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O. C. D.

ARTESIA, OFFICE

ARCO OIL & GAS COMPANY

Mann Federal No. 1

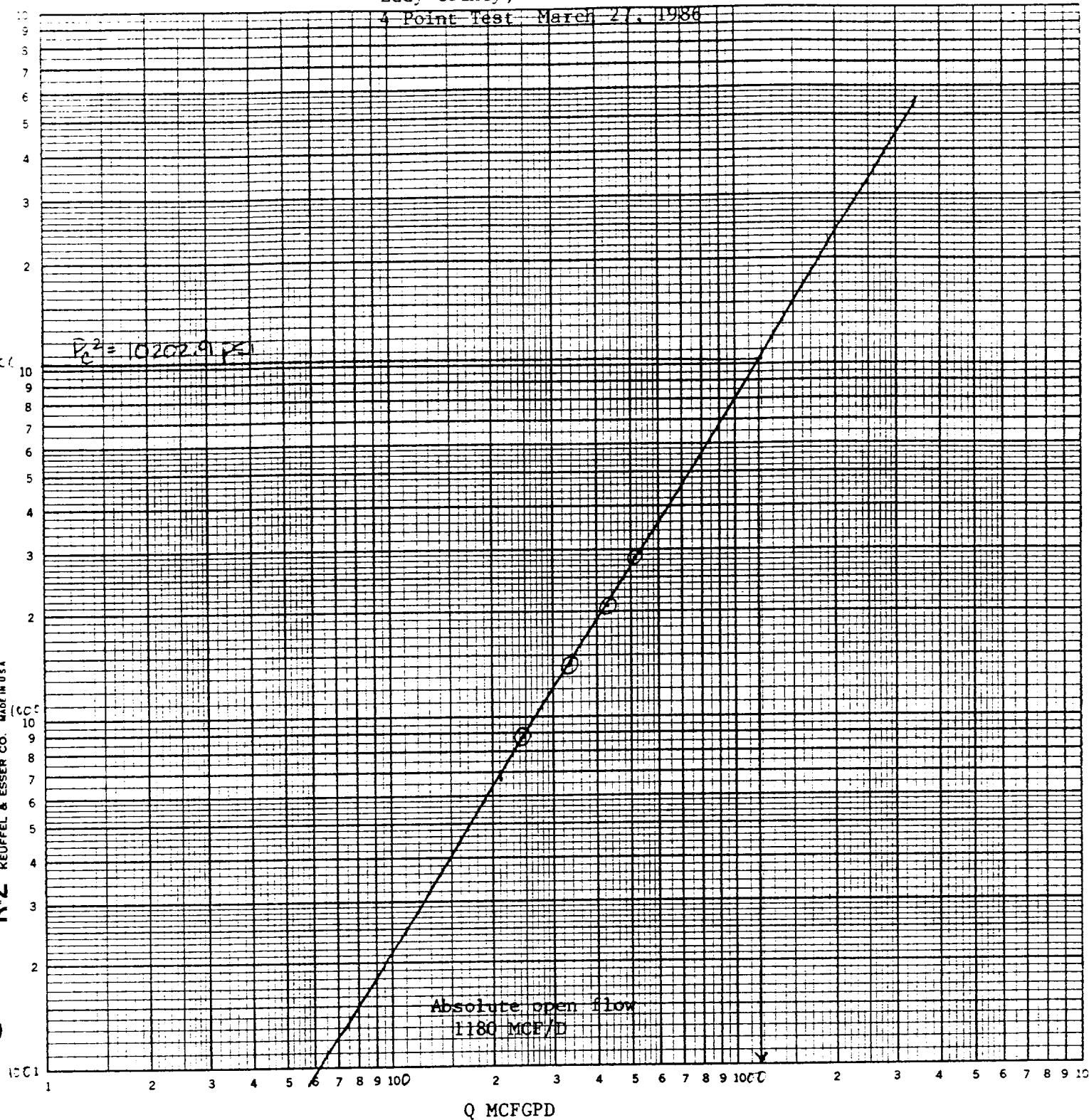
Unit F Sec. 9 - T18S - R27E

Eddy County, New Mexico

4 Point Test March 27, 1986

46 7403

LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN USA



$$Q_2 = 925 \quad \log Q_2 = 2.9661$$

$$Q_1 = 212 \quad \log Q_1 = 2.3263$$

$$n = 640$$