

Stimulation Teacher Assistant Class

By: Hamidreza Asaadian

Homework #3

Hw: Apply the following details about Sarvak's subzones and there are 4 different treatment ways in the table below that are suggested to operate. Analyze them with software and report the best one. (Packer depth = 10320 ft)

Name	Zone#	Top (ft)	phi	K (md)
Sarvak 3	Zone-1	10577.9	0.16	13.39
Sarvak 3	Zone-2	10637.8	0.10	1.63
Sarvak 3	Zone-3	10892.5	0.14	6.43
Sarvak 4	Zone-4	10936	0.06	0.44

Perforations are all over the Subzones.

	HCl 28/% gal	Emulsion Acid	Gel Acid	Diverter SDA 15%	Diesel
#1	8000	20000	0	0	15000
#2	8000	20000	0	2500	15000
#4	8000	0	24000	0	15000
#5	8000	0	24000	2500	15000

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