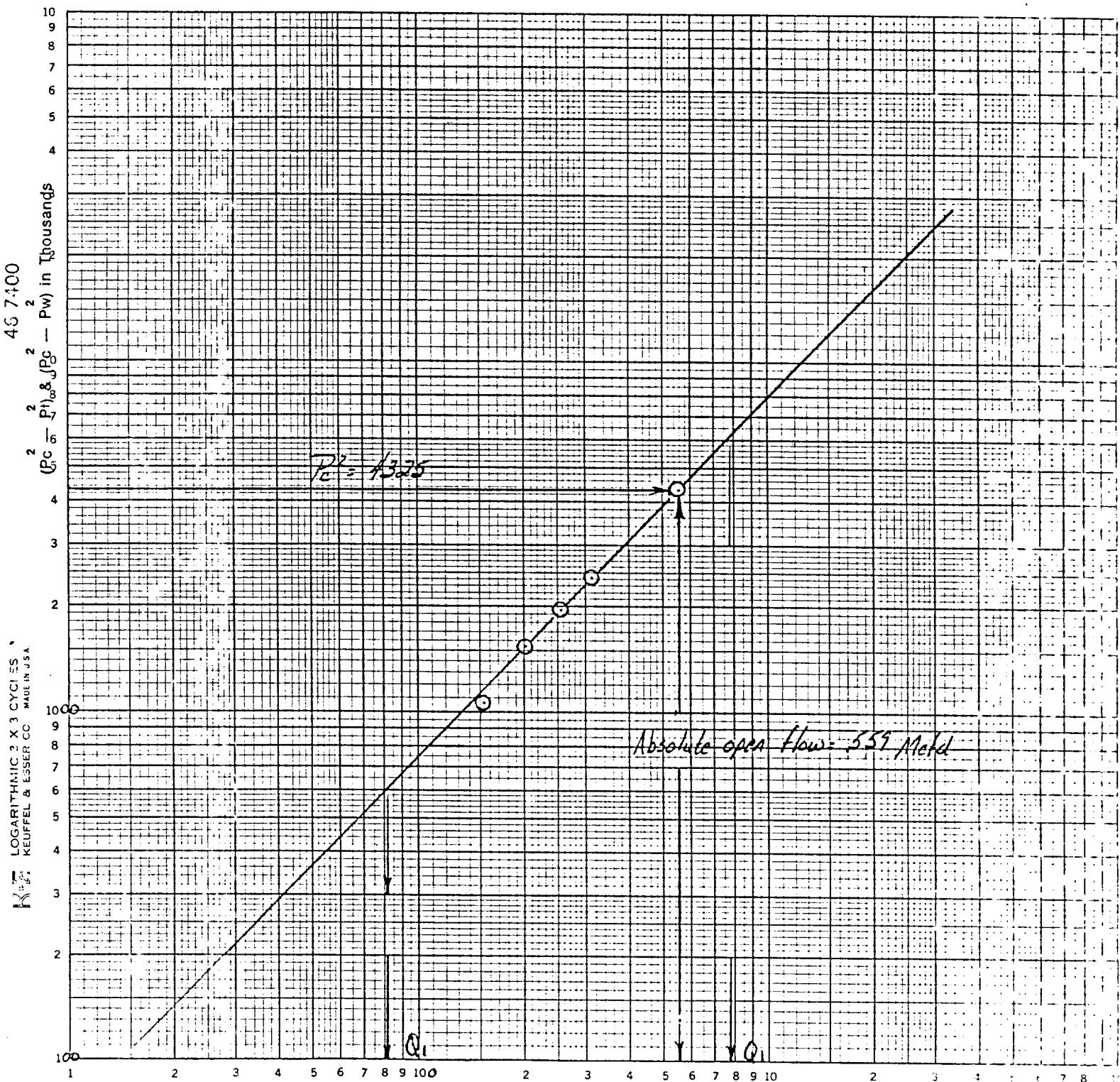


BACK PRESSURE CURVE

Operator Robert N. Entfield Lease Carson Federal Well No. 1
 County Chaves Field Wildcat Location 3 9 31
 Date of Test 11-7-85 Slope "n" 0.983 Angle of Slope 45.5
 Calc. Abs. Potential 546 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{6000}{600}$$

$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{6000}{600}$$

$$Q_1 = \underline{779}$$

$$Q_2 = \underline{81}$$

$$\text{LOG } Q_1 = \underline{2.8915}$$

$$\text{LOG } Q_2 = \underline{1.9085}$$

$$n = \underline{0.983}$$