Isotherm in a Pv-diagram

Give an expression for an isotherm in a Pv-diagram (v on the horizontal axis).

Horizontal axis v, vertical axis P gives for the slope $\left(\frac{\partial P}{\partial v}\right)$ for an isotherm the constant variable T should be added at the lower right bracket: $\left(\frac{\partial P}{\partial v}\right)_T$