

607315-5

$$h H^* = \frac{(1.151) \text{ @ } \mu}{(8.953 \times 10^{-5}) A h_{10} (1)}$$

$$A h_{10} = \frac{(1.25 - 0.01)}{.410}$$

$$= 3.0923 \text{ ft}$$

$$= \frac{(1.151)(.410)(.12)}{(8.953 \times 10^{-5})(3.0923)}$$

$$= 3.57 \times 10^5 \text{ md ft}$$

$$= 3.57 \times 10^5 \text{ md ft}$$

$$J_i H = 200 \text{ ft} \quad K = 610 \text{ md}$$

$$t_0 = 14.6 \text{ hours}$$

$$d_c H = \frac{(2.245)(4.393 \times 10^{-6})}{\mu r^2} \log t_0$$

$$= \frac{(2.245)(4.393 \times 10^{-6})(3.07 \times 10^5)(14.6 \times 60)}{(0.1)(4000)^2}$$

$$= .00092 \text{ ft/psi}$$

$$c = \frac{.00092}{(1.2)(300)} = 9.2 \times 10^{-6} \text{ psi}^{-1}$$