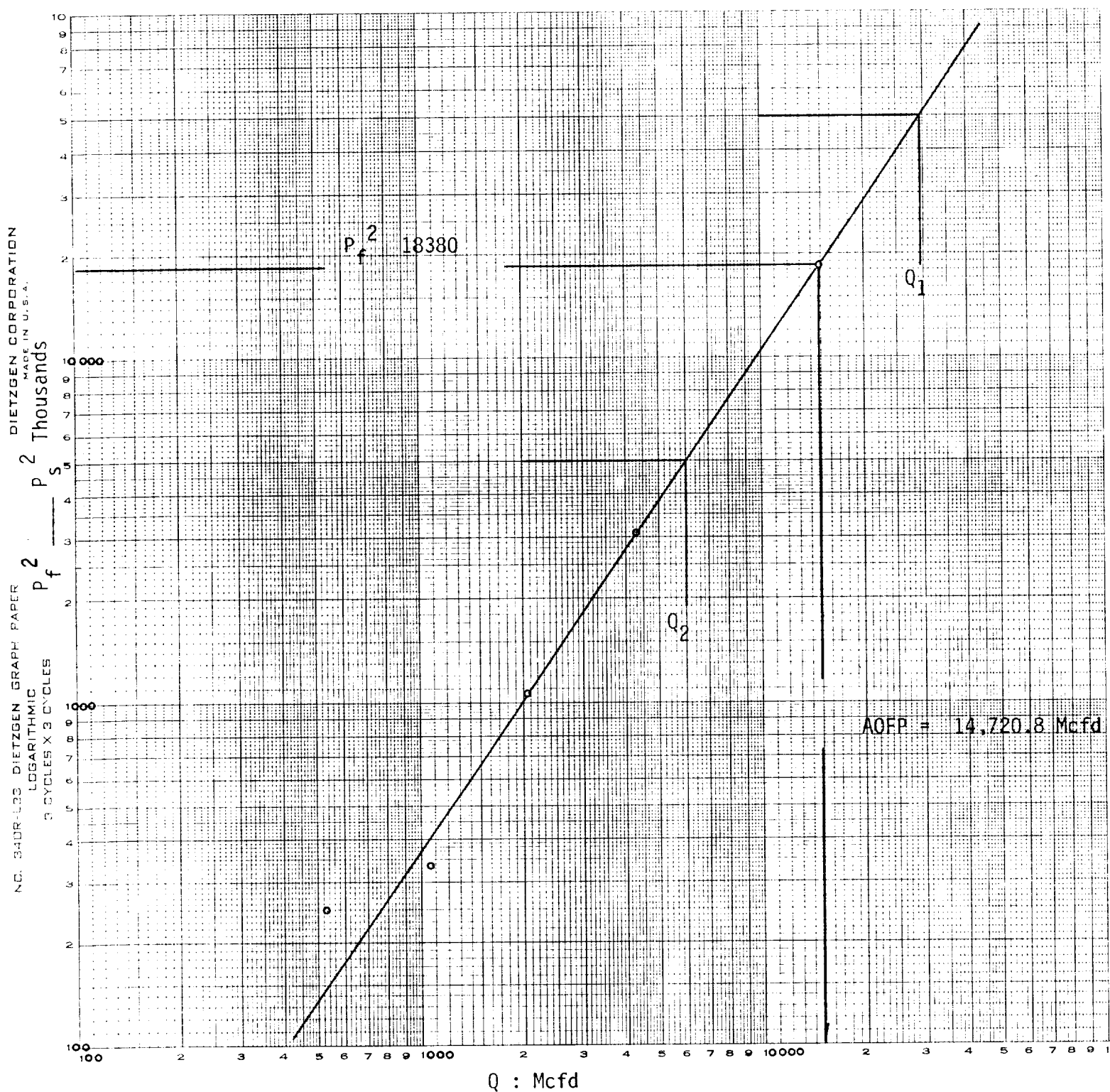


Company : Harvey L. Yates Company, Inc.
 Well : Empire So. Deen Unit No. 18
 Field : Undesignated Empire Morrow
 County : Eddy
 State : New Mexico
 Date : June 22, 1978



$$\begin{aligned}
 Q_1 &= 29,500; \text{Log } Q_1 = 4.469822 \\
 Q_2 &= 6,000; \text{Log } Q_2 = 3.778151 \\
 n &= 0.691671 \\
 \theta &= 55^\circ 20'
 \end{aligned}$$