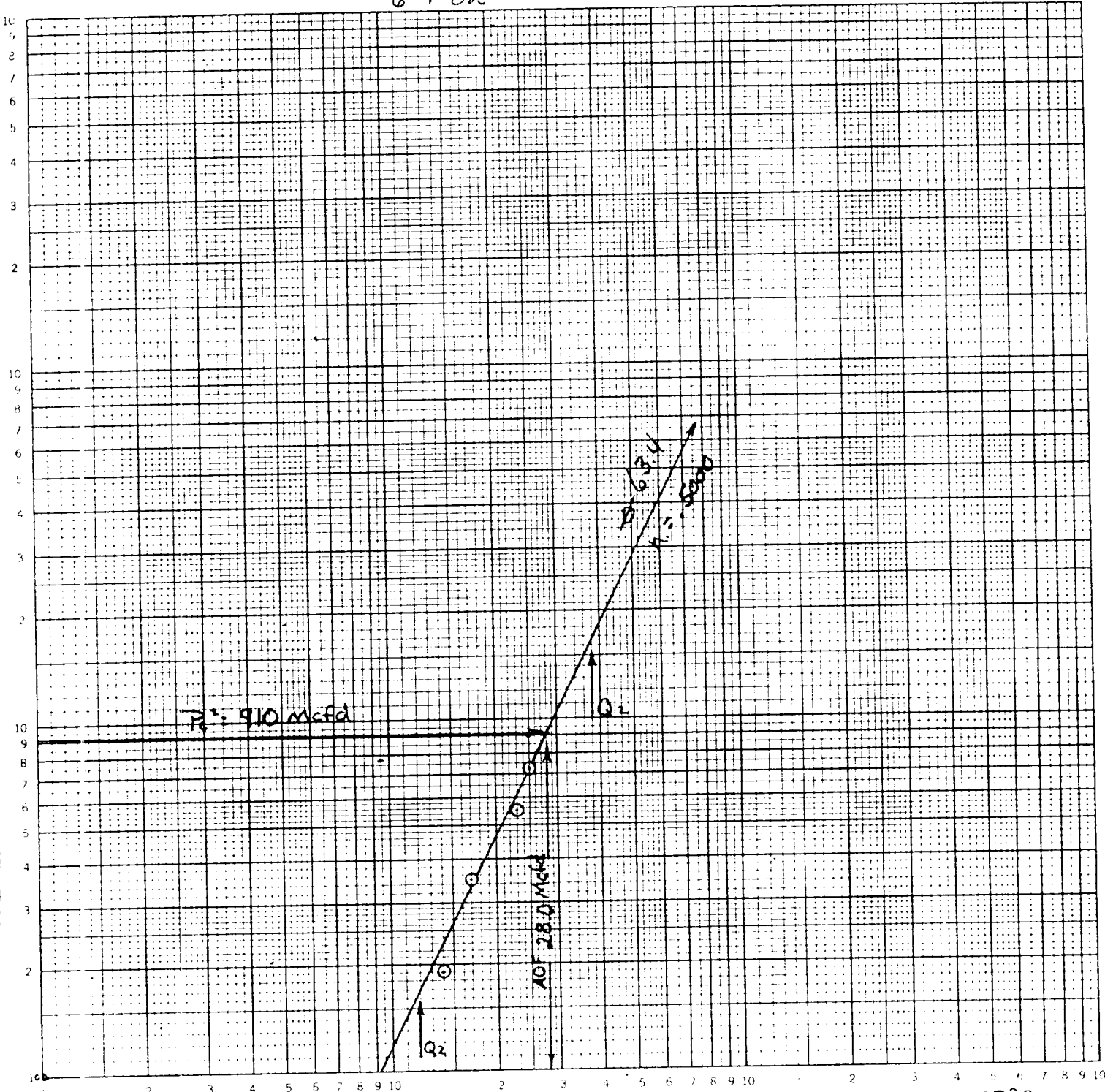


HANAGAN FEDERAL # 1 A  
 UNIT D SEC. 11 TWP. 17S RGE 26E  
 CHAVES COUNTY

6-7-82

46 7400

K<sup>o</sup>E LOGARITHMIC 3 X 3 CYCLES  
 KEUFFEL & ESSER CO. MADE IN USA



$\bar{\Delta P}_1: P_e^2 - P_w^2 = 1700$

$Q_1, \text{ Mcfd}$

$\text{LOG } Q_1 = 1.5792$

$\bar{\Delta P}_2: P_e^2 - P_w^2 = 170$

$\text{LOG } Q_2 = 1.0792$

$Q_1 = 38$

$n = .5600$

$Q_2 = 12$