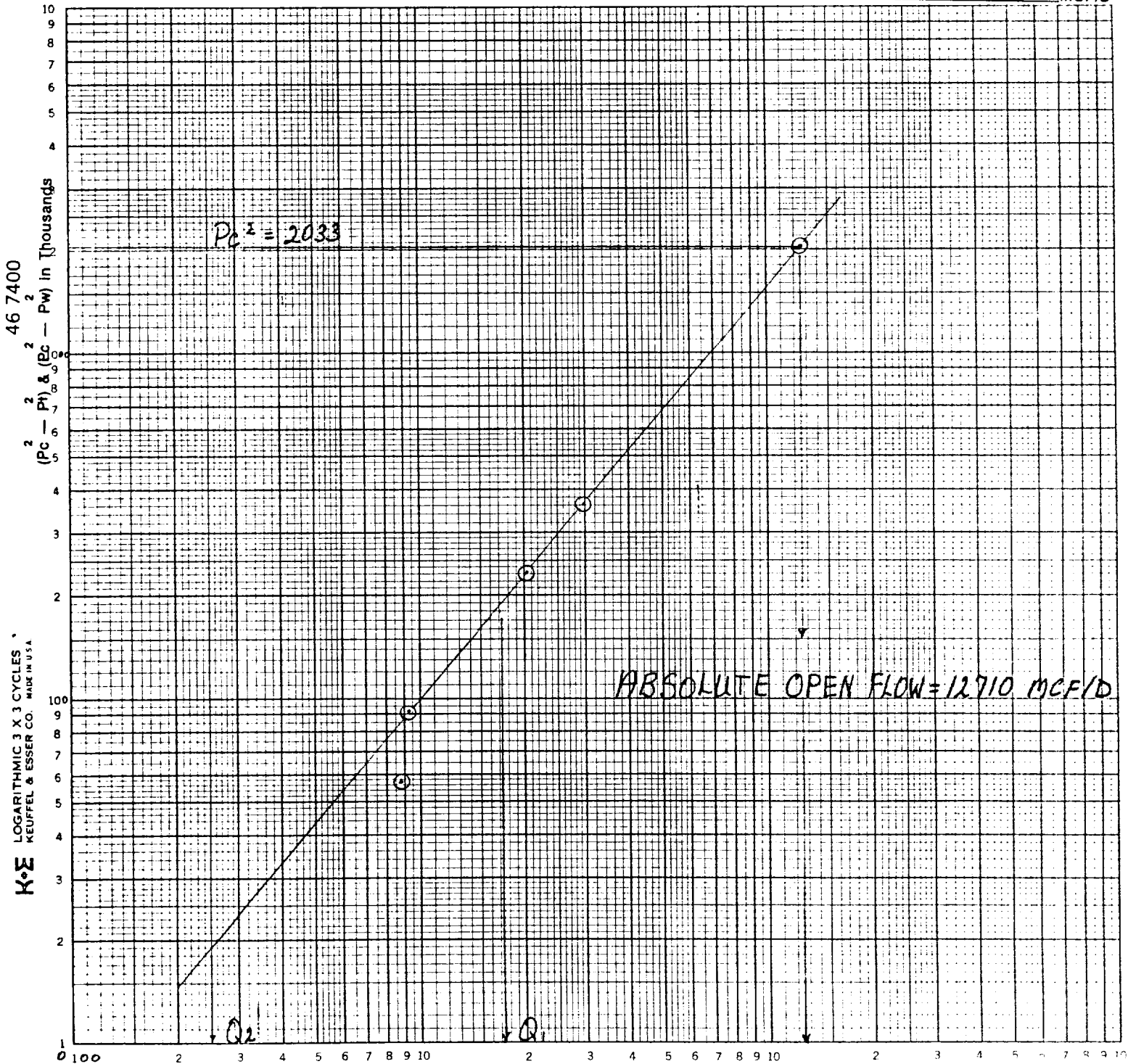


BENNETT & CATHEY PRODUCTIVITY TESTING BACK PRESSURE CURVE

Operator H.L. BROWN Lease FEDERAL 8 Well No. 1
 County EDDY Field BURTON FLATS Location _____
 Date of Test 12-13-88 Slope "n" 0.839 Angle of Slope 50.0

Calc. Abs. Potential 12710

MCF/D



$$\Delta P_1^2 \quad P_c^2 - P_w^2 = 190$$

$$\Delta P_2^2 \quad P_c^2 - P_w^2 = 19$$

$$Q_1 = 250$$

$$Q_2 = 1726$$

Q, Mcfd

$$\text{LOG } Q_1 = 3.237$$

$$\text{LOG } Q_2 = 2.398$$

$$n = 0.839$$