Callen

3.4 3 From PV=NRT,

P. =
$$2R \times 273$$
 $\approx [0.1 MPa]$

(0.1 § .45

dh=0 means $(dS=0 \Rightarrow \# dS=0.$
 $\Rightarrow (R \ln (Mf) + R \ln (Vf) = 0.$
 $\frac{3}{2} \ln (\frac{2}{10} + \frac{2}{10} + \frac{2}{1$