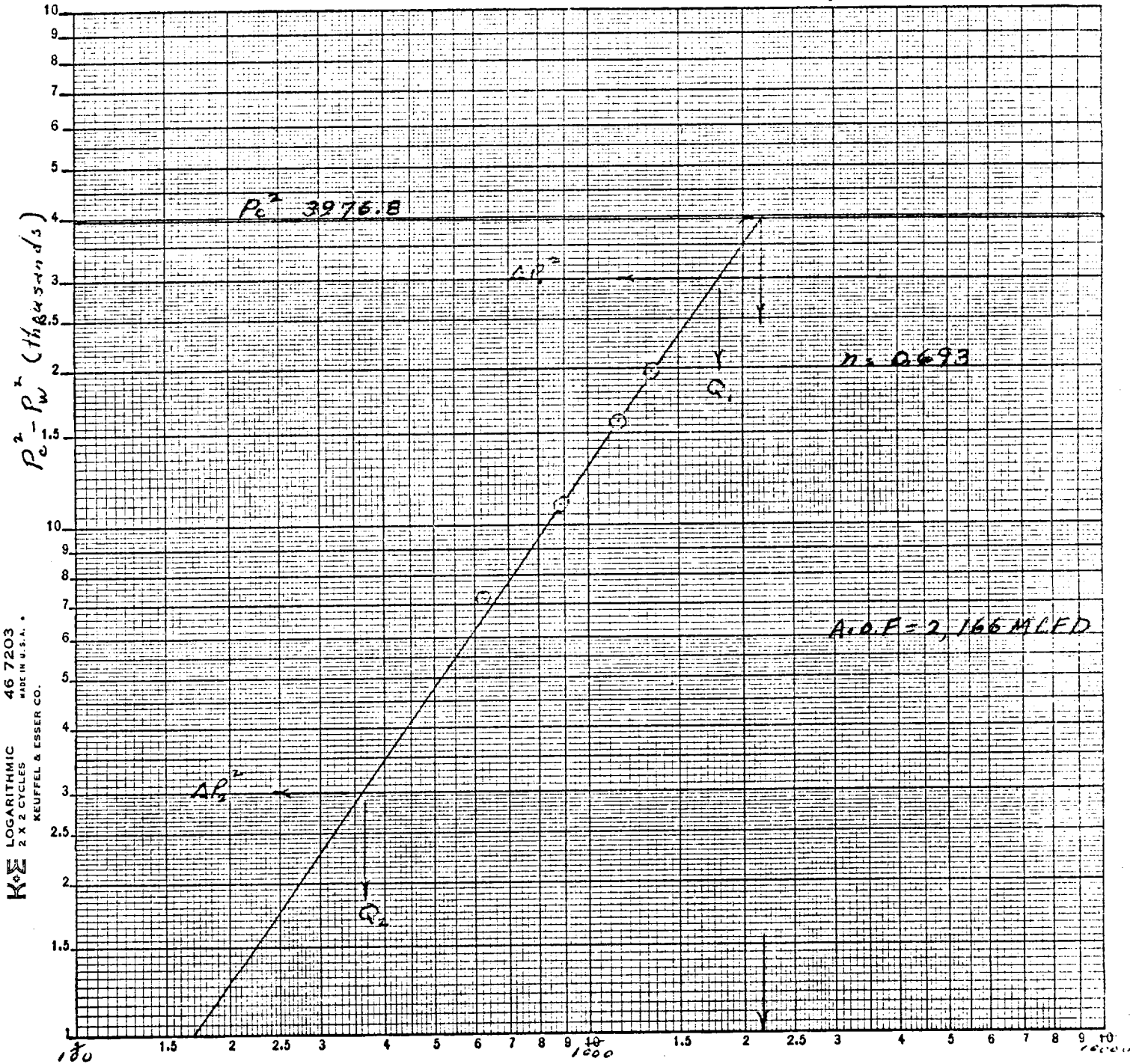


ATLANTIC RICHFIELD
PURE FEDERAL #1
K-11-21S - 25E
EDDY
7-17-73

RECEIVED

JUL 20 1973

O. C. C.
ARTESIA, OFFICE



KE LOGARITHMIC 46 7203
2 X 2 CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.

$$\begin{aligned} \Delta P^2 \quad P_c^2 - P_w^2 &= 3000 \\ \Delta P^2 \quad P_c^2 - P_w^2 &= 300 \\ Q_1 &= 1800 \\ Q_2 &= 365 \end{aligned}$$

Q, MCFD

$$\begin{aligned} \log Q_1 &= 3.255273 \\ \log Q_2 &= 2.562293 \\ n &= .692980 \\ n &= .693 \end{aligned}$$