$$\exp(:V:), \qquad V = -\frac{1}{p} \left(\frac{\text{F1}^2}{24\rho_b} p_x - \frac{\text{F1}}{12\rho_b} y^2 + \frac{y^4}{6\text{F1} \rho_b^2} \right) \tag{90}$$