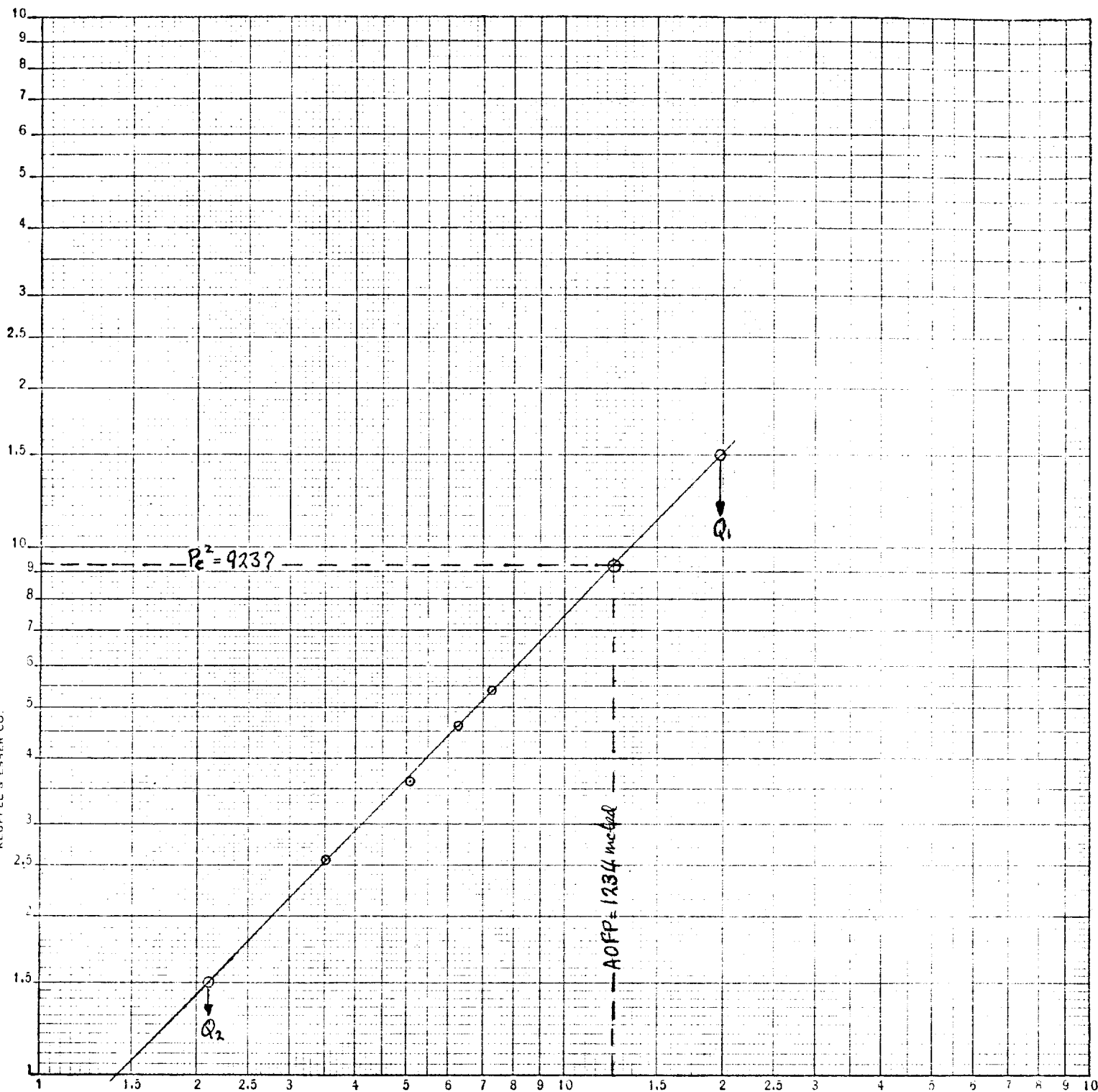


Yates Petroleum Corporation
Patterson EL #1
Unit M Section 31-17S-26E
Eddy County, New Mexico

LOGARITHMIC
46 7203
KEUFFEL & ESSER CO.



$$Q_1 = 1990 \text{ mcfpd}; \log Q_1 = 3.29885$$

$$Q_2 = 210 \text{ mcfpd}; \log Q_2 = 2.32222$$

$$n = 0.97663$$