

PLOT NO. 12

4210

4210

DEPT. NAT. RES & ENV



PE906205

Horner plot
2936.5 meters File 122

Hewlett-Packard

Fill-up time $T=435$ sec
for 20,700 cc.

Fill-up time $T=30$ sec
for unknown volume x

Pressure
(PSIA)

4200

4204

$$m = \frac{9.8 \text{ PSI}}{\text{cycle}}$$

$$K = \frac{88.4 \times 9 \times \mu}{m \times h(\text{FE})}$$

$$\frac{88.4 \times 47.6 \times 3}{9.8 \times 3.3} = 39 \text{ md if liquid}$$

$K = 12 \text{ md if } 25\% \text{ liquid}$
of $\mu = .3$ and $75\% \text{ gas of}$
 $\mu = .02.$

$$m = \frac{885 \text{ PSI}}{\text{cycle}}$$

$$K = \frac{88.4 \times 10 \times 3}{885 \times 3.3}$$

$$= .091 \text{ md}$$

CUB

SH

4190

10.0

2

3

4

5

6

7

8

9

10.0

2

3

4

5

6

7

8

9

10.0