$$q_o\left(\frac{cu\ ft}{sec}\right) = \text{Qo}\left(\frac{\text{STBO}}{\text{day}}\right) \times \text{Bo}\left(\frac{\text{bbl}}{\text{STBO}}\right) \times 5.614\left(\frac{\text{cu ft}}{\text{bbl}}\right) \times \frac{1}{24 \times 60 \times 60}\left(\frac{day}{sec}\right)$$