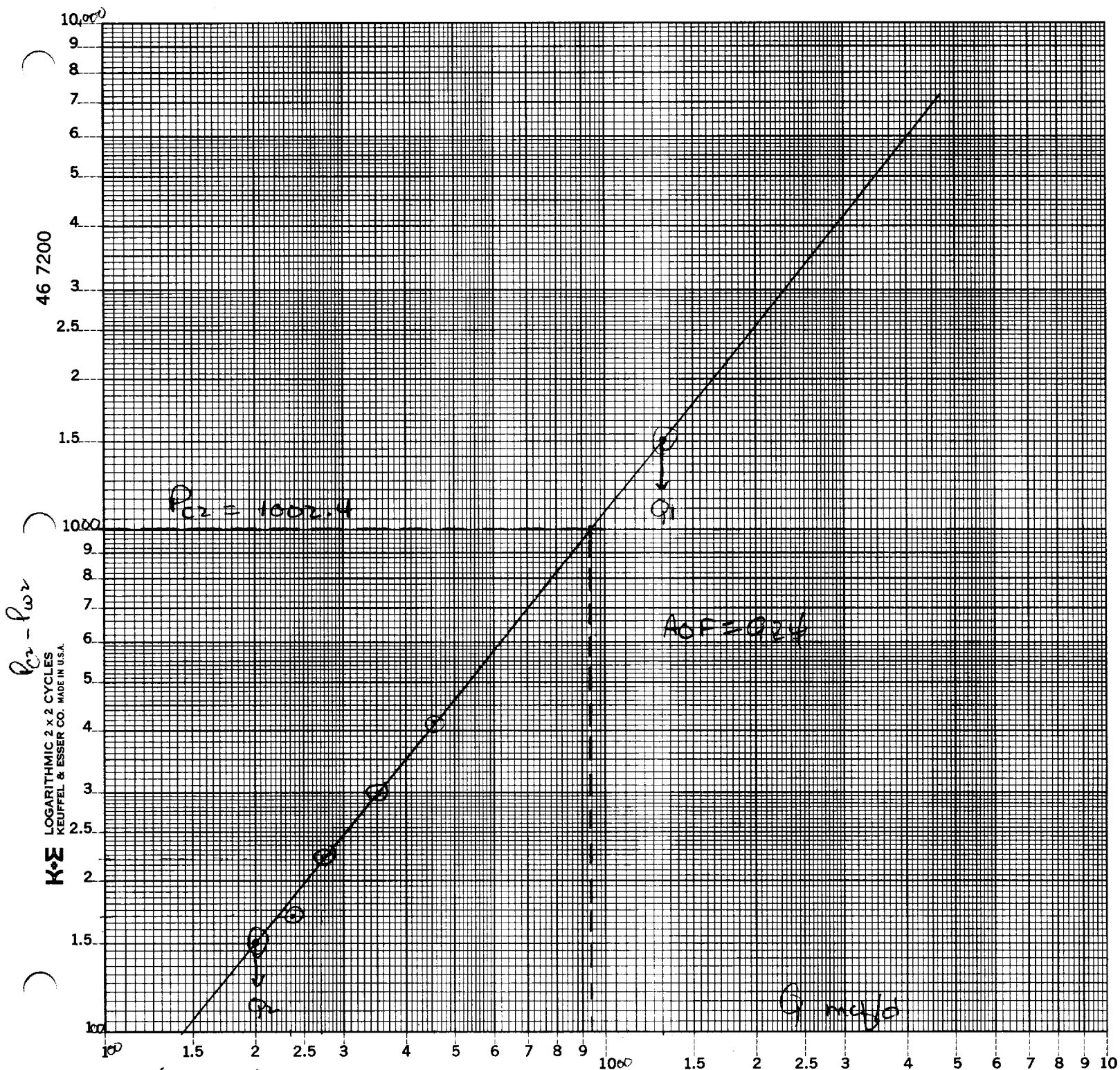


Yates Petroleum Corp

Redman Co State #2

H-35-45-24E

Chaves County, New Mexico



$$(P_2 - P_{w2})_1 = 1500$$

$$(P_2 - P_{w2})_2 = 150$$

$$Q_1 = 1300$$

$$Q_2 = 200$$

$$\log Q_1 = +31-3.11394$$

$$\log Q_2 = 2.30103$$

$$n = .81291 \quad n = .813$$