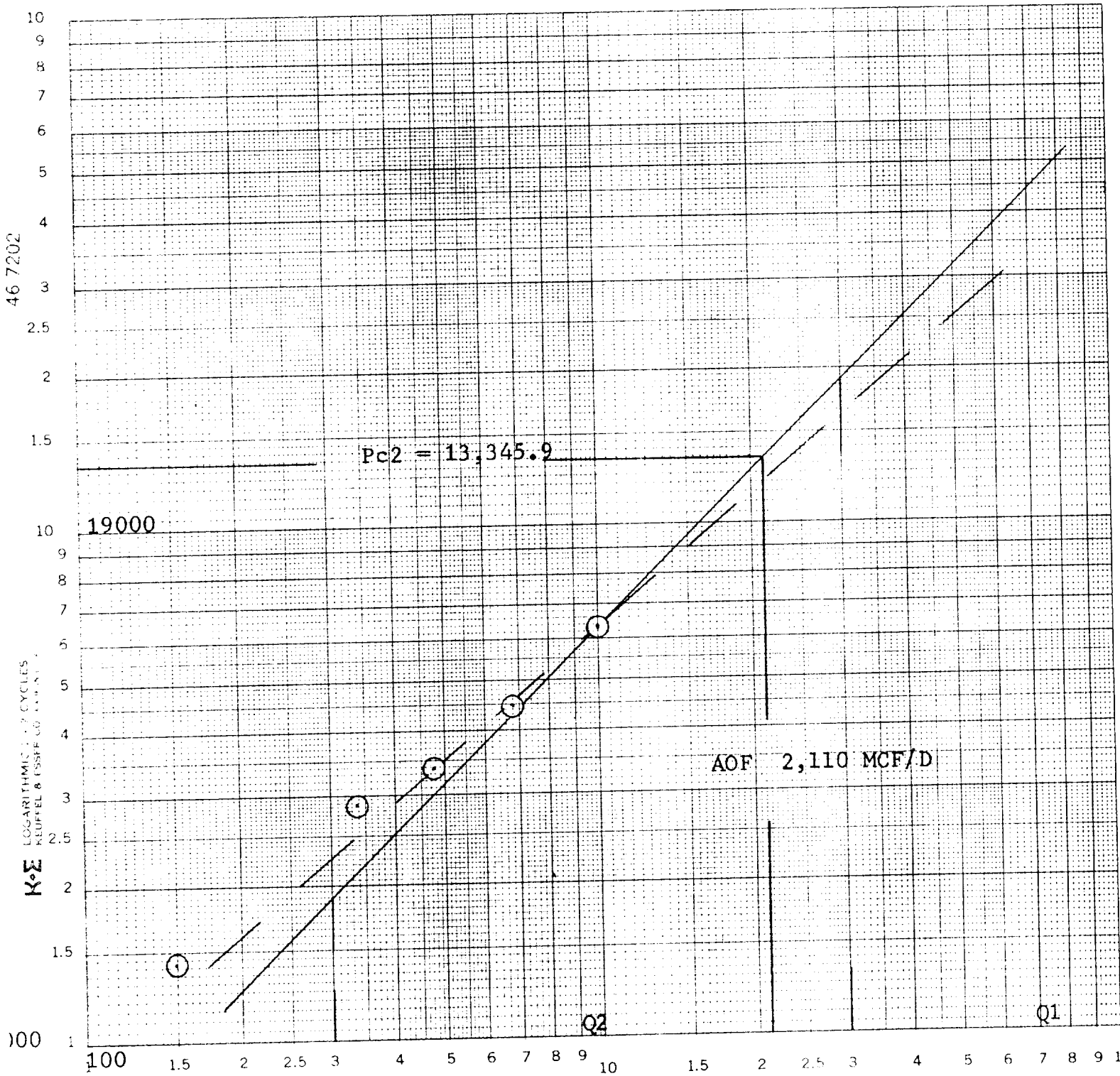


COMPANY: LIBERTY OIL & GAS
 LEASE : LEE FEDERAL COM
 WELL NO: 2
 UNIT : SEC.25/TWP.20S/@)e
 COUNTY : LEA
 STATE : N.M.
 DATE : MARCH 29, 1983



$$\begin{aligned}
 Q &= \text{MCF/DAY} \\
 Q_1 &= 3000; \log \text{ of } Q_1 = 3.477121 \\
 Q_2 &= 300; \log \text{ of } Q_2 = 2.477121 \\
 N &= \frac{1.000}{\theta} \\
 \theta &= 45^\circ
 \end{aligned}$$