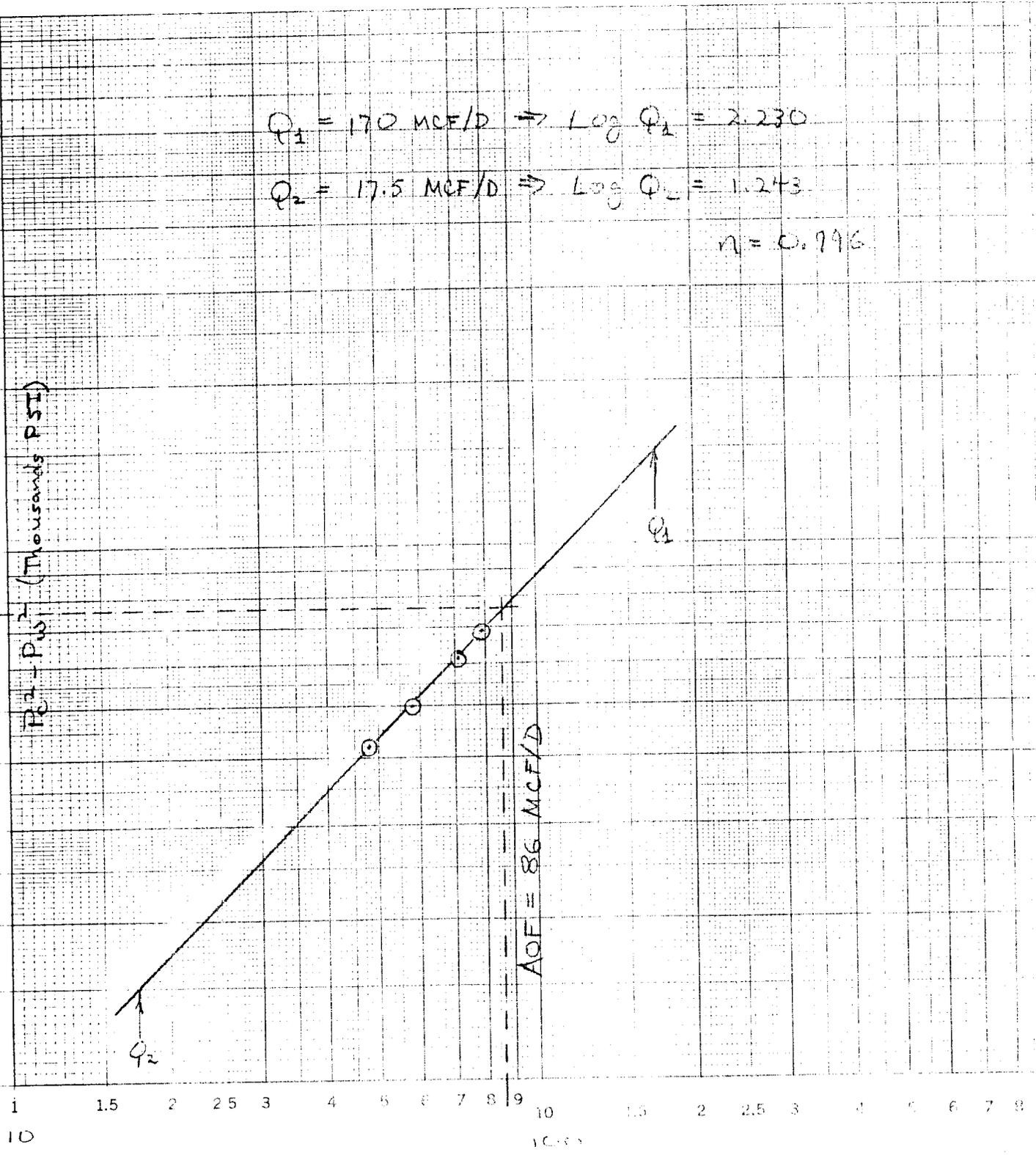


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K&E LOGARITHMIC 2 X 2 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



$$Q_1 = 170 \text{ MCF/D} \Rightarrow \text{Log } Q_1 = 2.230$$

$$Q_2 = 17.5 \text{ MCF/D} \Rightarrow \text{Log } Q_2 = 1.243$$

$$n = 0.996$$

$P_1 - P_w$ (Thousands PSI)

AOE = 86 MCF/D

Q (MCF/D)