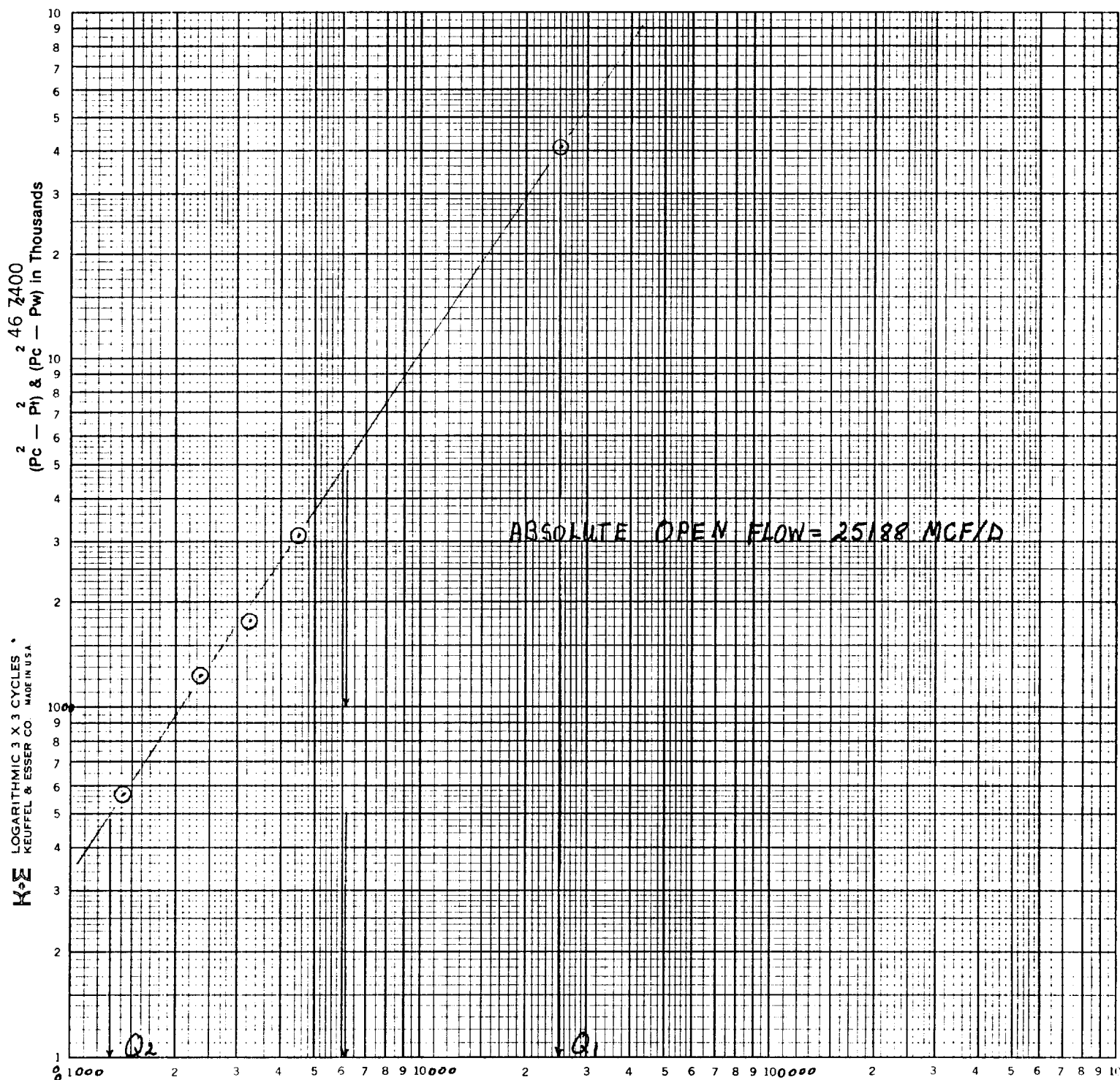


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator BETTIS, ROYAL & STOVALL Lease LOTOS FEDERAL Well No. 1
 County EDDY Field UNDESIGNATED Location 9-24s-31E
 Date of Test 12-19-88 Slope "n" 0.671 Angle of Slope 56.1
 Calc. Abs. Potential 25188 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 5000$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 500$$

$$Q_1 = 6095$$

$$Q_2 = 1300$$

$$\text{LOG } Q_1 = 3.785$$

$$\text{LOG } Q_2 = 3.114$$

$$n = 0.671$$