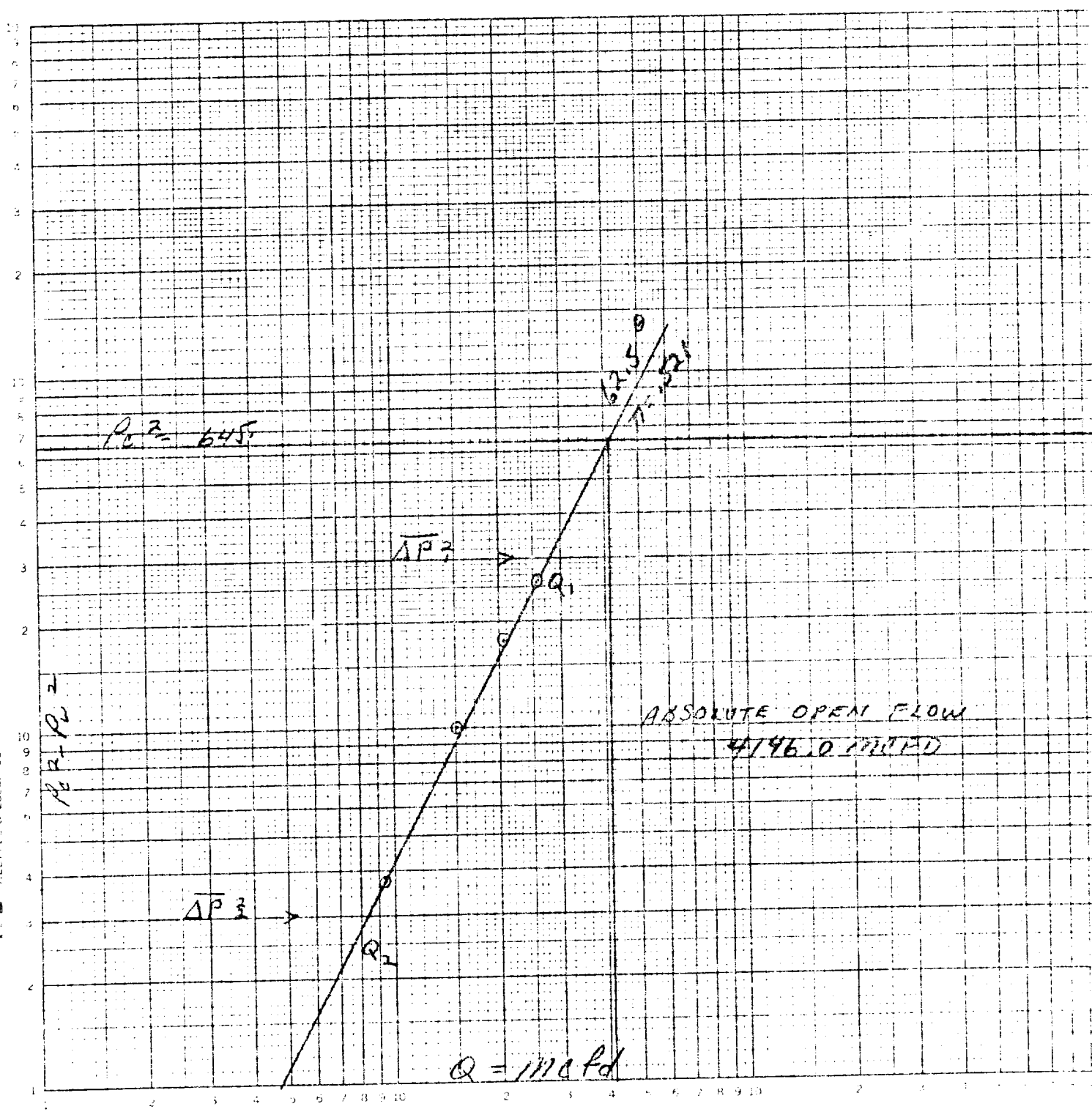


BRYN MAWR FEDERAL 17-
 UNIT K, S17 TCS, R 250
 CHAVES COUNTY
 NEW MEXICO
 10-3-82

467400

LOGARITHMIC 3 X 3 CYCLES
 RECFEIL & ESSER CO. MADE IN U.S.A.



$$\begin{aligned}
 \Delta P_1 \quad P_0^2 - P_w^2 &= 300 \\
 \Delta P_2 \quad P_0^2 - P_w^2 &= 30 \\
 Q_1 &= 2804.8 \text{ mcf/d} \\
 Q_2 &= 845.0 \text{ mcf/d}
 \end{aligned}$$

$$\begin{aligned}
 \log Q_1 &= 3.4479 \\
 \log Q_2 &= 2.9269 \\
 \log \frac{Q_1}{Q_2} &= .521
 \end{aligned}$$