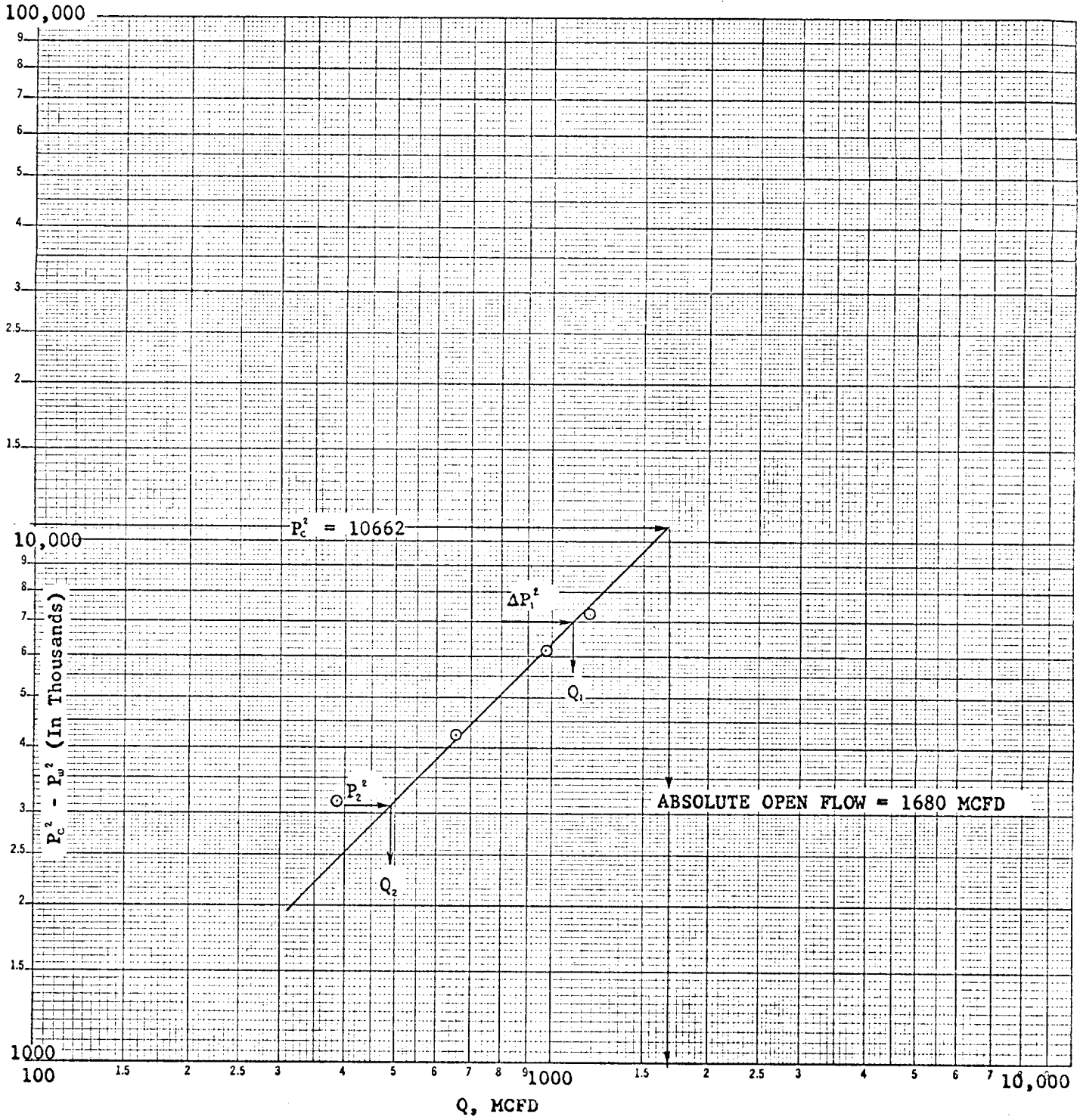


The Superior Oil Company
STEPHENS No.1

SOUTH CARLSBAD (MORROW) FIELD
Sec.7, T-23-S, R-27-E
Eddy County, New Mexico

KEE LOGARITHMIC 46 7200
2 X 2 CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.



$Q_1 = 1100$ Mcfd
 $Q_2 = 490$ Mcfd
 $\Delta P_1^2 = 7000$
 $\Delta P_2^2 = 3100$

$$n = \frac{\log Q_1 / Q_2}{\log \Delta P_1^2 / \Delta P_2^2} = \frac{\log 2.245}{\log 2.256} = 1.00$$