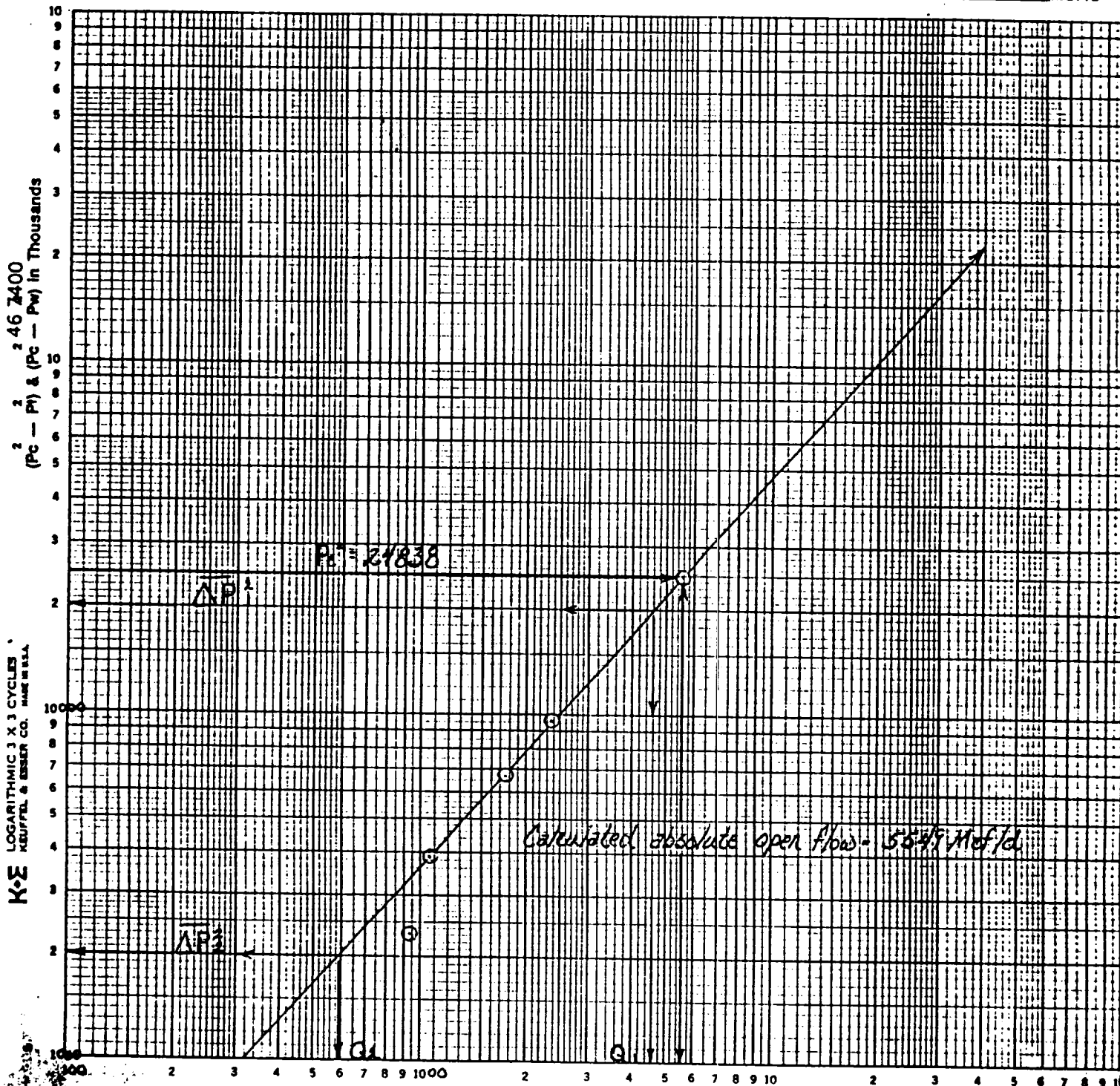


2067

BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Read & Stevens Lease North Lea Federal Well No. 3County Lea Field North Lea Penn Location 10 205 34EDate of Test 01-22-88 Slope "n" 0.8920 Angle of Slope 48.25Calc. Abs. Potential 5549 MCF/D

$$\Delta P_1^2: P_c^2 - P_w^2 = 20000$$

$$\Delta P_2^2: P_c^2 - P_w^2 = 2000$$

$$Q_1 = 4600$$

$$Q_2 = 590$$

$$\text{LOG } Q_1 = 3.6628$$

$$\text{LOG } Q_2 = 2.7708$$

$$n = 0.8920$$