandface Productivity Index (Jt)

Productivity Index based on all fluids across the well-reservoir contact:

(1)
$$J_t = \frac{q_t}{p_e - p_{wf}}$$

where

q_t	total sandface flowrate
p_e	multiphase formation pressure
p_{wf}	sandface bottom hole pressure

See Also

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[Subsurface E&P Disciplines / Production Technology](#)