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