Whols My if gas has
$$d=2.239/L$$
 @12.5 a/m and 0°C

$$PM = dRT \Rightarrow M = dRT$$

$$P \qquad P$$

$$\Rightarrow M = 2.239/L * 0.08206 a/m/L * 273 K$$

$$12.5 a/m \qquad 12.5 a/m \qquad$$

X

Air,
$$P_{TOT} = 760 \text{ minHg}$$
 $3CN_2 = 0.78$, $X_{02} = 0.21$, $X_{AI} = 0.01$
 $PN_2 = 0.78 \times 760 \text{ minHg}$
 $P_{02} = 0.21 \times 760 \text{ minHg}$
 $= 592.8 \text{ minHg}$
 $= 159.6 \text{ minHg}$
 $= 7.6 \text{ minH$

$$\Rightarrow 0.32 \text{ mol} = 0.72 \text{ n}_{Ac}$$

$$0.72 \qquad 0.72$$

$$X_{Ar} = \frac{N_{Ar}}{N_{Ar} + N_{CH4}} = \frac{0.44 \text{ mol}}{0.44 \text{ mol}} = \frac{0.61}{0.28}$$

Gas Stoichiometry

37.8g NH3 mass ? mol NH3 > ? mol H2 pV=nRT vol. of H2
/ DV=nRT
IS TO SERVICE OF THE PROPERTY
vol. of H2