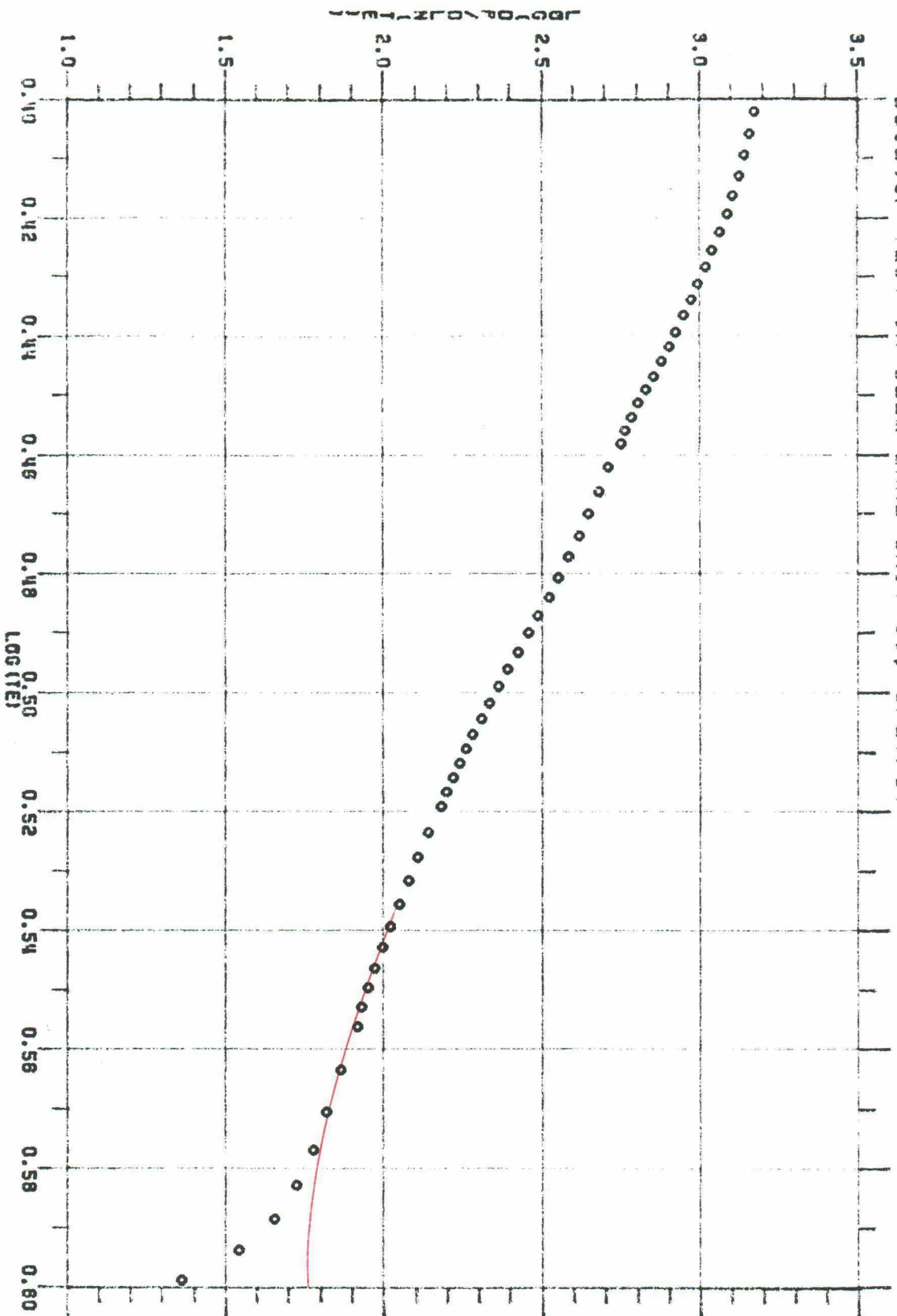


CONOCO

BUILDUP TEST IN BELL LAKE UNIT 11, 3/27/87



01/06/87

PTROLE EXAMINER STOGNER	
OIL CONSERVATION DIVISION	
EXHIBIT NO. 10	
DATE 4-3-87	
BY CONOCO INC.	

