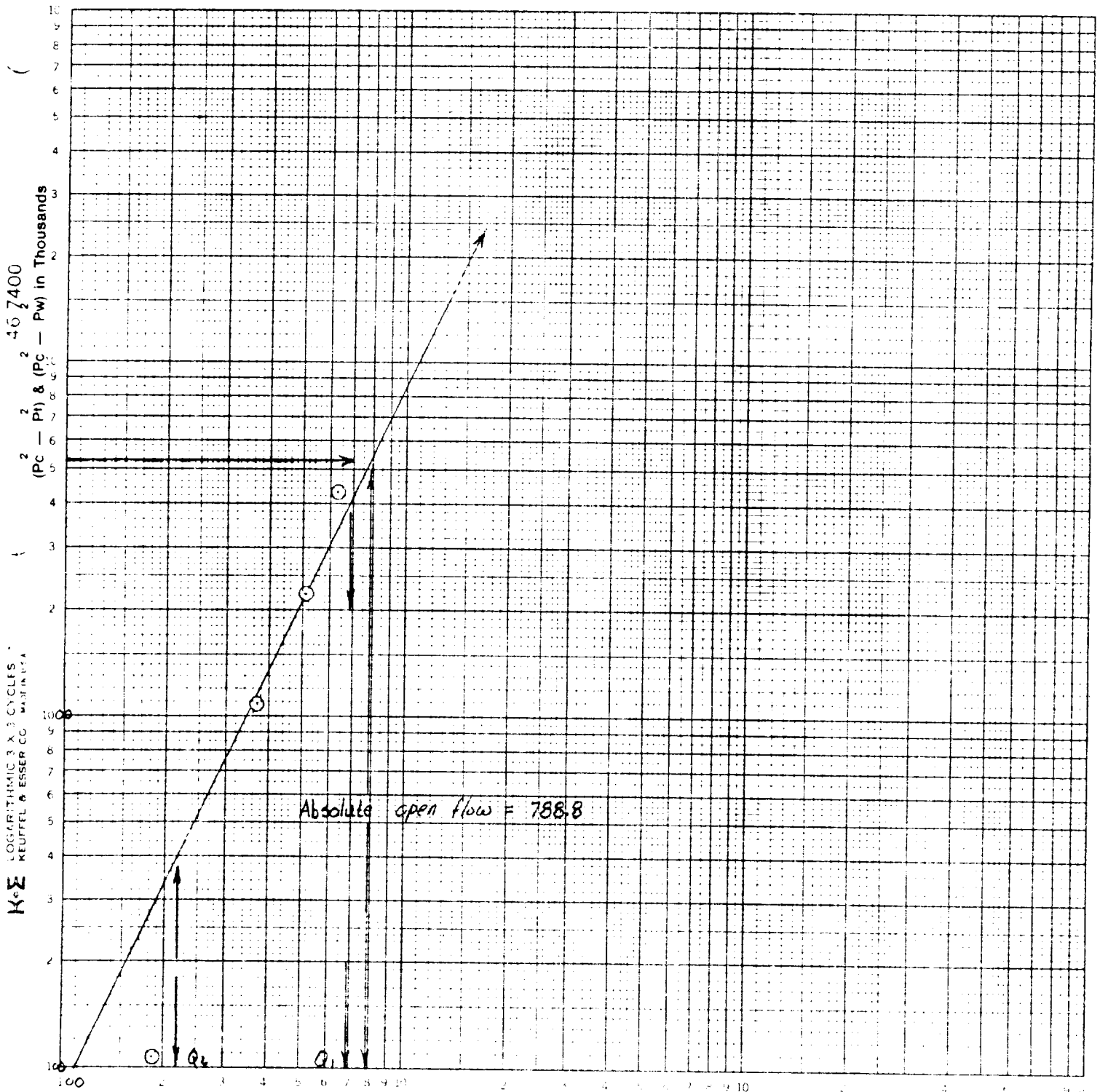


BENNETT & CATHEY PRODUCTION TESTING
BACK PRESSURE CURVE

Operator Chama Petroleum Lease Gulf Federal Com Well No. 1-Y
 County Eddy Field U D Morrow Location 35 195 25E
 Date of Test 3-27-84 Slope "n" 0.500 Angle of Slope 63.5

Calc. Abs. Potential 789 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{4000}{400}$$

$$Q_1 = \underline{695.7}$$

$$Q_2 = \underline{220}$$

Q In MCF/Day

$$\text{LOG } Q_1 = \underline{2.8424}$$

$$\text{LOG } Q_2 = \underline{2.3424}$$

$$n = \underline{0.5000}$$