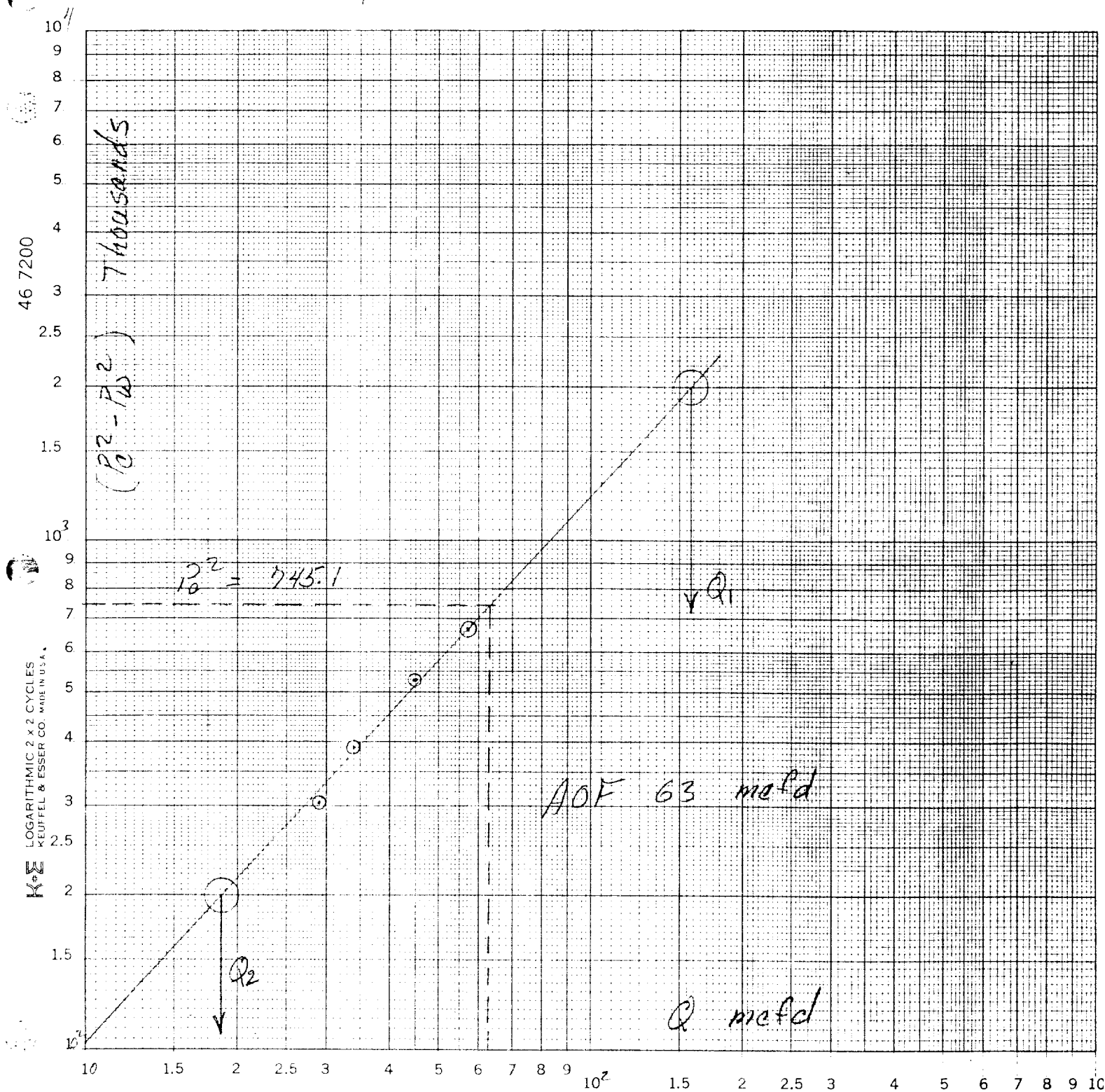


Yates Petroleum Corp.  
West Division "NX" St #1  
Unit E, Sec 27, T-7S, R-24E  
Chaves County, New Mexico



$$(P_0^2 - P_w^2)_1 = 2000$$

$$(P_0^2 - P_w^2)_2 = 200$$

$$Q_1 = 158$$

$$Q_2 = 12.6$$

$$\log Q_1 = 2.19866$$

$$\log Q_2 = 1.26951$$

$$n = .92914$$

$$n = .929$$