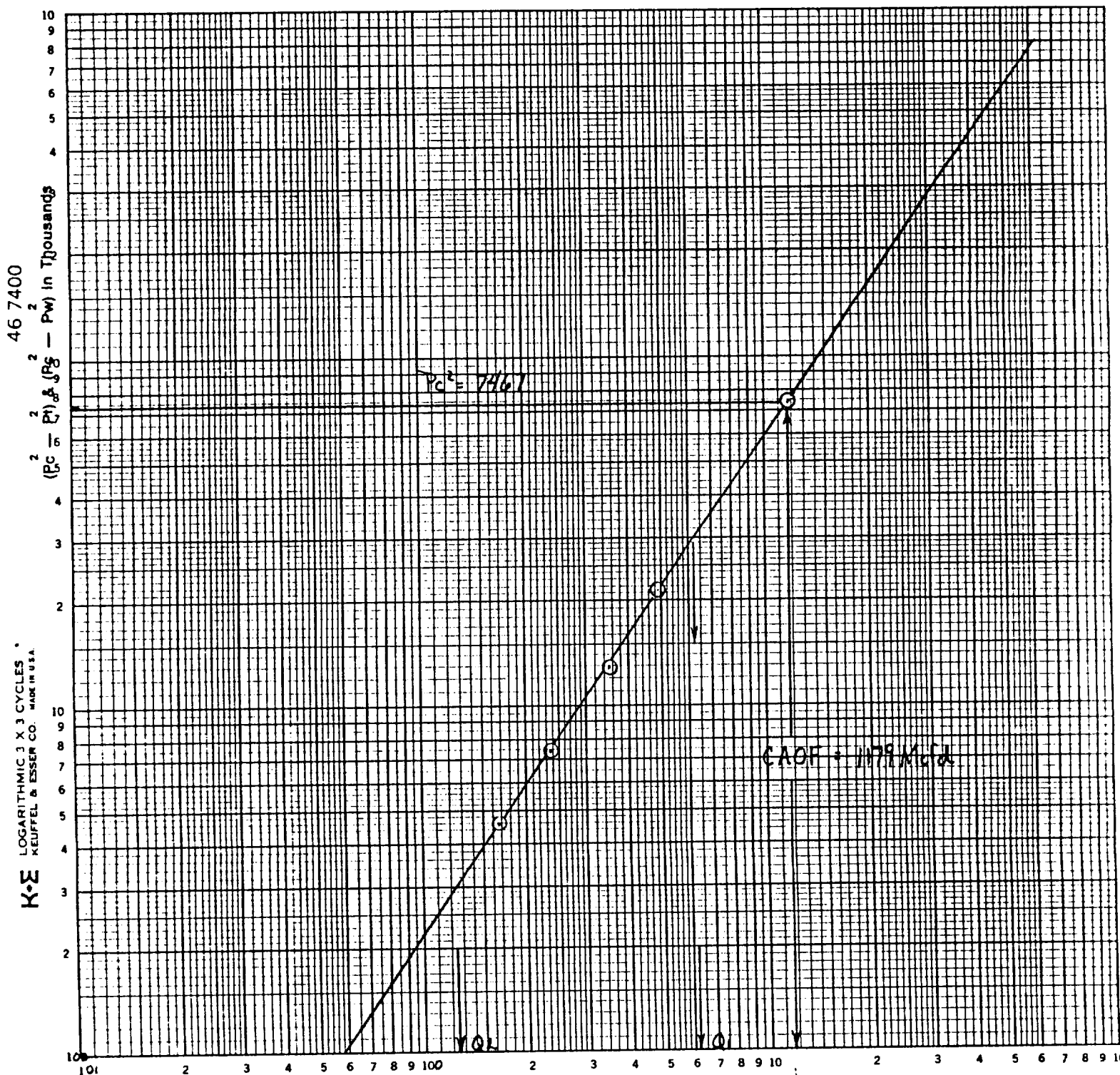


BACK PRESSURE CURVE

Operator Liberty Oil & Gas Lease Doris Federal Well No. 1County Eddy Field Burton Flats Location 6-2-86Date of Test 2-26-86 Slope "n" 0.699 Angle of Slope 55°Calc. Abs. Potential 1179 MCF/D

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

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

$$Q_1 = \underline{620}$$

$$Q_2 = \underline{124}$$

Q In MCF/Day

$$\text{LOG } Q_1 = \underline{2.7924}$$

$$\text{LOG } Q_2 = \underline{2.0934}$$

$$n = \underline{0.699}$$