$$\frac{|f_b|}{|f_b|} = \frac{|f_b| - 2.65}{|f_b|}$$

$$\frac{|f_b|}{|f_b|} = \frac{2.65}{|f_b|}$$

$$\Phi = \frac{\beta - \beta m}{\beta - \beta m}$$

step 1 Jodentity lith L> SS

Step 2

PNISS

DISS

step 3 $I \rightarrow P_{N,ss} = P_{0,ss} \rightarrow Water$ $A = P_{N,ss} = P_{0,ss}$

II - then water

III > thiss > though Matrix (2)

$$\Phi = \sqrt{\frac{4^2 + 56^2}{2}} = \frac{39}{.}$$

$$\Phi_{D,SS} = \frac{P_{b} - 2.6S}{1 - 2.6S} = 0.56$$

$$- R_b = 1.726 \, g/cm^3$$

$$\Phi = \frac{P_b - P_m}{P_f - P_m} = \frac{1.726 - 2.65}{0.19 - 2.65} = 0.37$$

Depth 5550 ft:

$$0.39 = \frac{1.726 - 2.65}{192.65}$$

$$\frac{d}{dt} = \frac{dt}{dt} - \frac{dt}{dt} = \frac{dt}{dt} + \frac{dt}{dt} = \frac{dt}$$

(5)

$$\Phi_{s} = \frac{\Phi_{0}^{(sh)^{2}} + \Phi_{N}^{(sh)^{2}}}{2}$$

$$\Phi_{N}^{(sh)} < \Phi_{0}^{(sh)}$$

$$\Phi_{sh} = \Phi_{s}^{(1-C_{sh})} + C_{sh} \Phi_{sh}$$

$$\Phi_{t} = \Phi_{s}^{(1-C_{sh})} + C_{sh} \Phi_{sh}$$

Csh ?

GR

$$C_{sh} = \frac{GR - GR_s}{GR_{sh} - GR_s} = I_{sh}$$

$$C_{sh} = \frac{\Phi_N - \Phi_D}{(\Phi_N)_{sh} - (\Phi_D)_{sh}}$$
assumption: $S_W = 10D$!

How to integrate ?