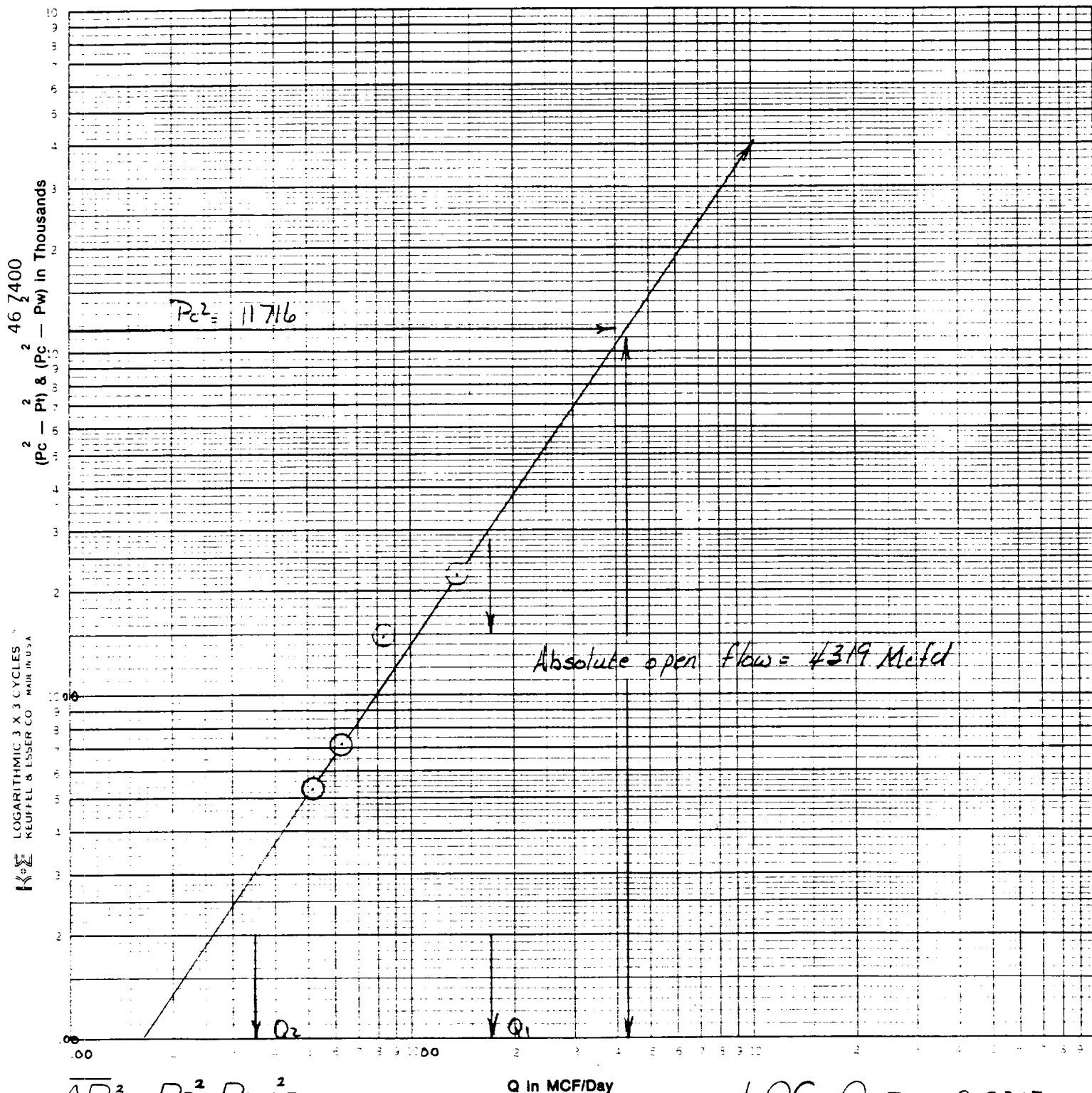


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Southland Royalty Co. Lease East Millman 13 Well No. Fed #1
 County Eddy Field Location 13 195 28E
 Date of Test 1-21-85 Slope "n" 0.690 Angle of Slope 55.4
 Calc. Abs. Potential 4319 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{3000}{300}$$

$$Q_1 = 1705$$

$$Q_2 = 348$$

$$\text{LOG } Q_1 = 3.2317$$

$$\text{LOG } Q_2 = 2.5417$$

$$n = 0.690$$