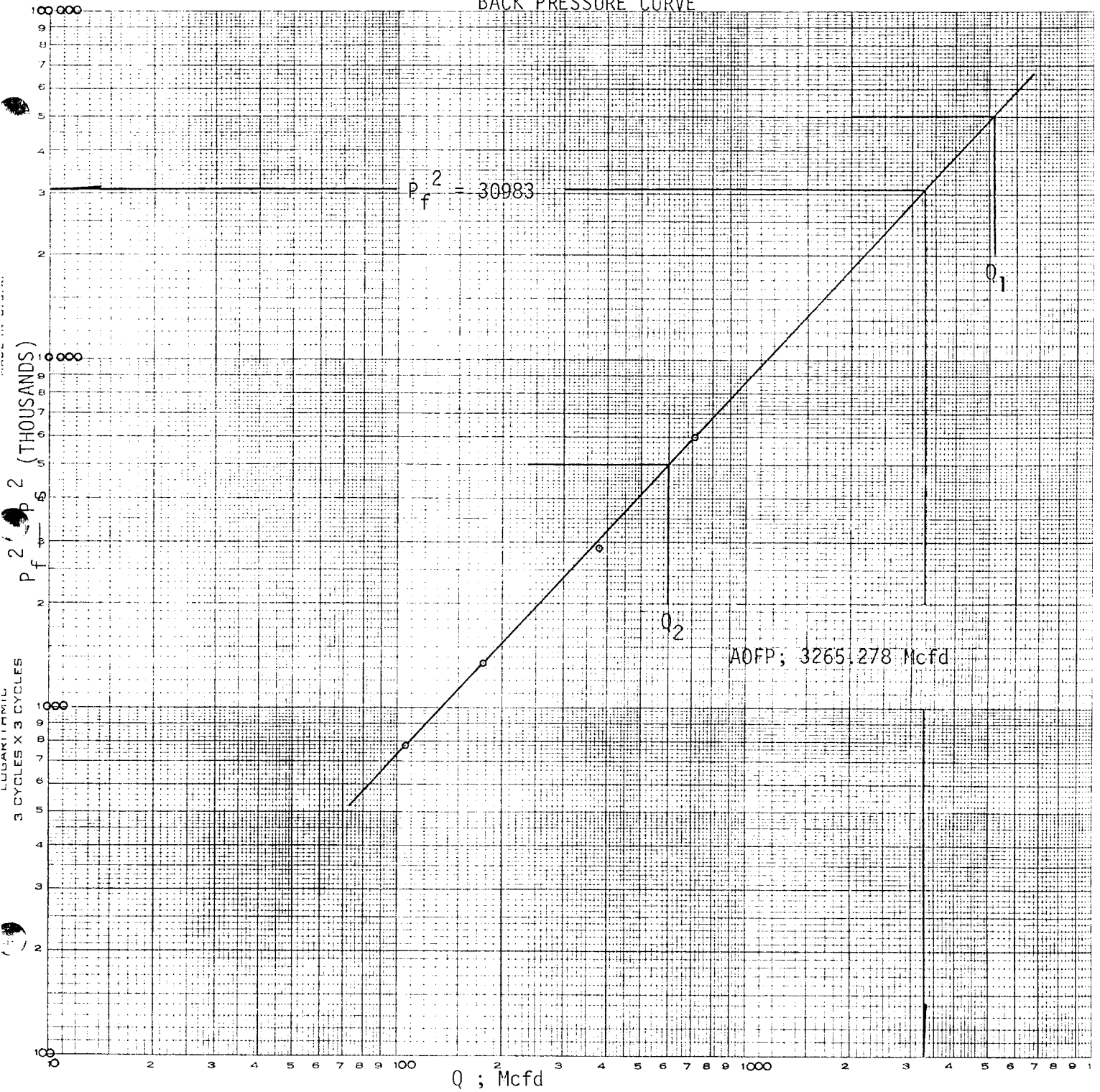


COMPANY : HARVEY E. YATES COMPANY  
 WELL : DUNCAN UNIT NO. 3  
 FIELD : UNDESIGNATED  
 COUNTY : LEA  
 STATE : NEW MEXICO  
 DATE : MARCH 20, 1984

BACK PRESSURE CURVE



$Q = 5093.421 ; \text{LOG } Q_1 = 3.70701$

$Q_2 = 599.804 ; \text{LOG } Q_2 = 2.77801$

$n = 0.92900$

$\theta = 47.1^\circ$

RECEIVED  
MAR 27 1984  
O.C.D.  
HOBBS OFFICE-