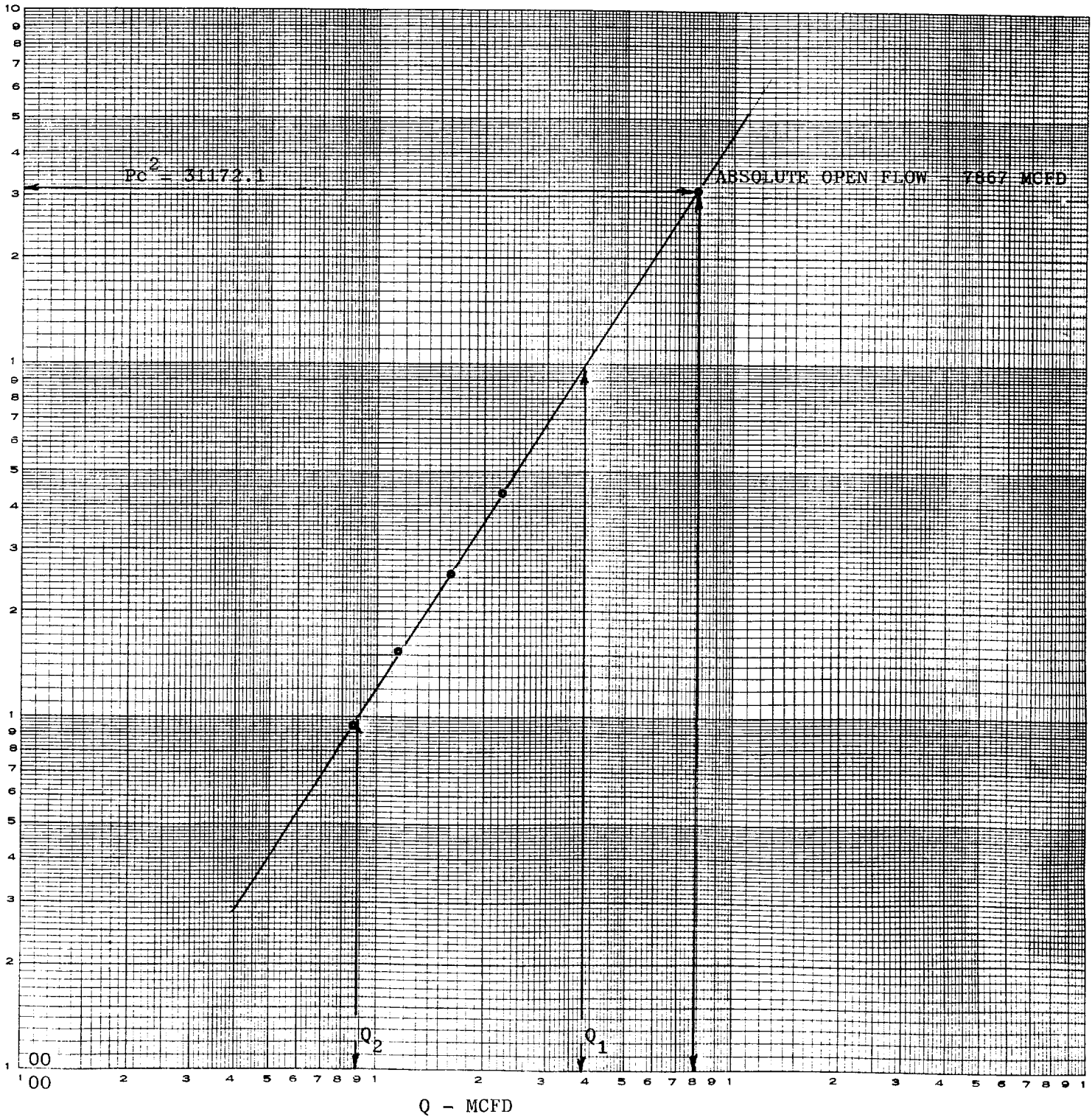


COMPANY: HNG Oil Company
 WELL: Pardue 30 Com, No. 1
 LOCATION: E 30 23s 28e
 COUNTY: Eddy
 DATE: January 19, 1983

DIETZGEN CORPORATION
 MADE IN U.S.A.

NO. 340-L33 DIETZGEN GRAPH PAPER
 LOGARITHMIC
 3 CYCLES X 3 CYCLES

$P_c^2 - P_w^2$ (Thousands)



$$Q_1 = 3800 \text{ MCFD}; \quad \text{Log } Q_1 = 3.57978$$

$$Q_2 = 880 \text{ MCFD}; \quad \text{Log } Q_2 = 2.94448$$

$$N = \frac{0.63530}{0.635} = 0.635$$