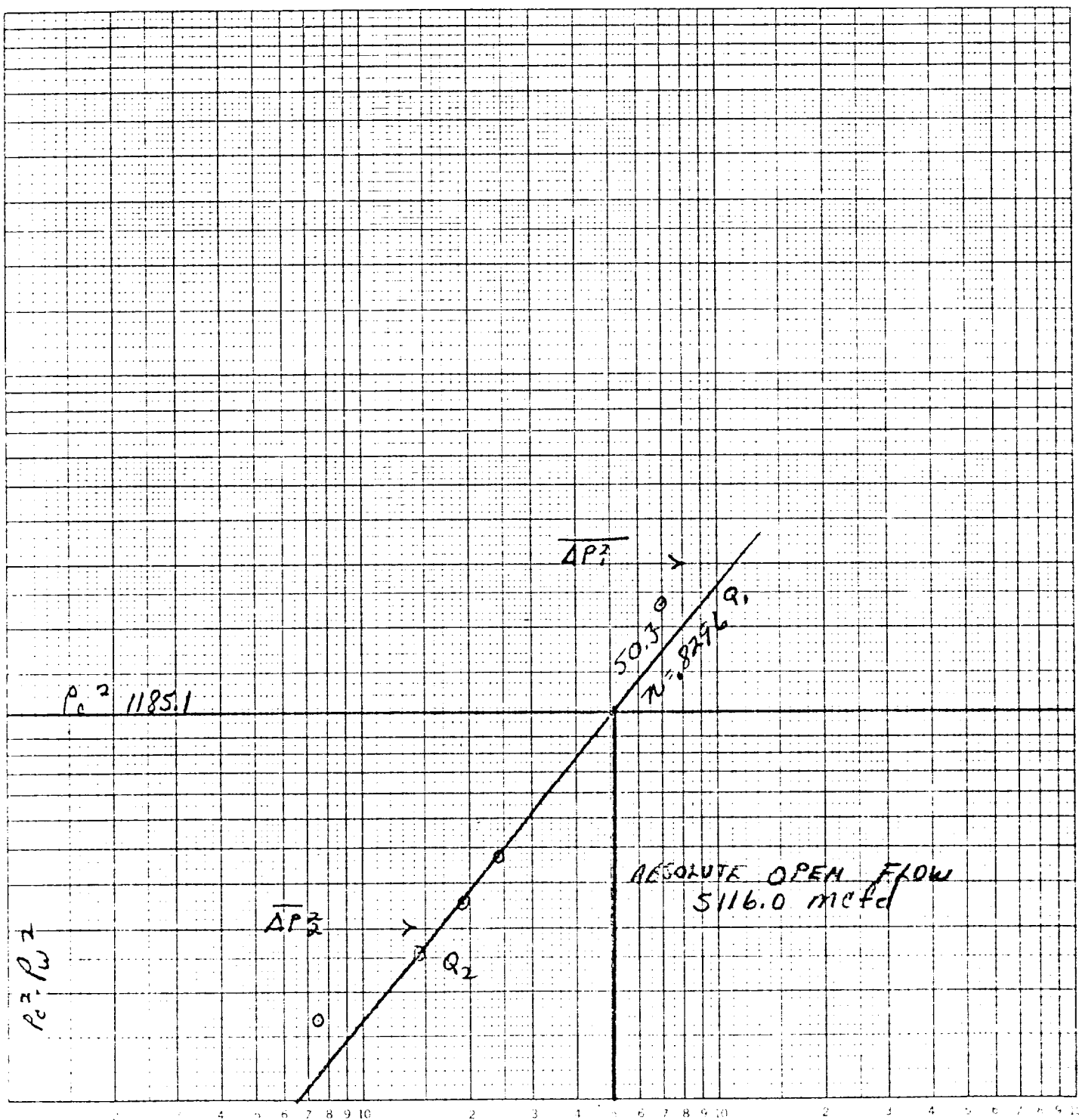


Jack Gray & Assoc.
OUT Well Federal #1
Unit O, Sec 29, Twp 55, Rge 24E
Chaves County

7-19-82

46 7400

COMPARISON OF METHODS
FOR DETERMINING PERMEABILITY



$$\begin{aligned} \overline{\Delta P}_1 \quad P_c^2 - P_w^2 &= 3000 \\ \overline{\Delta P}_2 \quad P_c^2 - P_w^2 &= 300 \\ Q_1 &= 11,050. \text{ mcfD} \end{aligned}$$

$$\begin{aligned} \log Q_1 &= 4.0434 \\ \log Q_2 &= 3.2138 \\ n &= 0.8296 \end{aligned}$$