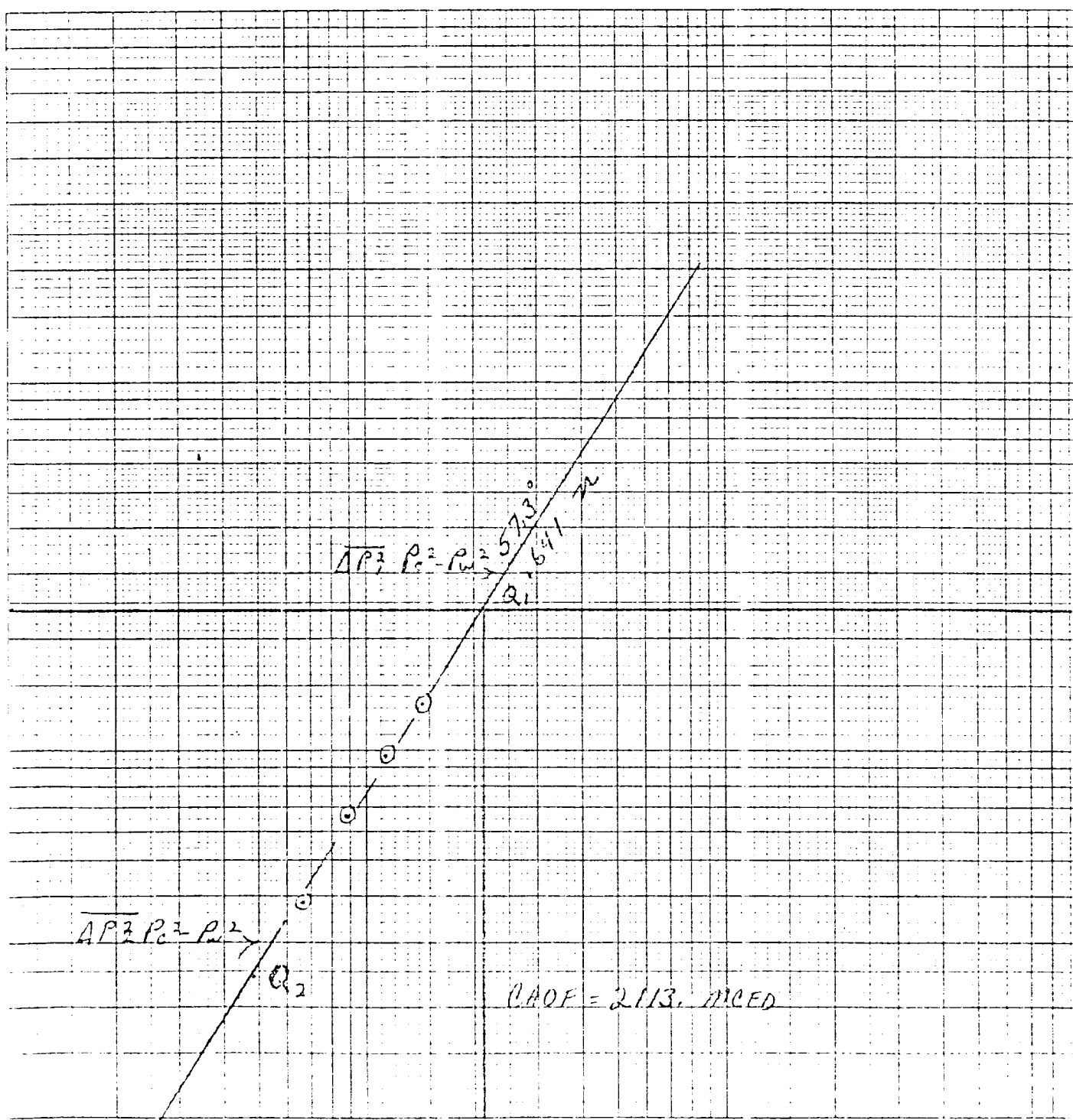


BENNETT & CATHEY PRODUCTION TESTING
BACK PRESSURE CURVE

Operator Santa Fe Energy Lease Buckhorn Fed Perm Well No. 1
 County Eddy Field Wagon Wheel Location N 12 24S 28E
 Date of Test 1-6-85 Slope "n" .641 Angle of Slope 57.3
 Calc. Abs. Potential 2113. MCF/D

$(P_c - P_i) & (P_c - P_w)$ in Thousands



$$\frac{P_c^2 - P_w^2}{P_i^2 - P_w^2} = \frac{30000}{3000}$$

$$Q_1 = \underline{2704.}$$

$$Q_2 = \underline{550.}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.351}$$

$$\text{LOG } Q_2 = \underline{2.740}$$

$$n = \underline{.641}$$