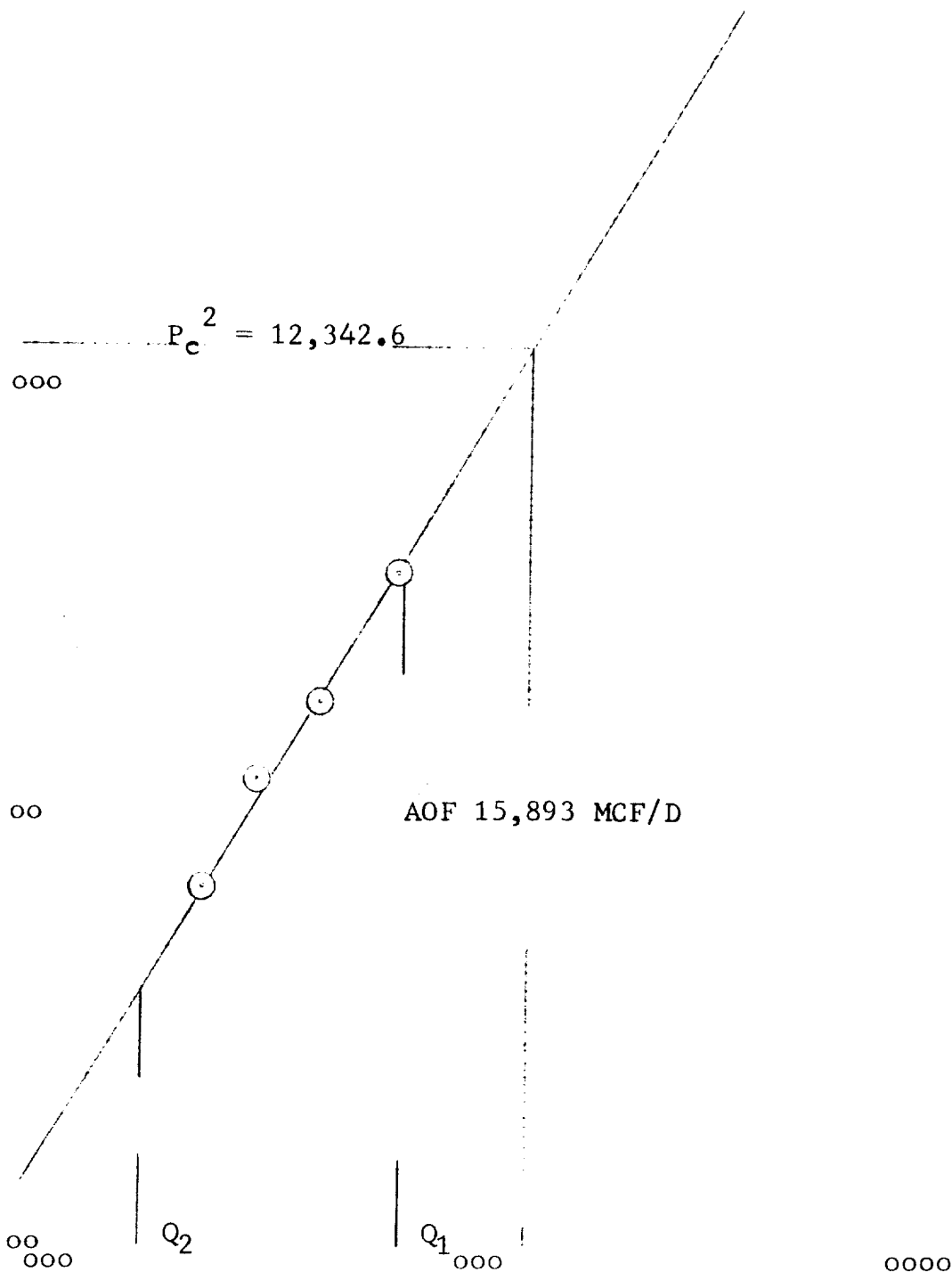


COMPANY : GULF OIL EXPL. & PROD.
 LEASE : MARQUARDT FED. #3
 LOCATION : SEC. 12, TWP. 25s, RGE. 26e
 COUNTY : EDDY
 DATE : 3/21/83
 AOF : 15,893 MCF/D



$$\begin{aligned}
 Q_1 \text{ LOG } 8000 &= 3.903090 \\
 -Q_2 \text{ LOG } 2000 &= 3.301030 \\
 \hline
 n &= .602 \\
 \theta &= 59^0
 \end{aligned}$$