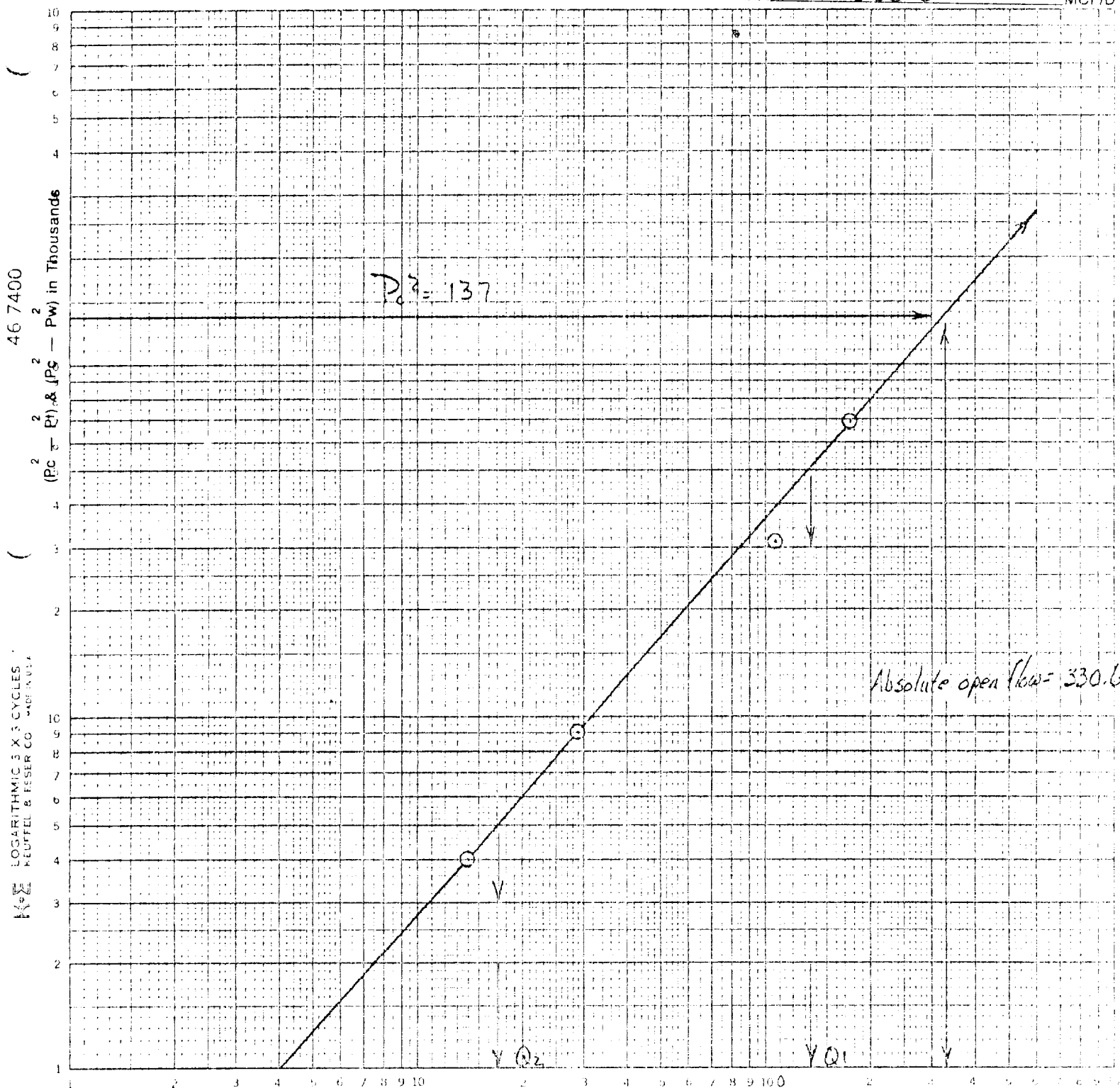


BACK PRESSURE CURVE

Operator Transwestern Gas Supply Lease Antelope Federal Well No. 1
 County Chaves Field Antelope Ridge Location 29 45 22E
 Date of Test 7-11-84 Slope "n" .900 Angle of Slope 48°

Calc. Abs. Potential 330.6 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{50}{5}$$

Q in MCF/Day

$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{50}{5}$$

$$Q_1 = \underline{136}$$

$$\text{LOG } Q_1 = \underline{2.1335}$$

$$\text{LOG } Q_2 = \underline{1.2330}$$

$$n = \underline{0.9005} = .900$$