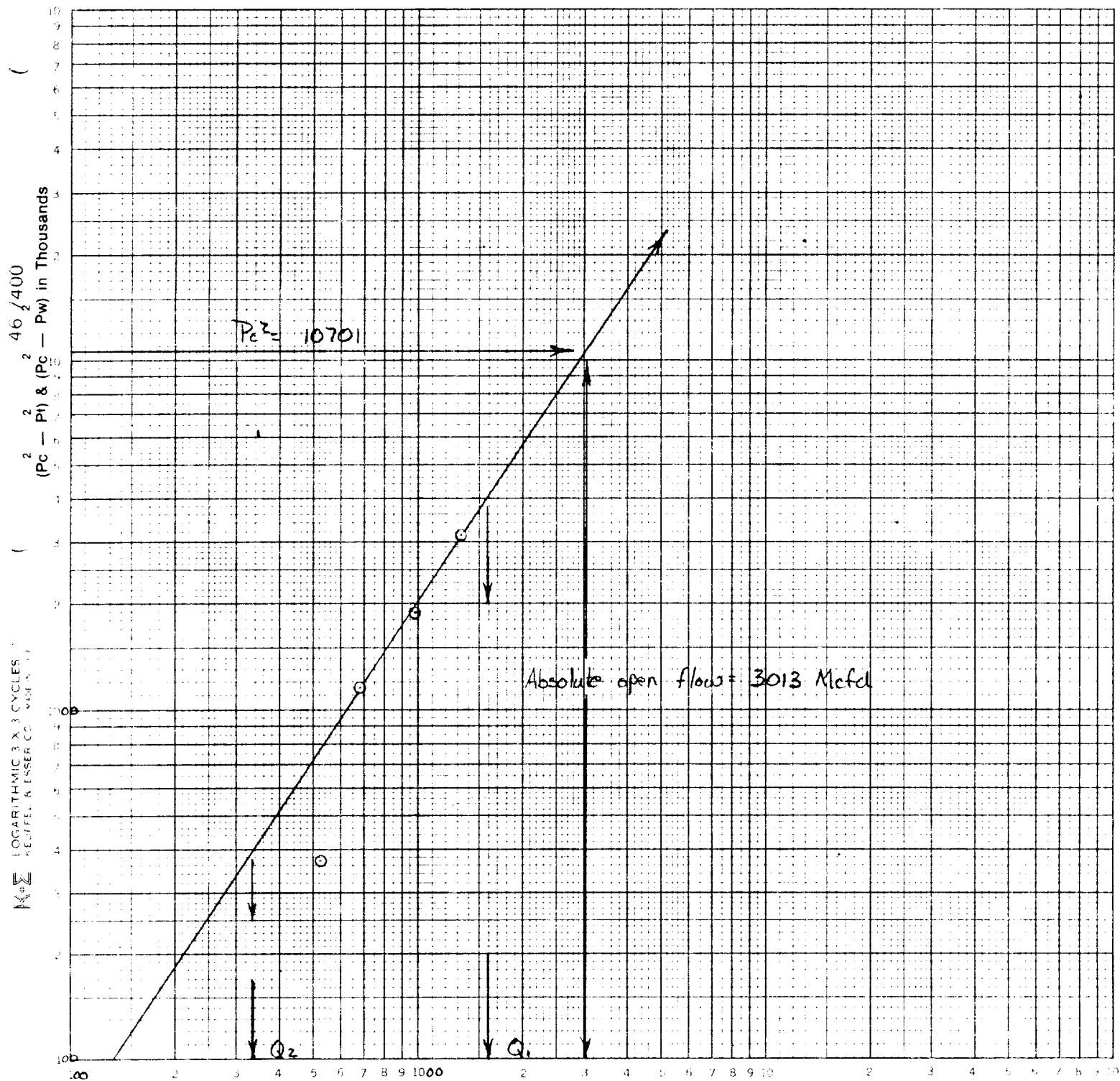


## BACK PRESSURE CUP

Operator HEYCO Lease CAN-KEN "4" FEDERAL Well No. #1County EDDY Field UNDESIGNATED Location 4--18S--31EDate of Test 9-17-84 Slope "n" .675 Angle of Slope 56.Calc. Abs. Potential 3013. MCF/D

$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{4000}{400}$$

$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{4000}{400}$$

$$Q_1 = \underline{1599}$$

$$Q_2 = \underline{338}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.2038}$$

$$\text{LOG } Q_2 = \underline{2.5289}$$

$$n = \underline{0.6749} = .675$$