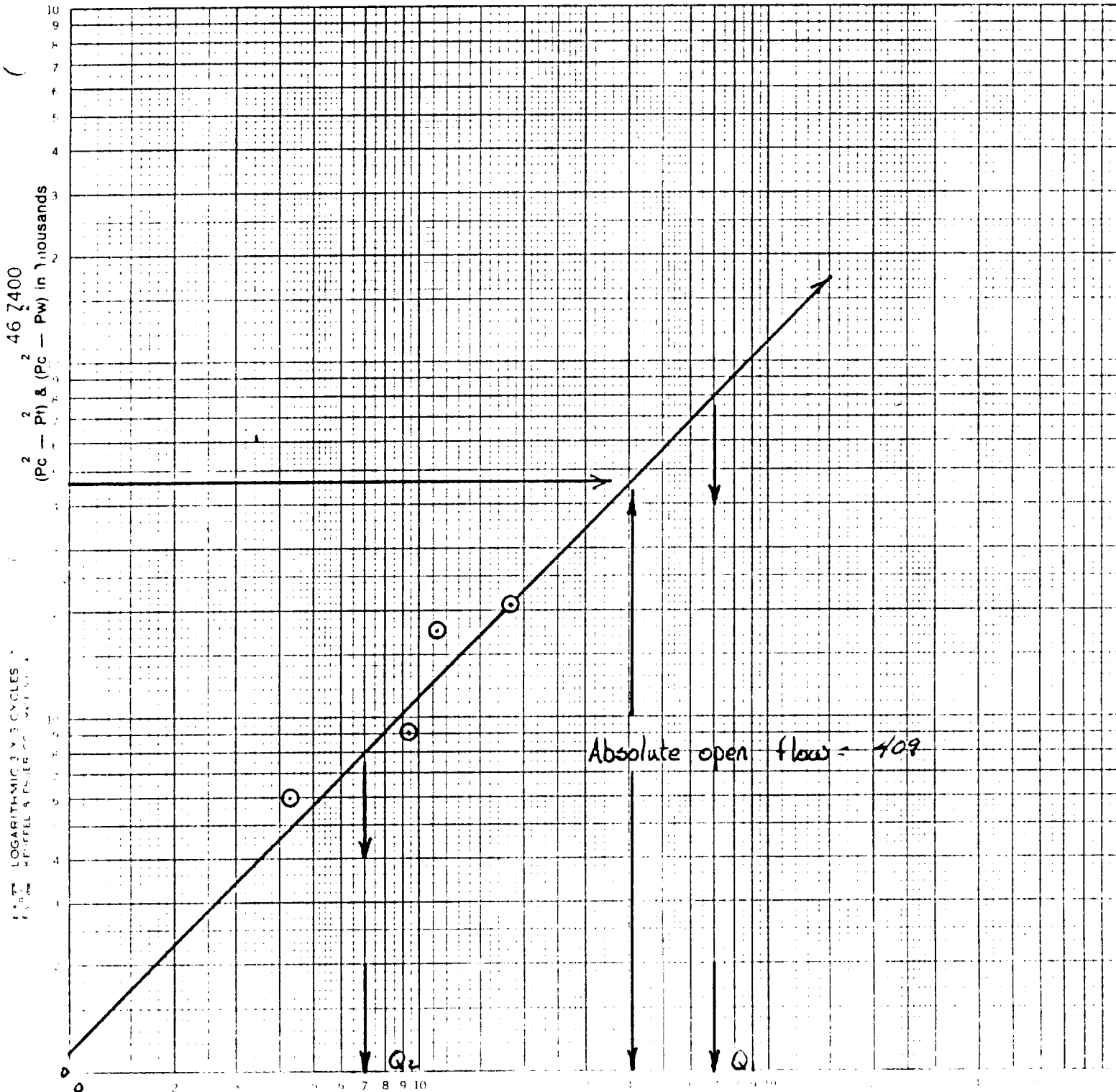


BACK PRESSURE CUP-E

Operator Pool Oil Co Lease Heather USA Well No. 1
 County Eddy Field _____ Location 27 165 31E
 Date of Test 1 30 85 Slope "n" 1.000 Angle of Slope 45°
 Calc. Abs. Potential 409 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{800}{80}$$

$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{800}{80}$$

$$Q_1 = \frac{700}{70}$$

$$Q_2 = \frac{70}{70}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \frac{2.8451}{1.8451}$$

$$\text{LOG } Q_2 = \frac{1.8451}{1.000}$$

$$n = \frac{1.000}{1.000}$$