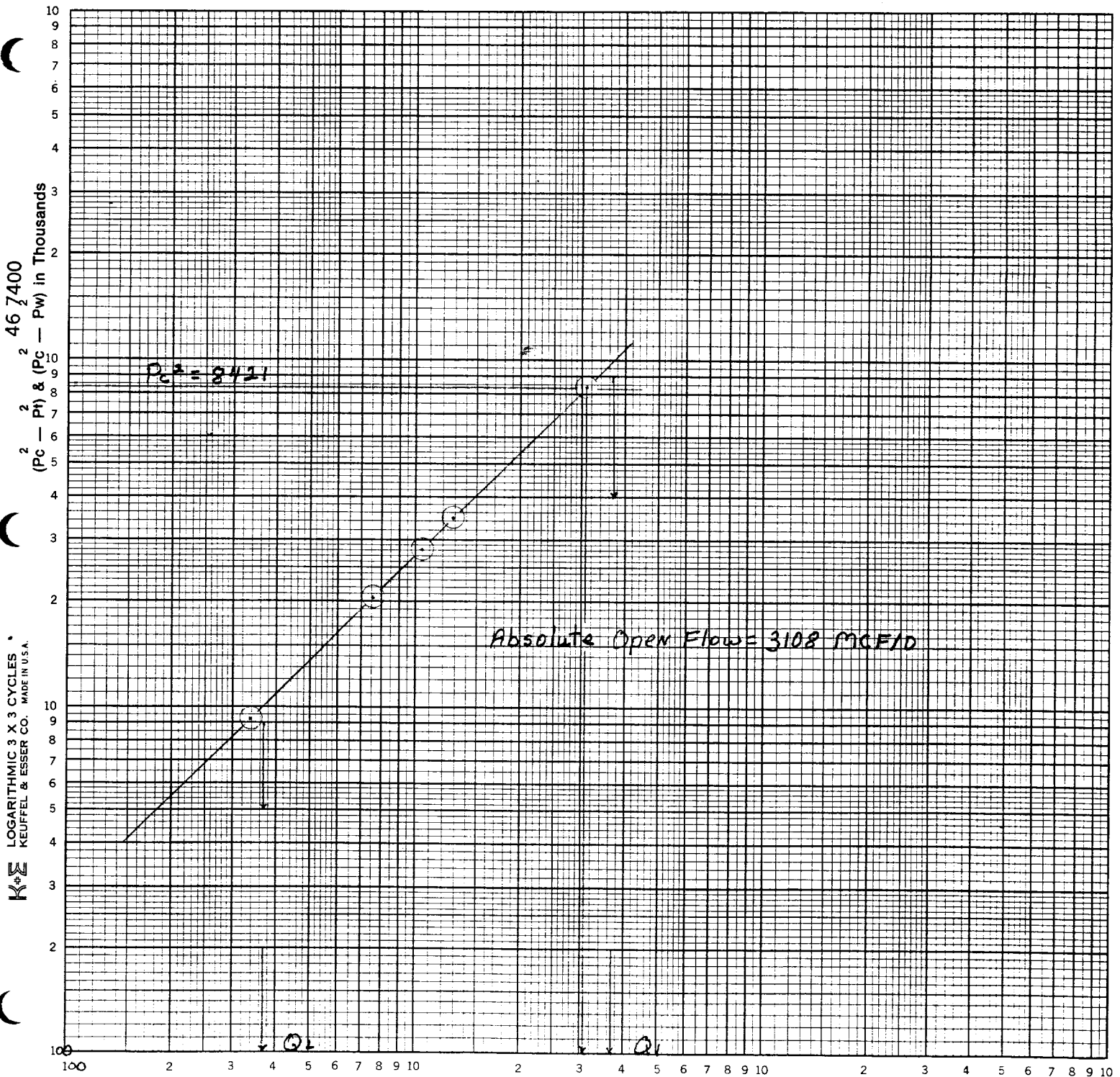


BACK PRESSURE CUP

Operator HNG Lease White City 14 Fed Well No. 1
 County Eddy Field White City Penn. Location 14-255-26E
 Date of Test 5-12-85 Slope "n" 1.00 Angle of Slope 45°

Calc. Abs. Potential 3108 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{10000}{1000}$$

$$Q_1 = 3700$$

$$Q_2 = 370'$$

Q in MCF/Day

$$\text{LOG } Q_1 = 3.5682$$

$$\text{LOG } Q_2 = 2.5682$$

$$n = 1.00$$