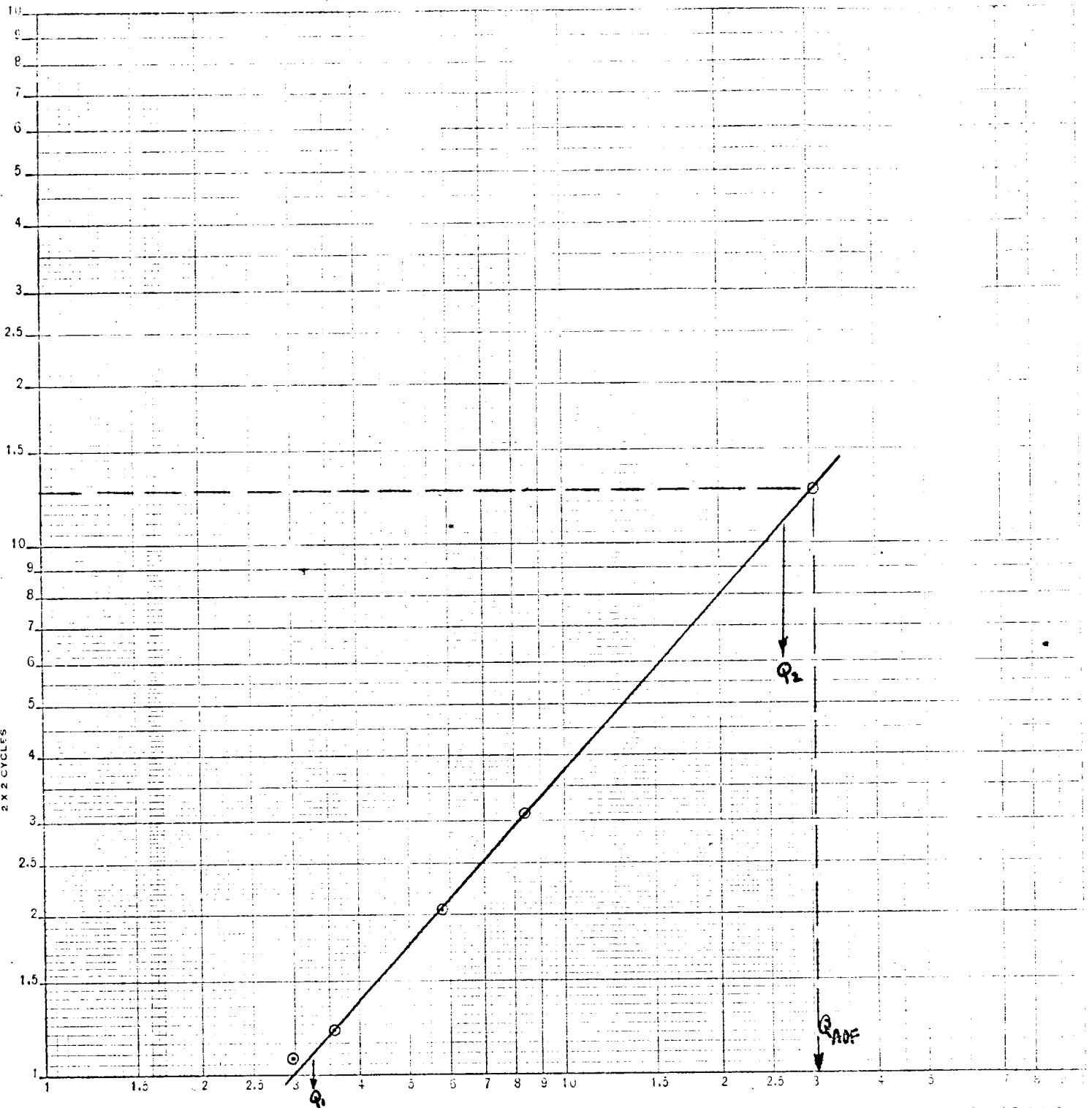


Yates Petroleum Corporation
 Armstrong "CT" No. 1
 L - 5-18S-26E
 Eddy County, New Mexico
 11-21-73

K&E LOGARITHMIC 359-110
 KEUFFEL & ESSER CO. MADE IN U.S.A.
 2 X 2 CYCLES



$$Q_2 = 2685 \text{ mcfpd} \quad \log Q_2 = 3.42894$$

$$Q_1 = 324 \text{ mcfpd} \quad \log Q_1 = 2.51055$$

$$n = 0.91839$$