



Errata Sheet – March 2022
Gas Lift Manual
Gabor Takacs

Errata Location

Corrected Version

Page 31, Eq. 2.53

$$v = 0.0119 \frac{q_l B}{d^2}$$

Page 41, Eq. 2.65

$$q_{gsc} = 693 C_d d^2 p_1 \sqrt{\frac{1}{\gamma_g T_1}} \sqrt{\frac{2\kappa}{\kappa-1}} \sqrt{\left(\frac{p_2}{p_1}\right)^{\frac{2}{\kappa}} + \left(\frac{p_2}{p_1}\right)^{\frac{\kappa+1}{\kappa}}}$$

Page 106, Eq. 2.235

$$v_T = C_2 \sqrt{\frac{d(\rho_l - \rho_g)}{\rho_l}} \sqrt{\sin \alpha} (1 + \cos \alpha)^{1.2}$$

Page 107, Eq. 2.237

$$\lambda_{lc} = \frac{E v_{sl}}{v_{sg} + E v_{sl}}$$

Page 153, First part of Eq. 2.300

$$T_f(z) = T_r(z) - \frac{A \sin \alpha}{J c_l} + A F_c + A g_g \sin \alpha +$$

Page 184, Eq. 3.12

$$p_{dl} V_{dl} = p_d (V_{dl} - x A_b)$$

Page 184, Eq. 3.13

$$p_d = \frac{p_{dl} V_{dl}}{V_{dl} - x A_b}$$