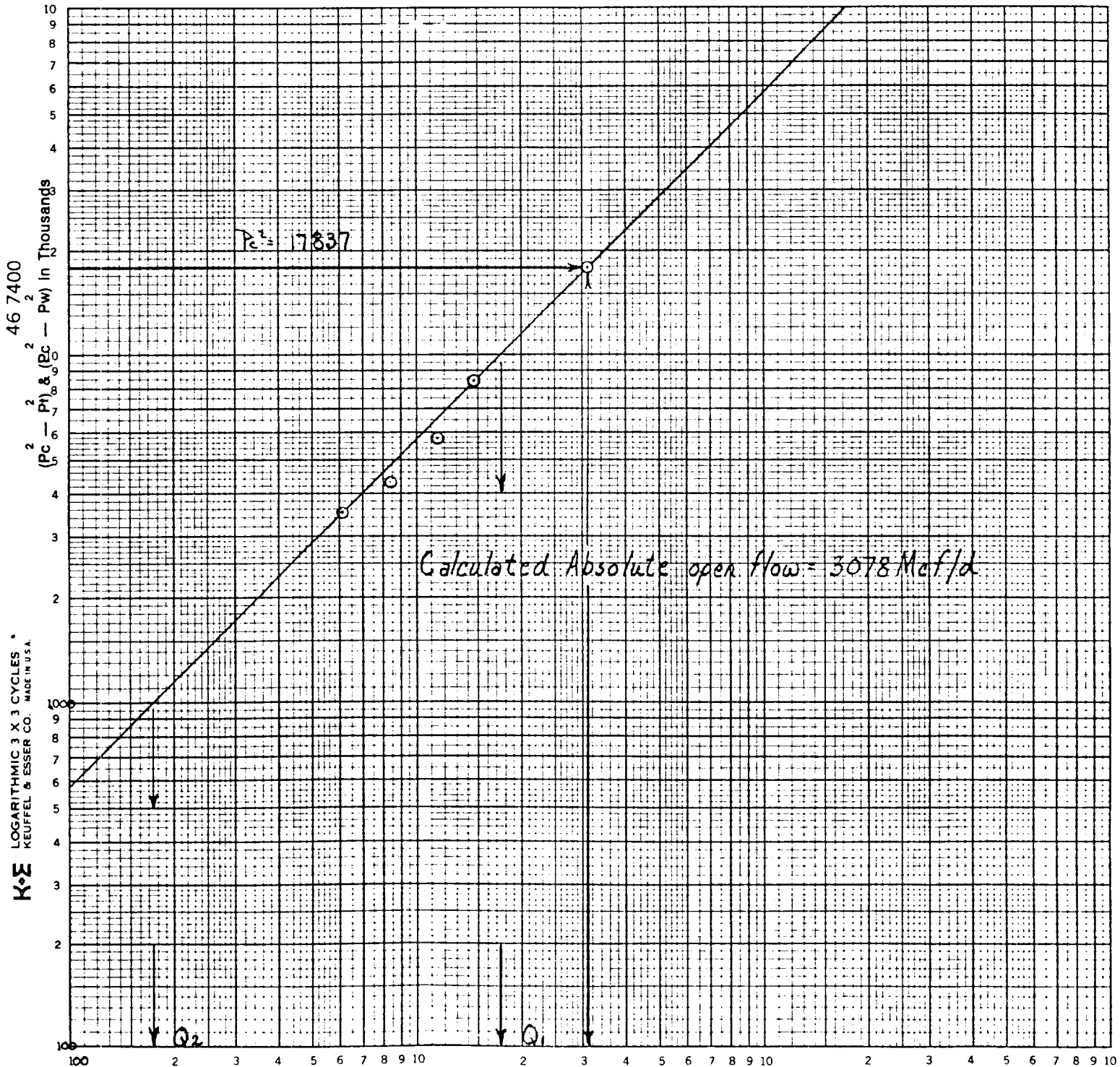


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Sanla Fe Energy Lease Johnson Well No. 1
 County Eddy Field U.D. Morrow Location E 24 22S 27E
 Date of Test 7-22-86 Slope "n" 1.000 Angle of Slope 45°

Calc. Abs. Potential 3078 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = \underline{10000}$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = \underline{1000}$$

$$Q_1 = \underline{1750}$$

$$Q_2 = \underline{175}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.2430}$$

$$\text{LOG } Q_2 = \underline{2.2430}$$

$$n = \underline{1.000}$$