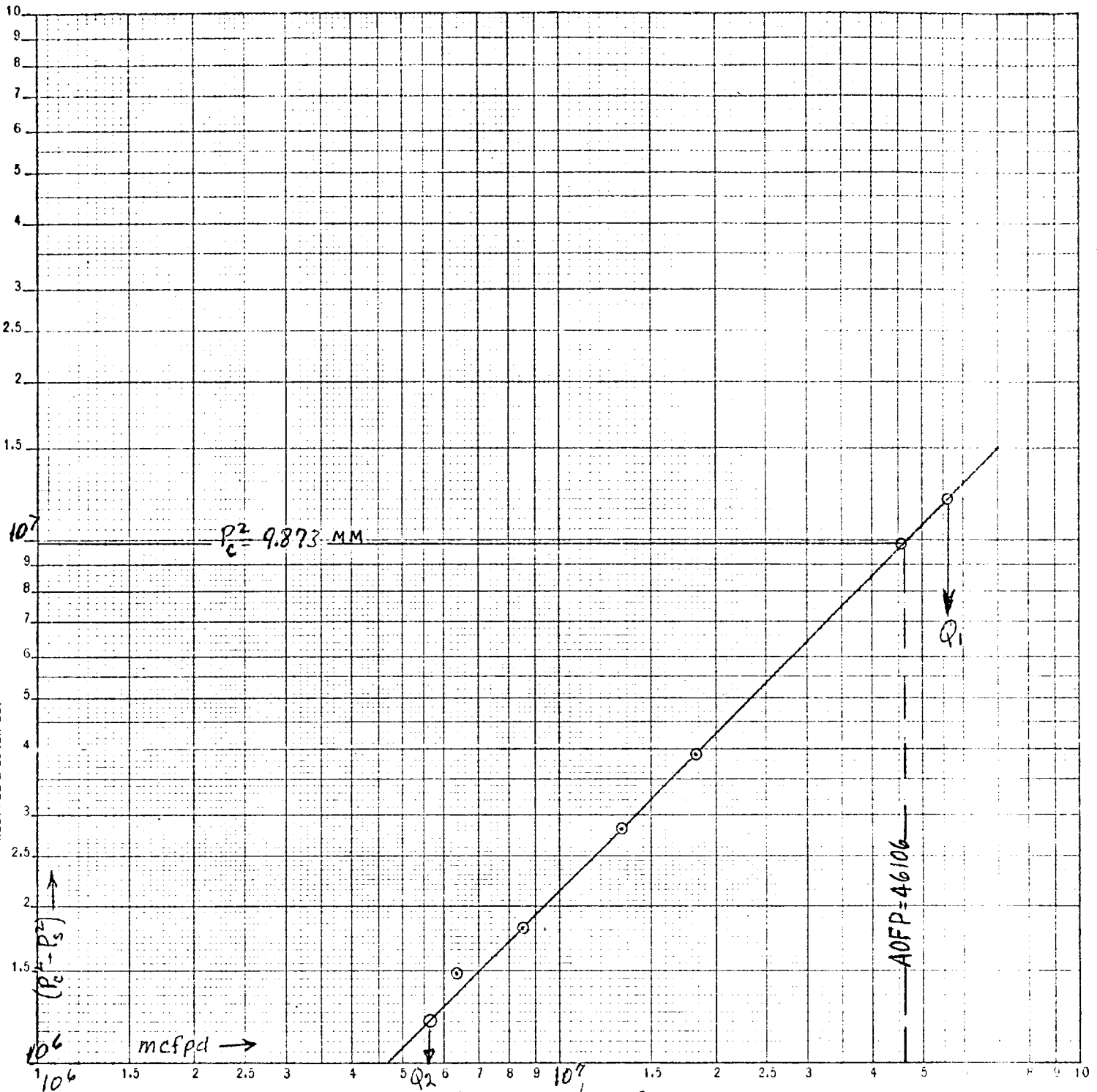


Yates Petroleum Corporation
 ARCO "EC" State No. 1
 660' FNL & 2310' FEL of
 Section 36-T17S-R25E
 Eddy County, New Mexico

K&E LOGARITHMIC 46 7203
 2 X 2 CYCLES
 KEUFFEL & ESSER CO.



$$Q_1 = 56100 mcfpd$$

$$Q_2 = 5610 mcfpd$$

$$\log Q_1 = 7.748$$

$$\log Q_2 = 6.748$$

$$n = 1.000$$