CONOCO

Exhibit # 11

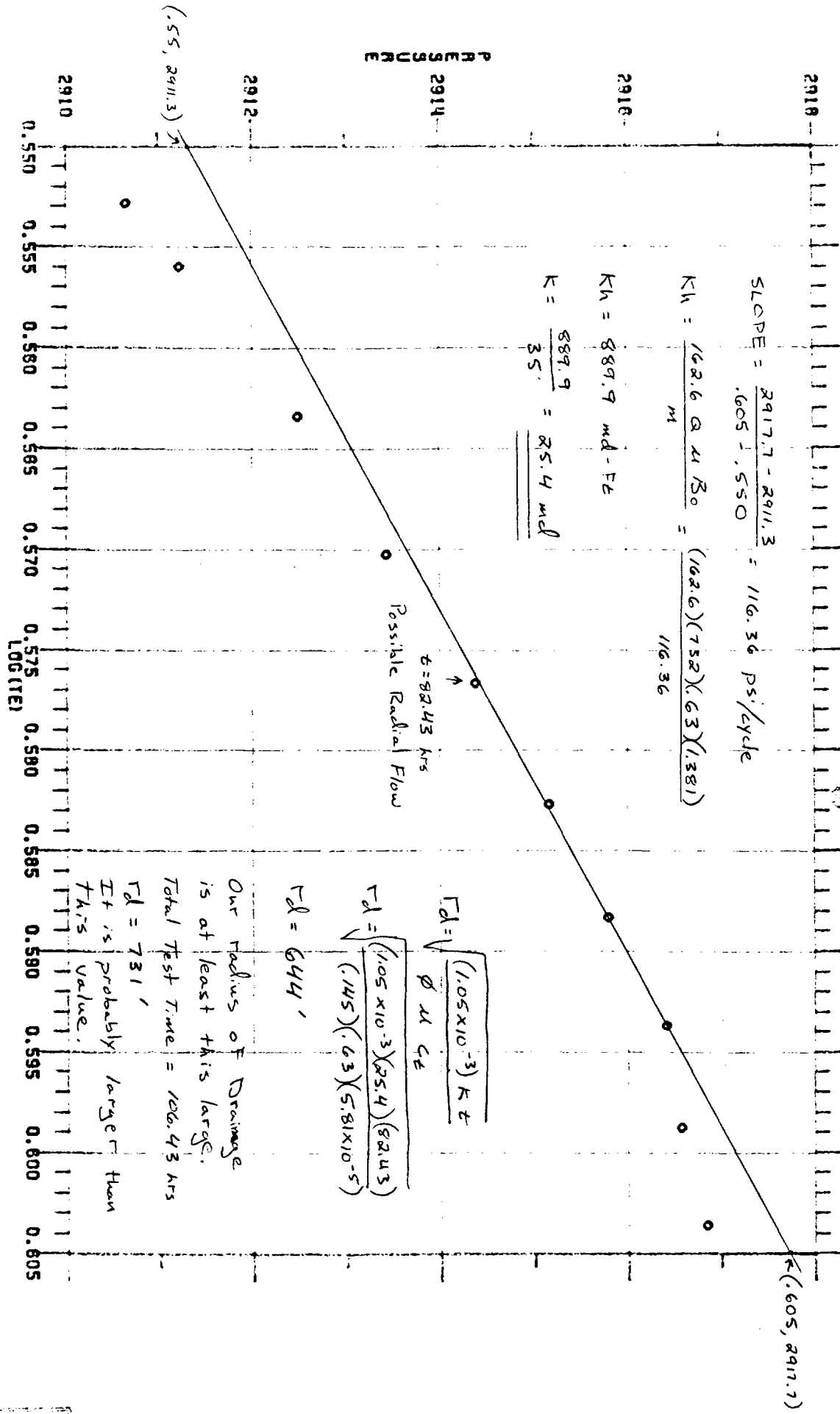
BUILDUP TEST IN REEL LAKE UNIT 11, 3/27/87

$$\text{SLOPE} = \frac{2917.7 - 2911.3}{.605 - .550} = 116.36 \text{ psi/cycle}$$

$$K_h = \frac{162.6 \text{ Q u B}_0}{M} = \frac{(162.6)(752)(.63)(1.381)}{116.36}$$

$$K_h = 889.7 \text{ md-ft}$$

$$K = \frac{889.7}{35} = 25.4 \text{ md}$$



$$r_d = \sqrt{\frac{(1.05 \times 10^{-3}) K t}{\phi \mu c_t}}$$

$$r_d = \sqrt{\frac{(1.05 \times 10^{-3})(25.4)(82.43)}{(.145)(.63)(5.81 \times 10^{-5})}}$$

$$r_d = 644'$$

Our radius of Drainage is at least this large.

Total Test Time = 106.43 hrs

$$r_d = 731'$$

It is probably larger than this value.

04/06/87

STOCKER
STOCKER DIVISION
DATE 11
CASE NO. 944
SUBJECT: Conoco 285
A-2 3A