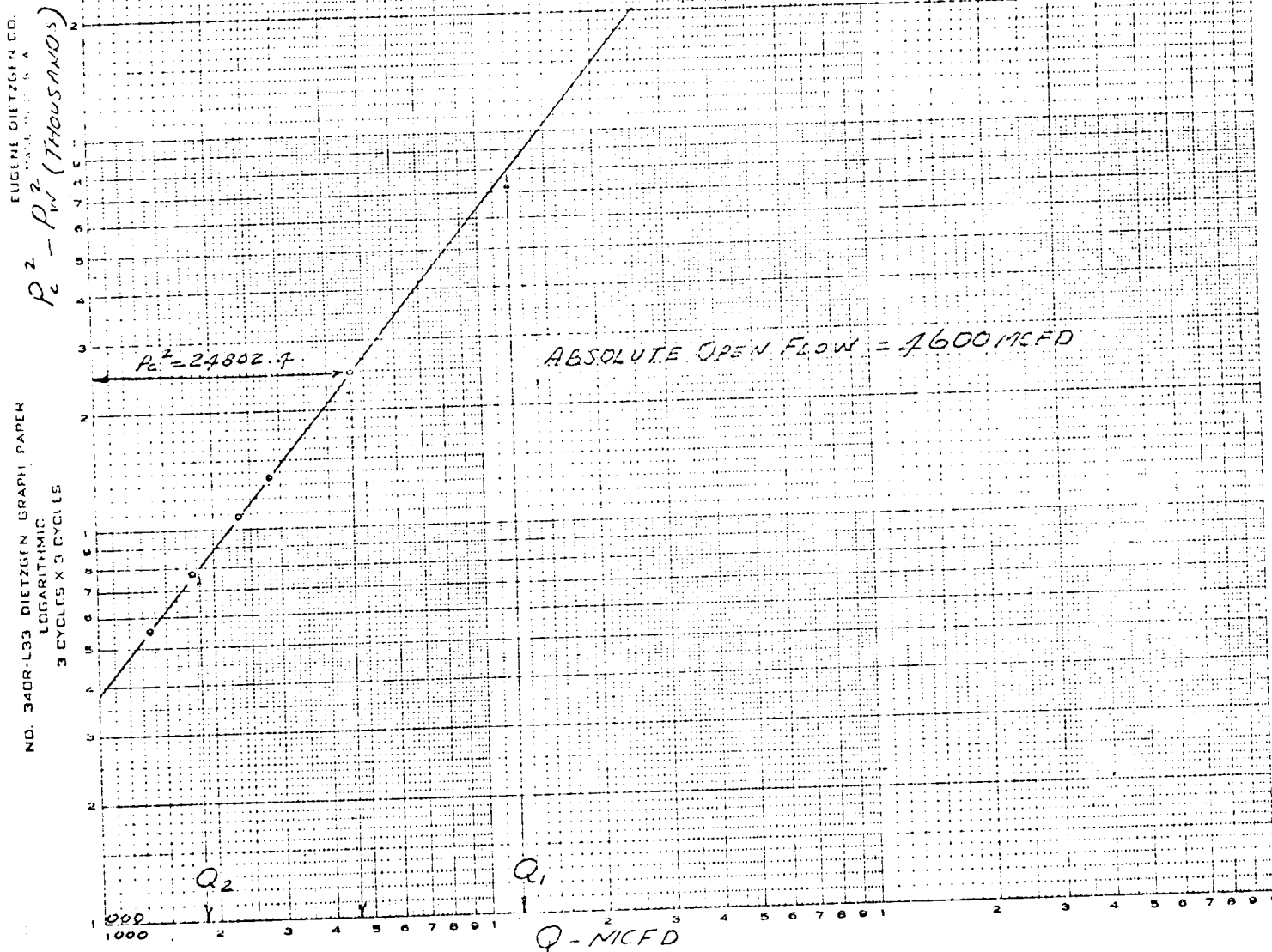


COMPANY L. L. BROWN
 WELL YATES FEDERAL, No. 1
 LOCATION UNIT J, Sec. 30 19S 30 E
 COUNTY EDDY, NEW MEXICO
 DATE OCTOBER 16, 1970

RECEIVED
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 U. S. GEOLOGICAL SURVEY
 ALBUQUERQUE, NEW MEXICO



$$Q_1 = 12000 \text{ MCFD}; \log Q_1 = 4.07918$$

$$Q_2 = 1830 \text{ MCFD}; \log Q_2 = 3.26245$$

$$n = 0.81673 = 0.817$$