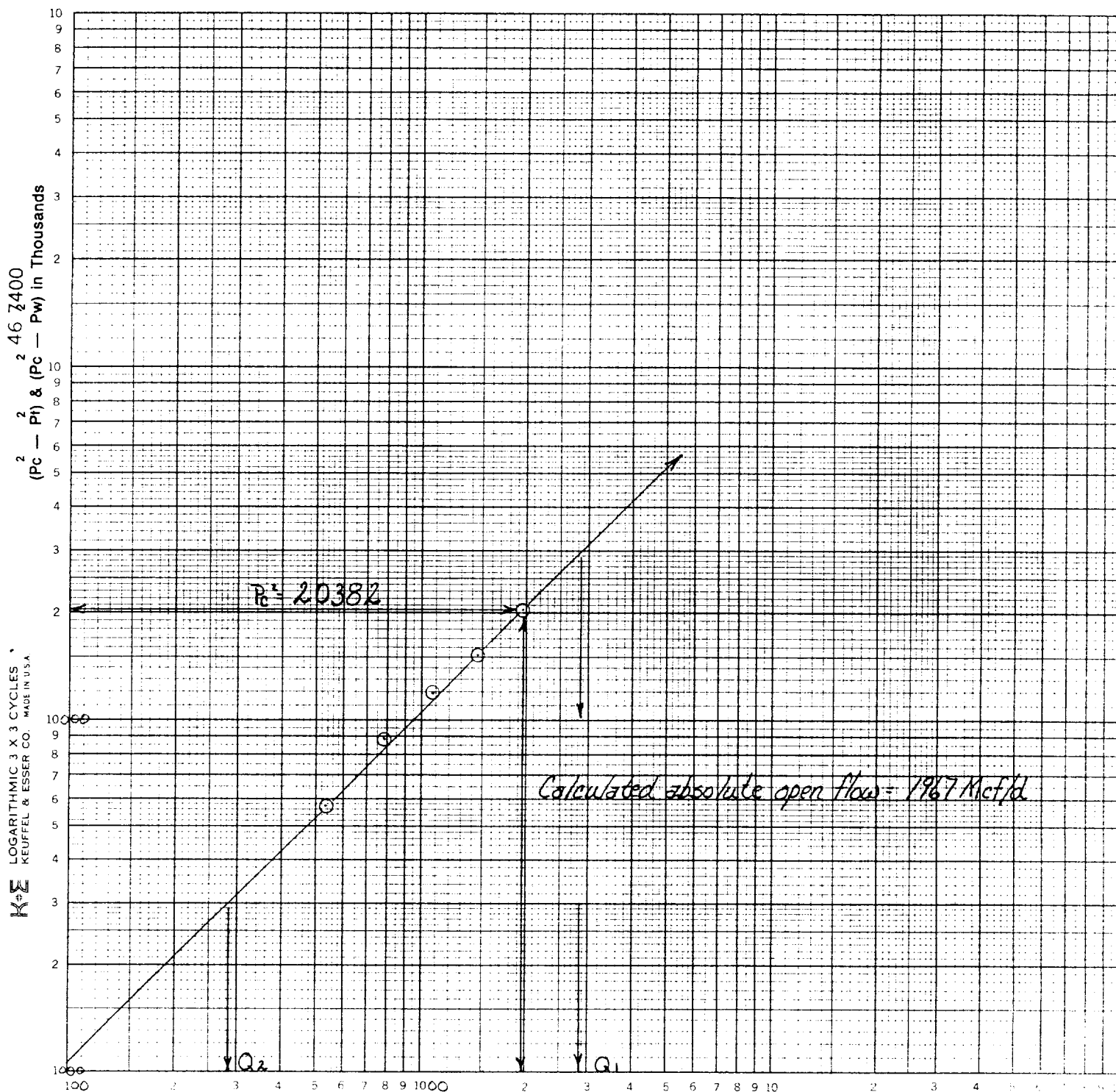


BACK PRESSURE CURVE

Operator Read & Stevens Inc Lease Mark Federal Well No. 1
 County Lea Field Location 3-20S-34E
 Date of Test 4-22-88 Slope "n" 1.000 Angle of Slope 45°
 Calc. Abs. Potential 1967 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 30000$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 3000$$

$$Q_1 = 1050$$

$$Q_2 = 115$$

Q, Mcfd

$$\text{LOG } Q_1 = 3.4548$$

$$\text{LOG } Q_2 = 2.4548$$

$$n = 1.0000$$