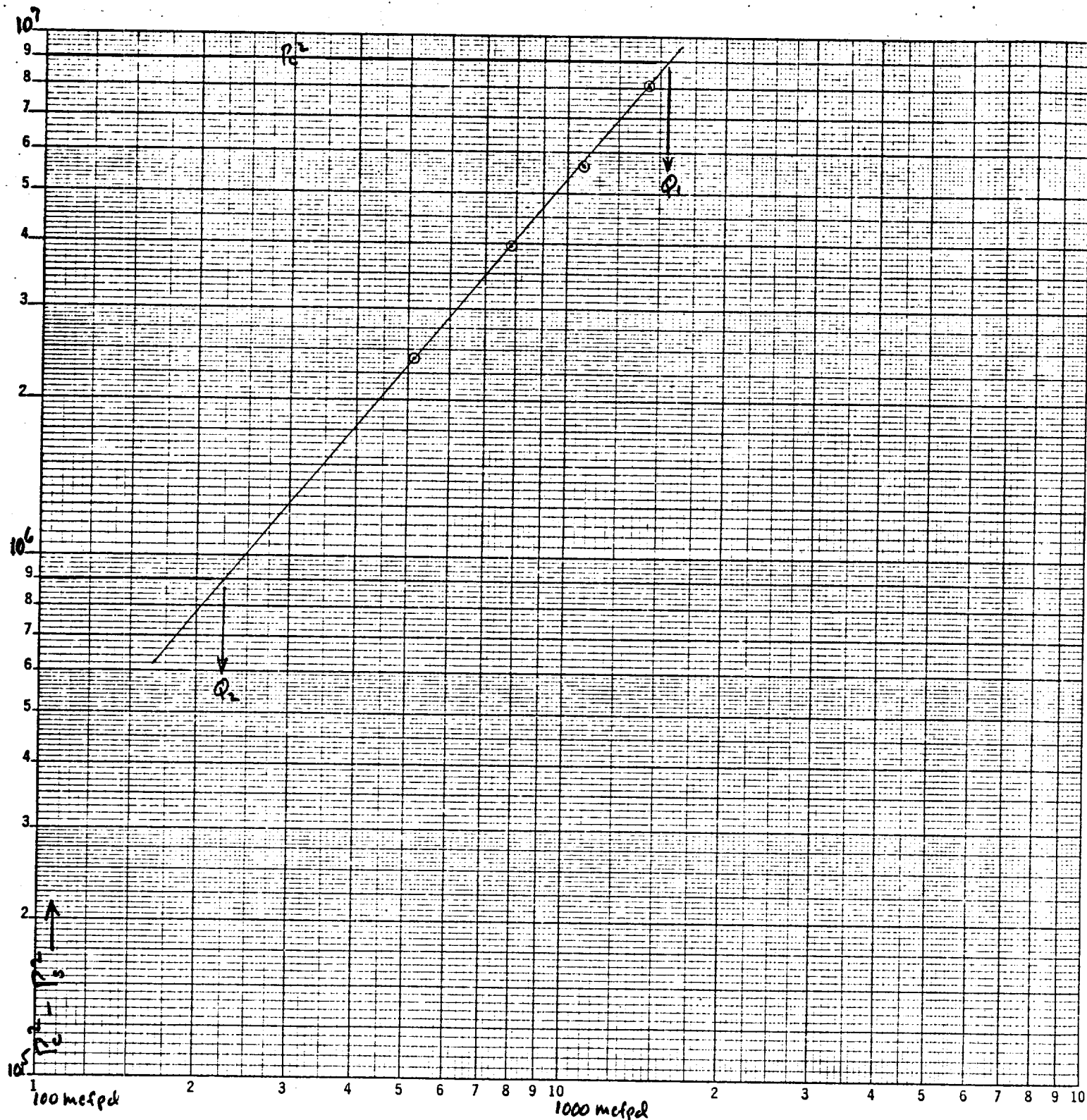


Yates Petroleum Corporation
Johnston BE Federal No. 1
Unit A, Sec. 8-19S-25E, Eddy County

September 14, 1972



$$Q_1 = 1550 \text{ mcfpd}$$

$$Q_2 = 225 \text{ mcfpd}$$

$$\log Q_1 = 3.1903$$

$$\log Q_2 = 2.3522$$

$$n = 0.8381$$

$$AOF = 1550 \text{ mcfpd}$$