

RRR 2

PREDICTED

PRESSURE BUILDUP

225 psi

300° R H₂O

(1.18 cp)

4.75 psi/cycle TO 15 MINS

$$134 + 4.75 \rightarrow 138.75$$

11.3 psi/cycle TO 330 MIN

$$138.75 + 11.3 = 150 \text{ psi}$$

AFTER 330 20 psi/cycle

$$150 + 20 \rightarrow 170 \text{ psi}$$

~~225 psi 400° F~~~~(1.68 cp)~~

$$1) \quad 4.75 = \frac{5759 (225) (1.18)}{X}$$

$$X = 49000$$

$$2) \quad 11.3 = \frac{5759 (225) (1.18)}{Y}$$

$$Y = 21000$$

$$3) \quad 20 = \frac{5759 (225) (1.18)}{Z}$$

$$Z = 12000$$