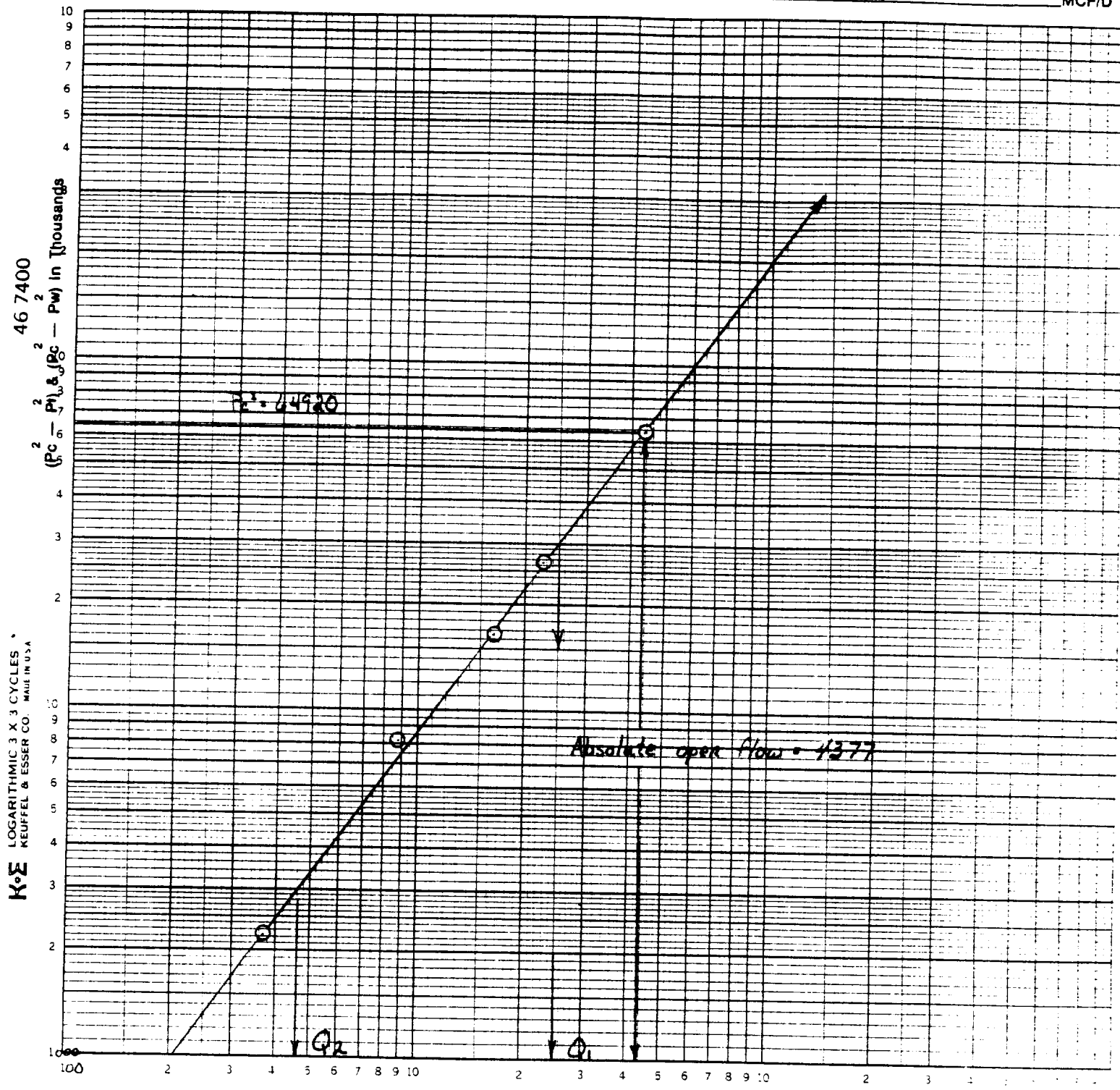


BENNETT & CATHEY PRODUCTIVE TESTING
BACK PRESSURE CURVE

Operator Southland Royalty Lease Madera Ridge Well No. 22
 County Lea Field Johnson Ranch Location 22 245 33E
 Date of Test 1-10-86 Slope "n" 0.735 Angle of Slope 53.7

Calc. Abs. Potential 4377 MCF/D



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

$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{30000}{3000}$$

$$Q_1 = \underline{2500}$$

$$Q_2 = \underline{460}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.3979}$$

$$\text{LOG } Q_2 = \underline{2.6629}$$

$$n = \underline{0.735}$$

RECEIVED

JAN 29 1986

U.S. AIR FORCE
DIXIE OFFICE