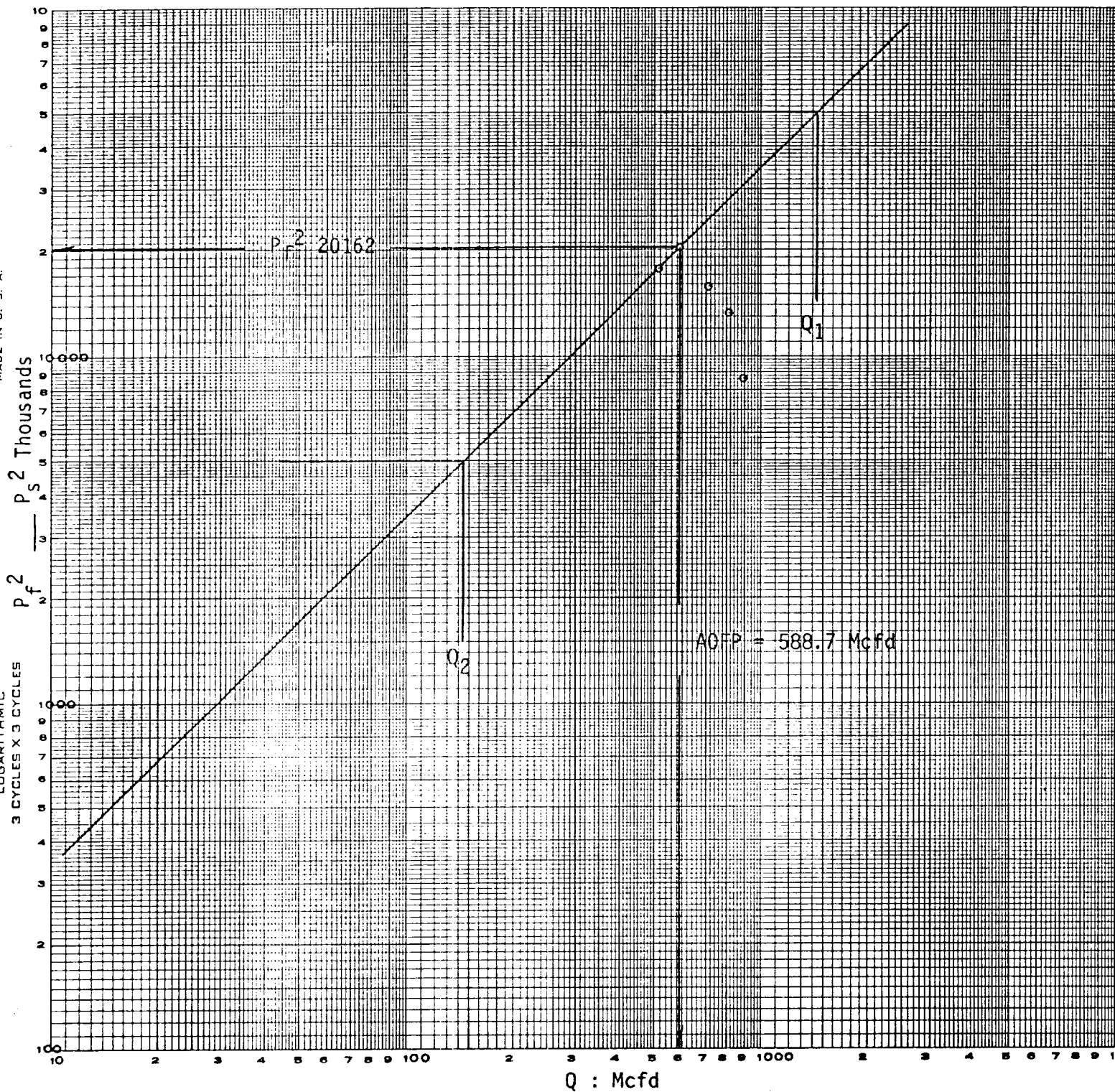


Company : Harvey E. Bates Co., Inc.
 Well : Pennzoil Feder . 1
 Field : Wildcat Well
 County : Eddy
 State : New Mexico
 Date : May 6, 1976

EUGENE DIETZGEN CO.
 MADE IN U. S. A.

ND. 340R-L33 DIETZGEN GRAPH PAPER
 LOGARITHMIC
 3 CYCLES X 3 CYCLES



$Q_1 = 1450$; $\text{Log } Q_1 = 3.161368$
 $Q_2 = 145$; $\text{Log } Q_2 = 2.161368$
 $n = 1.000000$
 $\theta = 45^\circ$