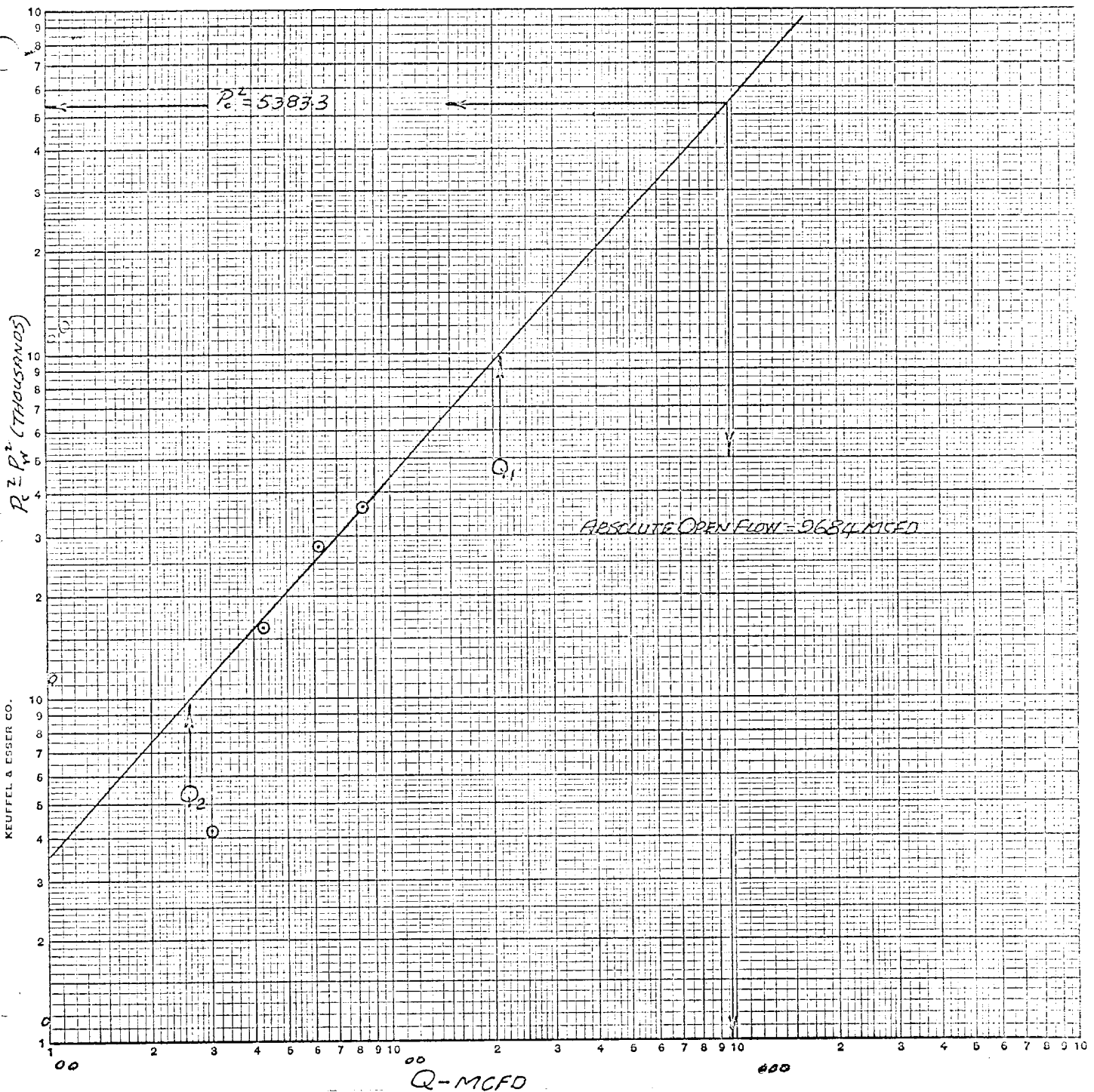


COMPANY YATES PETROLEUM CORPORATION
 WELL FEDERAL CX NO. 1
 LOCATION H, 7-18-25
 COUNTY EDDY
 DATE 2-4-75

LOG LOGARITHMIC 46 7400
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.



$Q_1 = 2100 \text{ MCFD}; \log Q_1 = 7.3222193$
 $Q_2 = 260 \text{ MCFD}; \log Q_2 = 6.4149733$
 $n = 0.9072460 = 0.907$