

THE ATLANTIC REFINING COMPANY

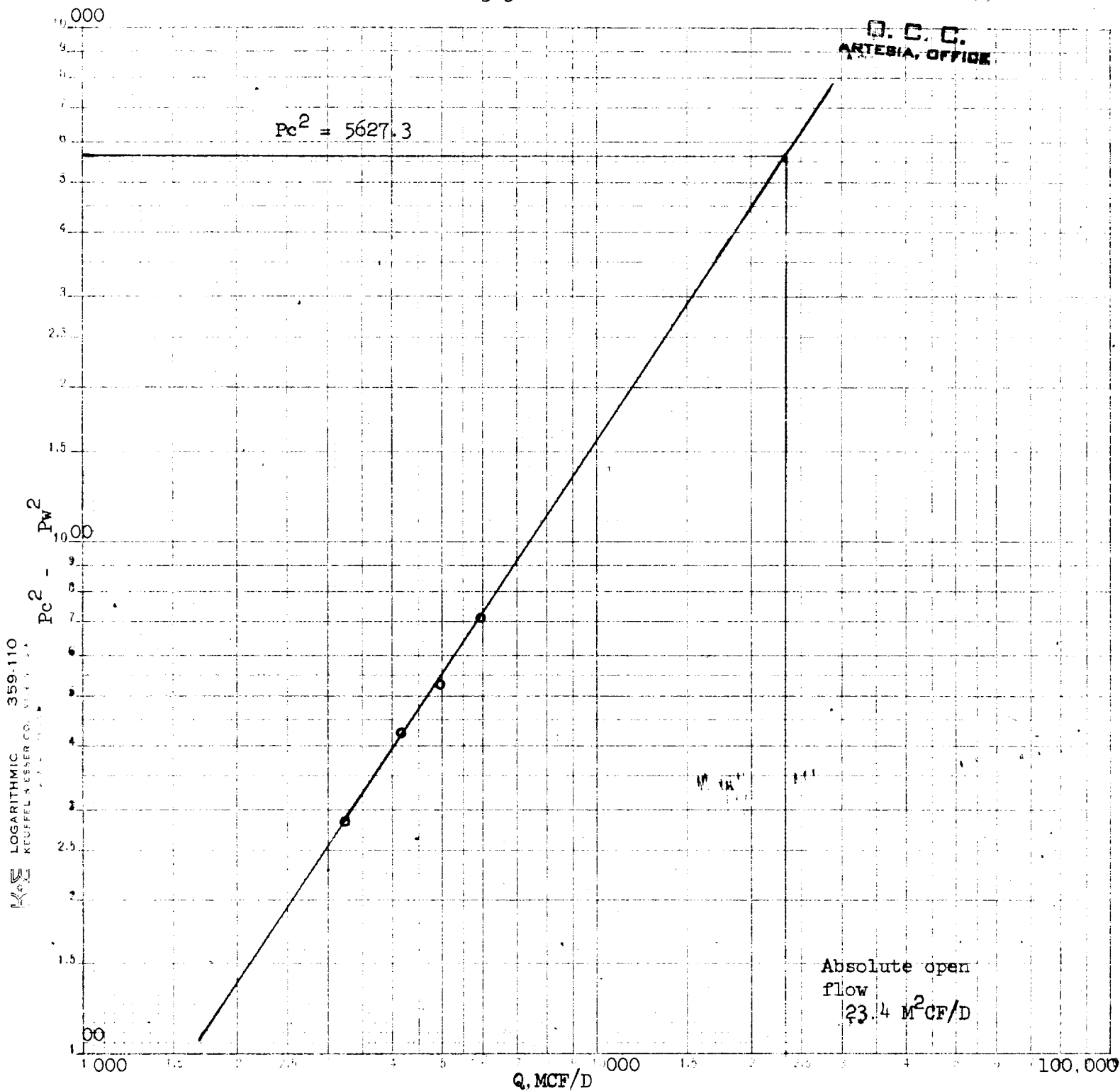
SMITH FEDERAL NO. 1

G, 1-22S-23E
Eddy County, New Mexico
3-30-66

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APR 25 1966

D. C. C.
ARTESIA, OFFICE



$$Q_1 (@ P_c^2 - P_w^2 = 7000) = 26.9 \text{ M}^2\text{CF/D}$$

$$Q_2 (@ P_c^2 - P_w^2 = 700) = 5.9 \text{ M}^2\text{CF/D}$$

$$\log Q_1 = 4.4298$$

$$\log Q_2 = 3.7709$$

$$N = .6589$$

$$N = .659$$