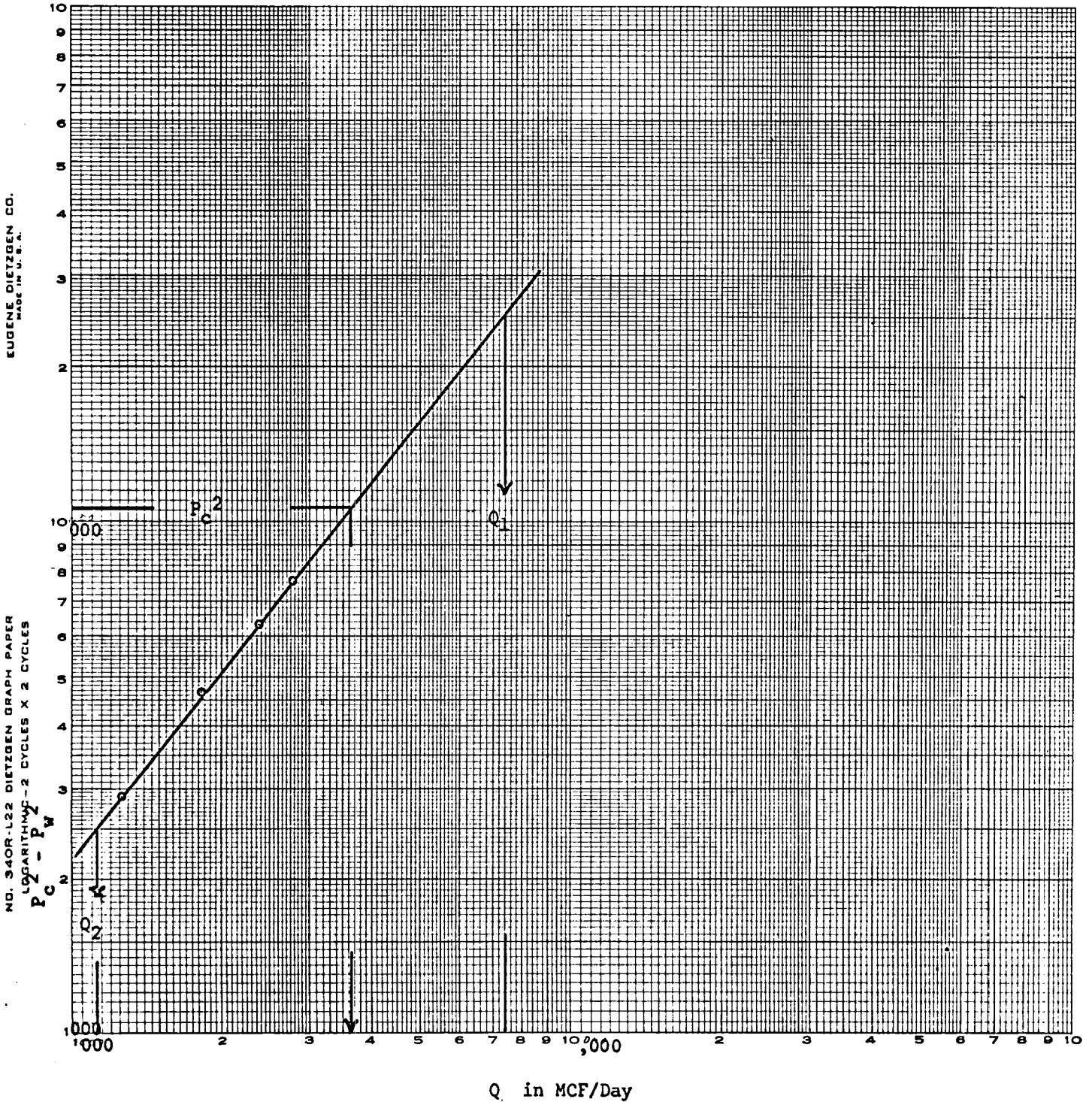


OPERATOR Pennzoil United, Inc.
 LEASE & WELL NO. Echols No. 1
 FIELD South Carlsbad Gas
 LOCATION J 12 23-S 26-E
 COUNTY Eddy
 DATE June 17, 1971



$Q_1 = 7400$
 $Q_2 = 1125$

$\log Q_1 = 3.86923$
 $\log Q_2 = 3.05115$
 $n = .818$
 $\theta = 50^\circ 43'$