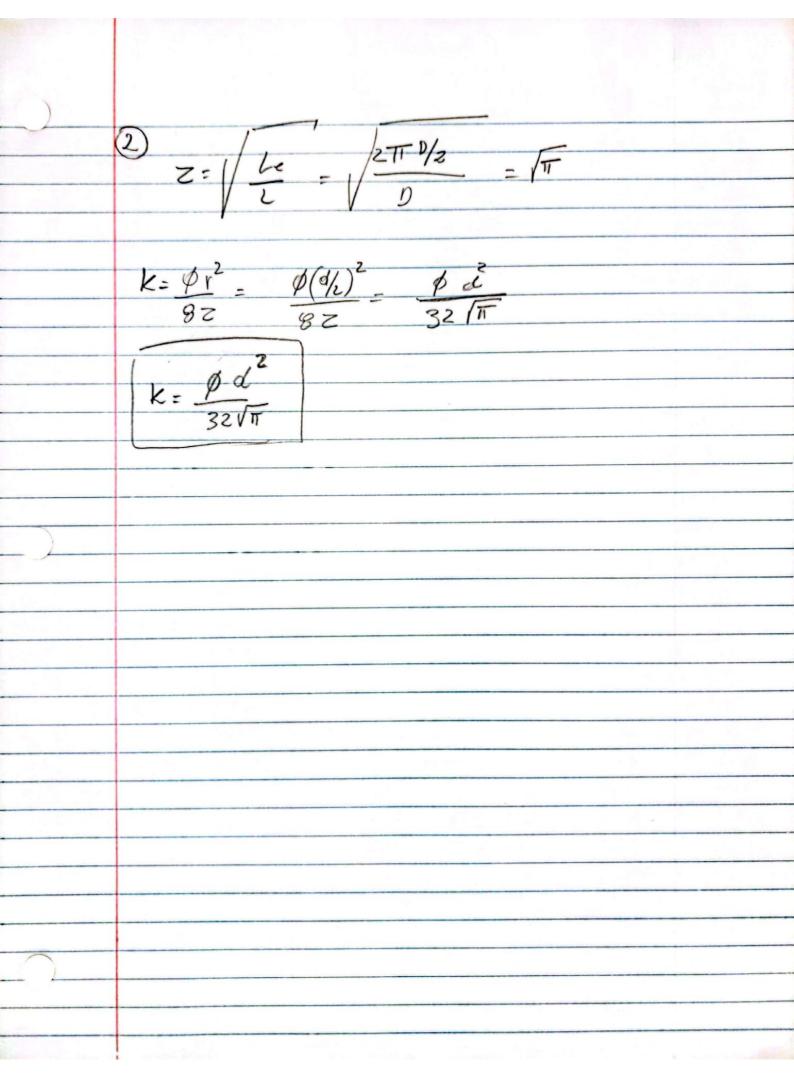
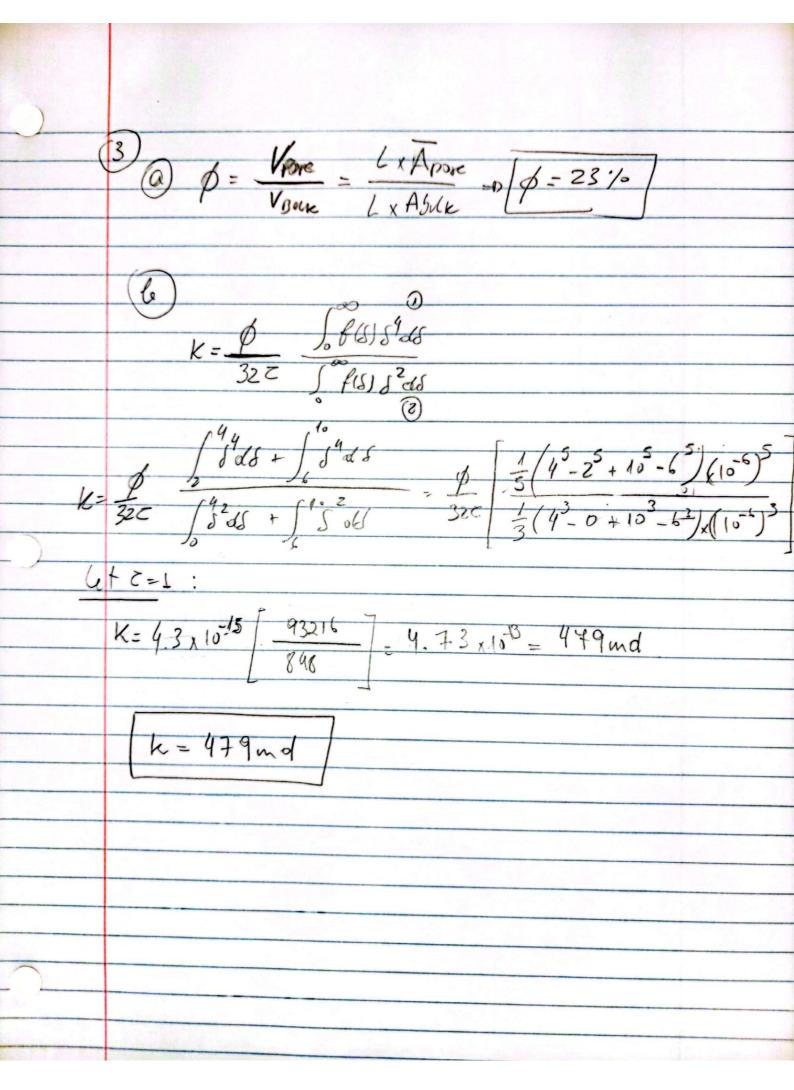
Odvanad Petrophyrics CAU 2003 Ronato Pol: 192656 10/19/2023 HW#5 1) R= M+ohn-m a=1 lw = 0.03 ohn. m RT= Ru a -> Ø= / Ru
RT SIOZ -> Ø= 10.03 - 8.% $F = \frac{\alpha}{gm} = \frac{1}{(0.08)^2} = 156$ T= F. \$= 156 x 0.08 = 12.5 $K = \frac{D\phi^{5}}{42 \, Z(1-\phi)^{2}} = \frac{(120 \, x 10^{6})^{2} (0.08)^{2}}{(12) \, (12.5) \, (0.92)^{2}} = 1.2 \, x 10^{-13}$ K = 122mD







	In a farm)	Pdwn (atm)	q (cc/min)	g (cc/sec)	1/Pavg	Kg
	. ep (ec)		1 6.4	0.106666667	0.937692782	0.006790948
101			-			
507	1.667105263		1 35.6	-		
1520	3		1 132.8	2.213333333	0.5	0.004992703

D	2.54	cm
L	2.54	cm
mu	0.018	
Patm	760	mmHg

KI	0.0029382	D	
Dy a ref	2.9382	md	

