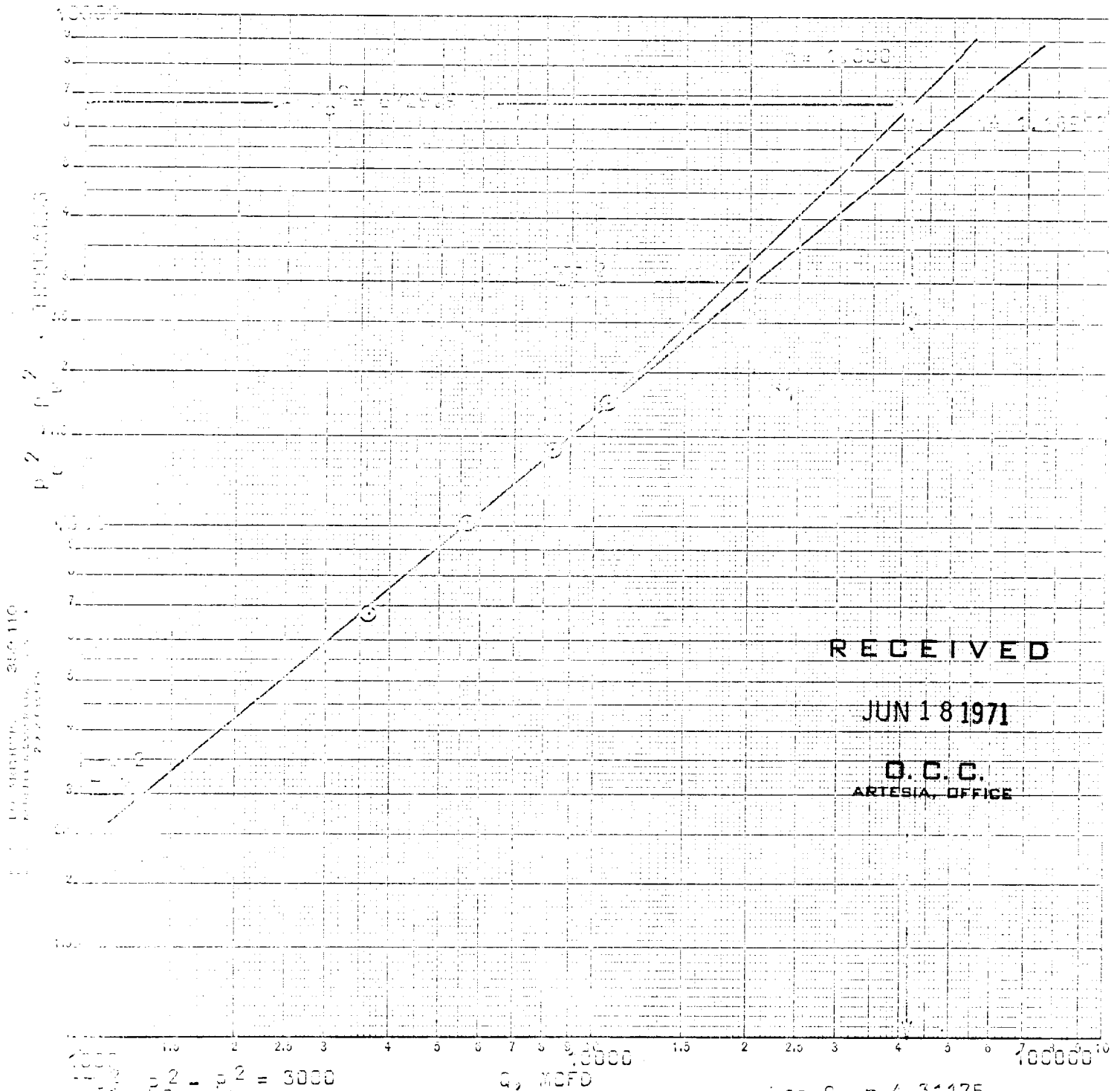


COMPANY Black River Corporation
 WELL Cities-Federal No. 1
 LOCATION F - Sec. 34 Twp. 25S Rge 24E
 County Eddy
 DATE 6 - 8 - 71



RECEIVED

JUN 18 1971

D. C. C.
ARTESIA, OFFICE

$p_1^2 - p_2^2 = 3000$
 $p_1^2 - p_2^2 = 300$
 $Q_1 = 20500 \text{ MCFD}$
 $Q_2 = 1326 \text{ MCFD}$

$\log Q_1 = 4.31175$
 $\log Q_2 = 3.12222$
 $n = 1.12953$
 $\text{Use } n = 1.00000$

ABSOLUTE OPEN FLOW = 41,500 MCFD