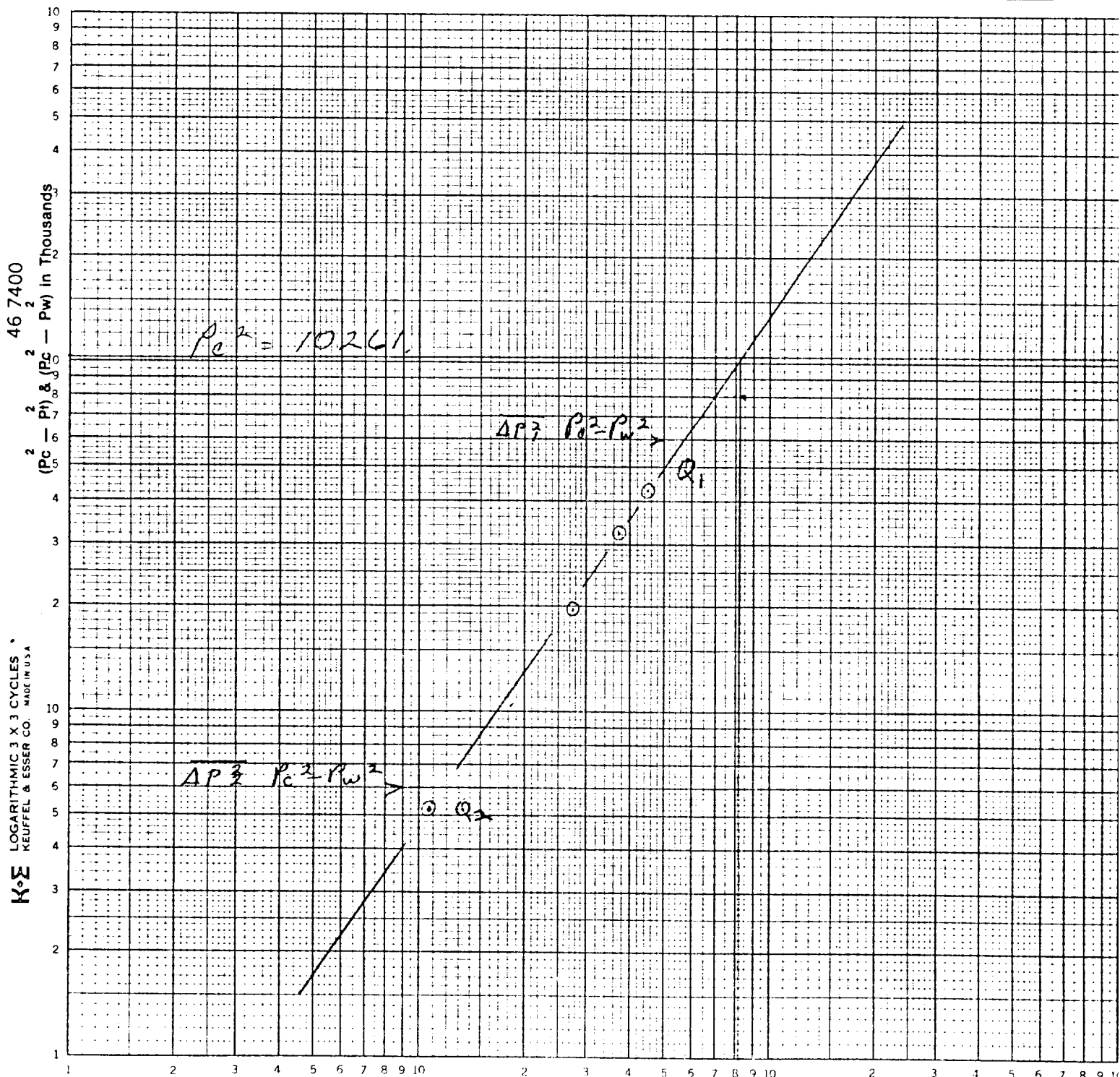


Operator Cities Service Lease Federal Well No. 1
 County Eddy Field W. ACCT Location _____
 Date of Test 8-19-85 Slope "n" .680 Angle of Slope 55.8
 Calc. Abs. Potential 2224 MCF/D



$$\frac{\Delta P^2}{\Delta P^2} \quad P_c^2 - P_w^2 = \underline{6000}$$

$$\frac{\Delta P^2}{\Delta P^2} \quad P_c^2 - P_w^2 = \underline{600}$$

$$Q_1 = \underline{5623}$$

$$Q_2 = \underline{1175}$$

Q In MCF/Day

$$\text{LOG } Q_1 = \underline{3.750}$$

$$\text{LOG } Q_2 = \underline{3.070}$$

$$n = \underline{.680}$$