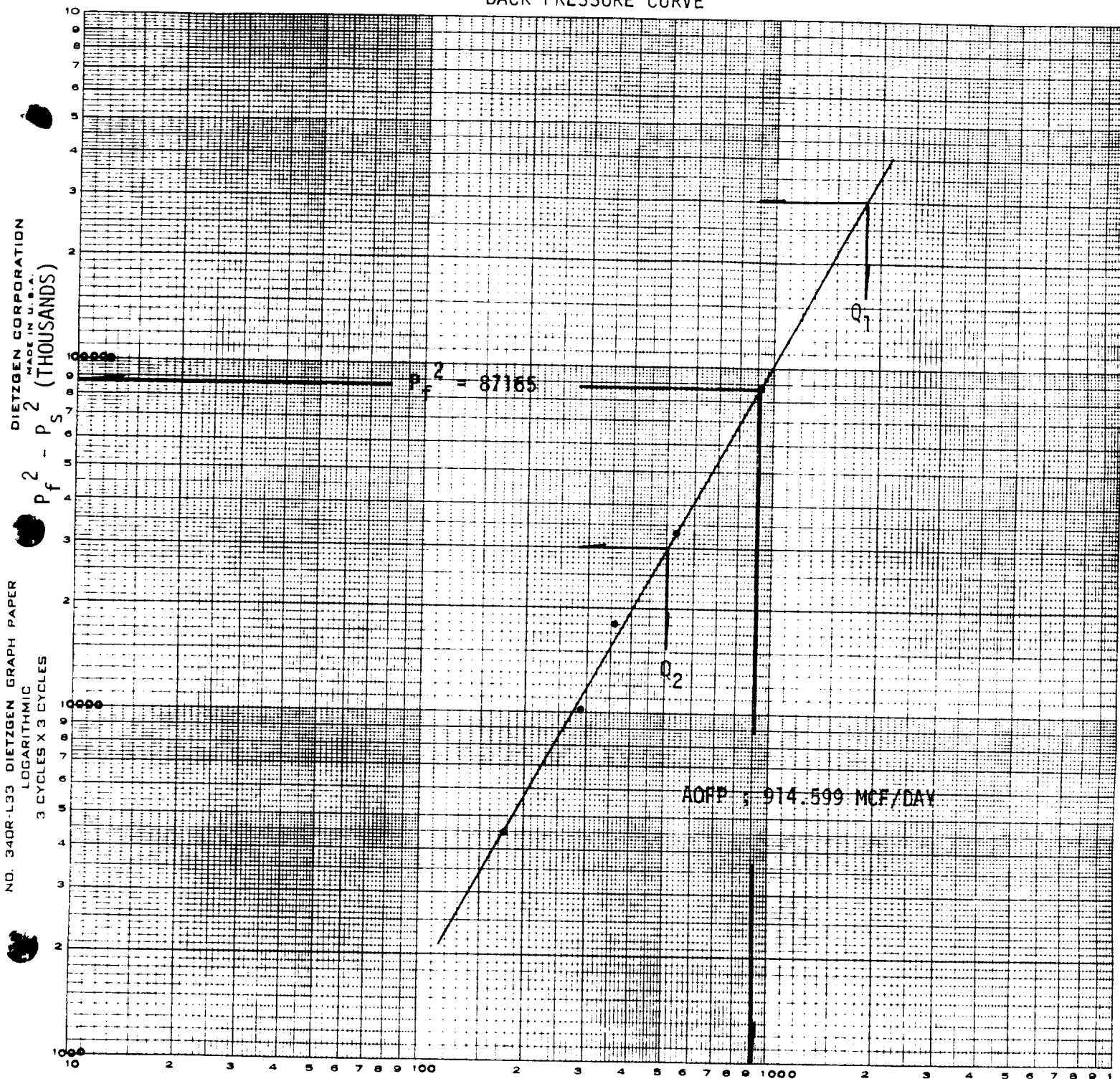


COMPANY : SOUTHLAND ROYAL COMPANY
 WELL : VACA RIDGE "20" FEDERAL NO. 1
 FIELD : PITCHFORK RANCH (MORROW)
 COUNTY : LEA
 STATE : NEW MEXICO
 DATE : MAY 31, 1985

BACK PRESSURE CURVE



$$Q_1 = 1815.364 ; \text{LOG } Q_1 = 3.25897$$

$$Q_2 = 506.172 ; \text{LOG } Q_2 = 2.70430$$

$$n = 0.55467$$

$$\theta = 60.98^\circ$$

RECEIVED

JUN 17 1985

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