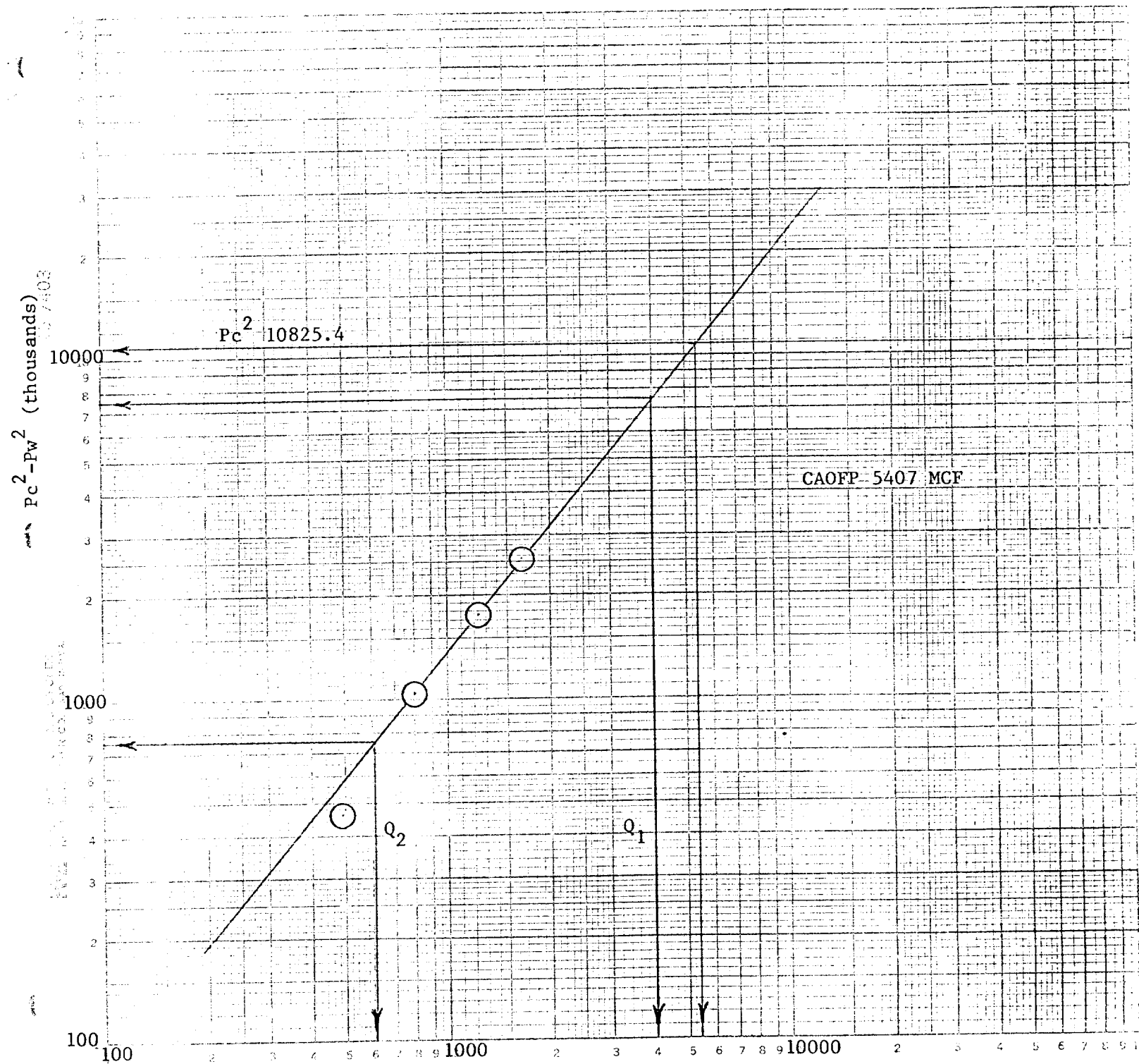


ARCO Oil & Gas Company
 Langley Griffin Com. #1
 Ellenburger Zone
 Section 28, T-22-S, R-36-E
 Lea County, New Mexico
 7-29-80



$$Q_1 = 4000$$

$$Q_2 = 610$$

$$Q - \text{MCFD}$$

$$\text{Log } 4000 = 3.6020600$$

$$\text{Log } 610 = 2.7853298$$

$$n = \frac{3.6020600 - 2.7853298}{0.8167302} = 0.817$$