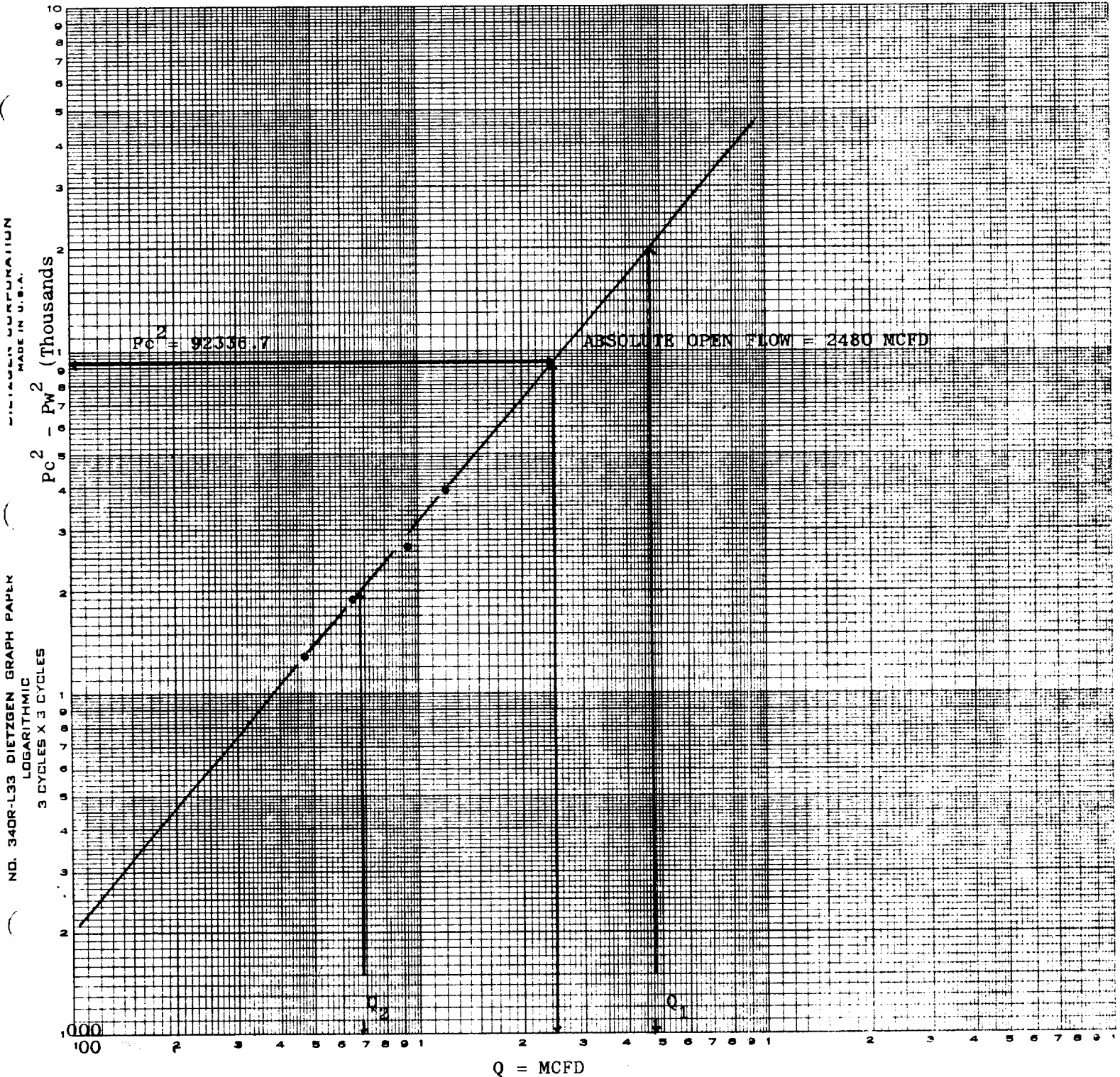


COMPANY: HNG Oil Company
 WELL: VACA 13 Federal, No. 1
 LOCATION: C 13 25s 33e
 COUNTY: Lea
 DATE: February 9, 1985



$$Q_1 = 4700 \text{ MCFD}; \text{Log } Q_1 = 3.672098$$

$$Q_2 = 680 \text{ MCFD}; \text{Log } Q_2 = 2.832509$$

$$n = 0.839589 = 0.840$$

RECEIVED

FEB 18 1985

G.C.R.
HONORARY OFFICE