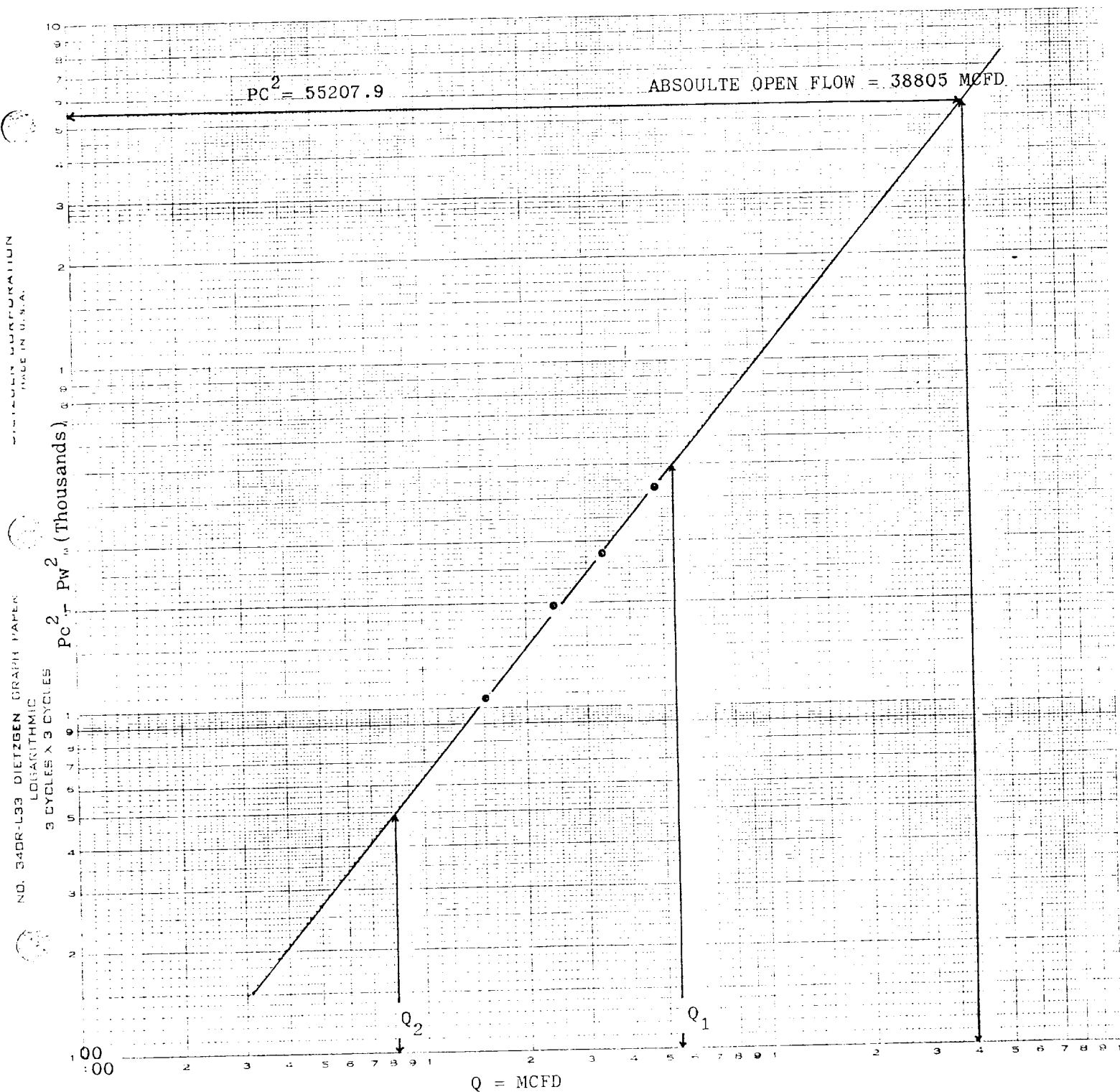


COMPANY: HNG Oil Company  
 WELL: Dillon 31, No. 1  
 LOCATION: I 31 24s 34e  
 COUNTY: Lea  
 DATE: January 7, 1985



$$Q_1 = 5400 \text{ MCFD}; \text{Log } Q_1 = 3.73239$$

$$Q_2 = 820 \text{ MCFD}; \text{Log } Q_2 = 2.91381$$

$$n = \frac{3.73239 - 2.91381}{3.73239 - 2.91381} = 0.81858 = 0.819$$