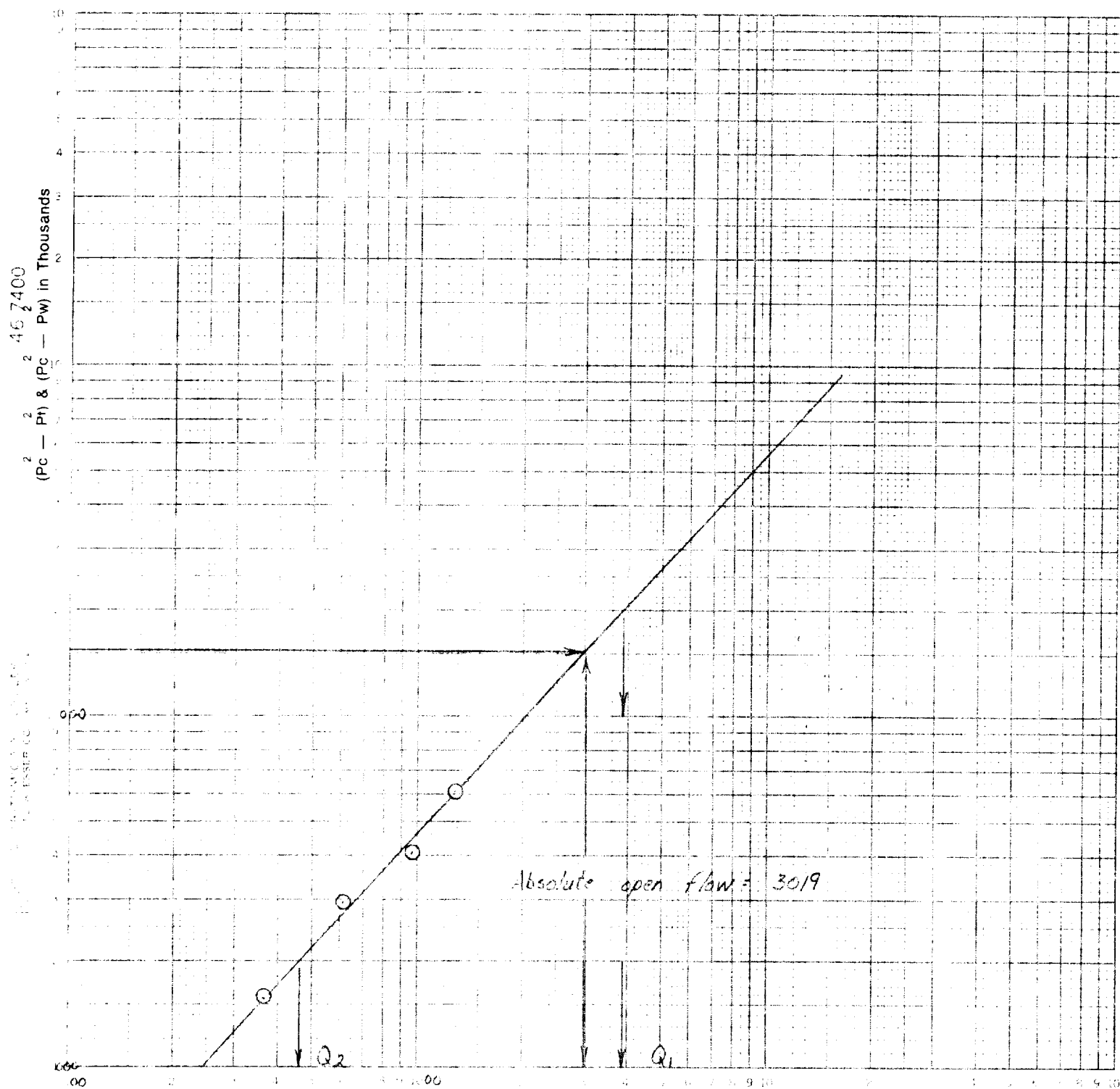


BACK PRESSURE CURVE

Operator Read and Sterns Lease Otis Federal 34 Well No. 1
 County Eddy Field Location 34 225 27E
 Date of Test 4-13-84 Slope "n" 0.926 Angle of Slope 47.2
 Calc. Abs. Potential 3019 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{20,000}{2,000}$$

$$Q_1 = \underline{3.596}$$

$$Q_2 = \underline{0.62}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.5906}$$

$$\text{LOG } Q_2 = \underline{0.6646}$$

$$n = \underline{0.926}$$