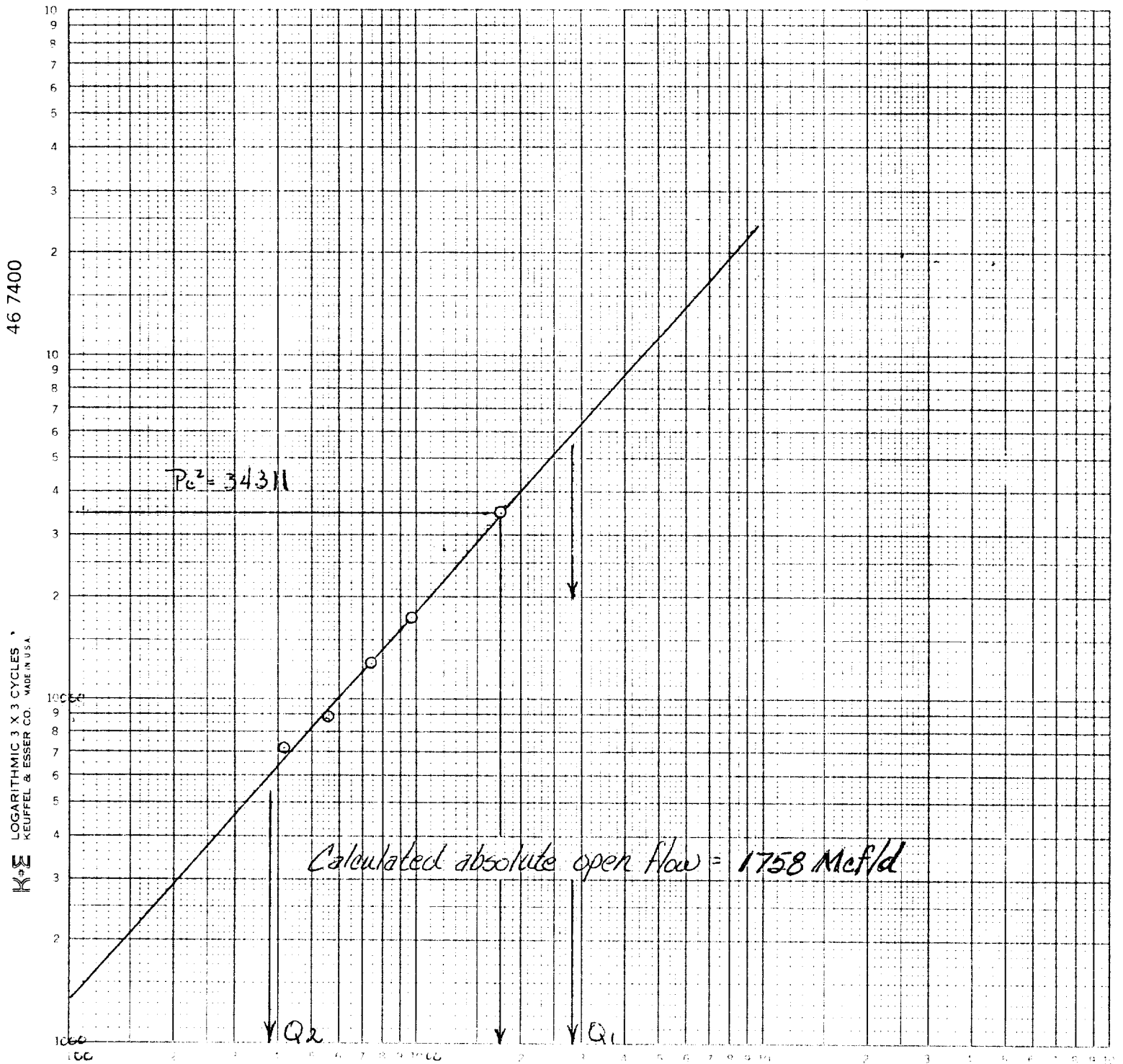


Santa Fe Energy
 Sterling Silver ~~33~~ Fed. 2
 G Sec 33 Twp 23S Rge 31E
 Eddy County
 4-20-87



$$\frac{\Delta P_1}{\Delta P_2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{60000}{6000}$$

Q_1 , Mcf/d

$$\log Q_1 = 3.4497$$

$$\log Q_2 = 2.5797$$

$$Q_1 = 2817$$

$$Q_2 = 380$$

$$n = 0.870$$