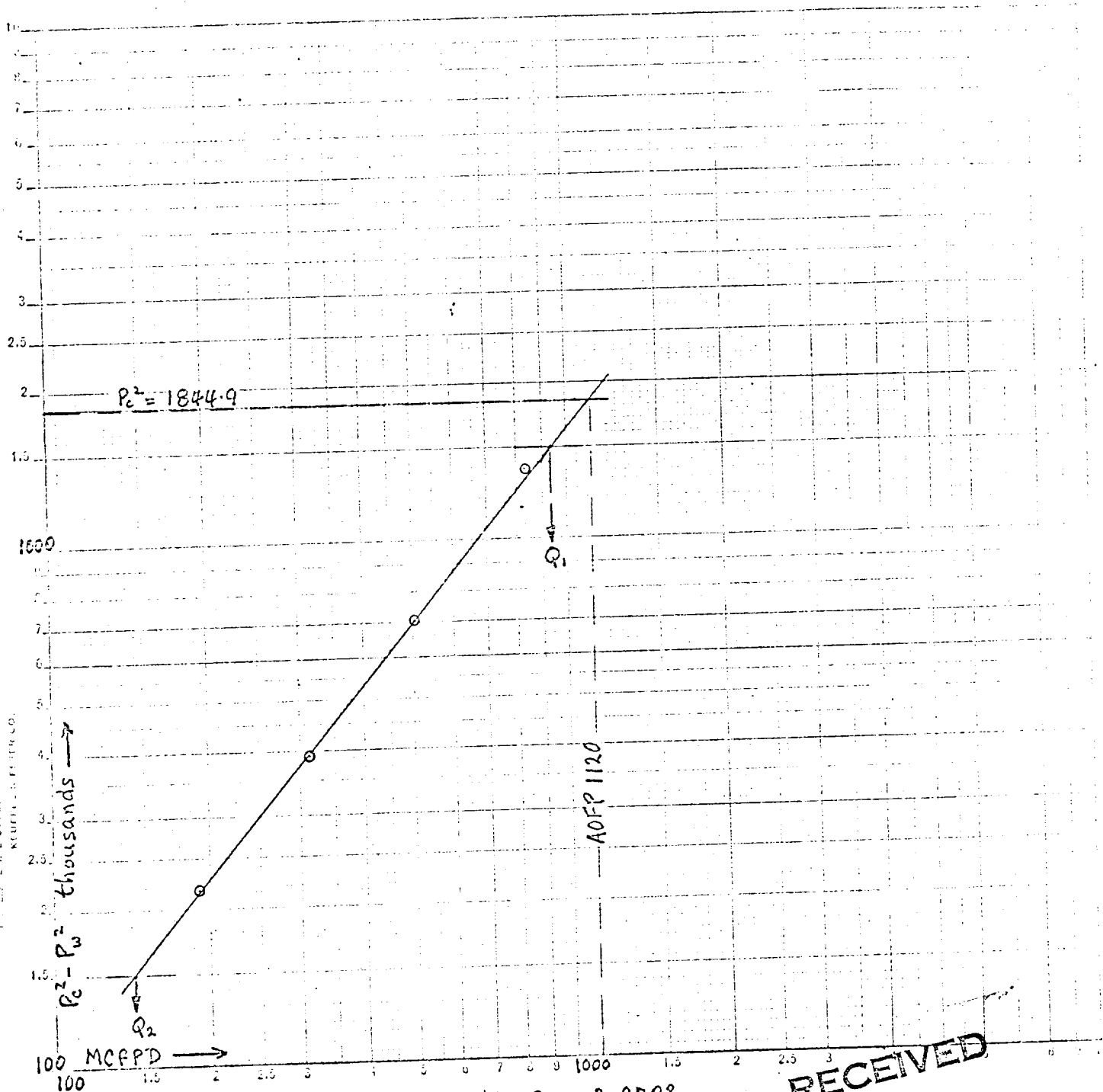


YATES PETROLEUM CORPORATION
 High Hope "DJ" Federal No. 1 well
 Section 13-17S-23E - Unit D
 Eddy County, New Mexico

LOGARITHMIC 46 7203
 SIX CYCLES KEUFFEL & NEUBER CO.



$Q_1 = 935 \text{ mcfpd}$
 $Q_2 = 142 \text{ mcfpd}$

$\text{Log } Q_1 = 2.9708$
 $\text{Log } Q_2 = 2.1523$
 $n = 0.8185$

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