



MECHANICS OF POROELASTIC MEDIA



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POROMECHANICS - WIKIPEDIA



SPE/AAPG/SEG UNCONVENTIONAL RESOURCES TECHNOLOGY









mechanics of poroelastic media pdf

Poromechanics is a branch of physics and specifically continuum mechanics and acoustics that studies the behaviour of fluid-saturated porous media. A porous medium or a porous material is a solid (often called matrix) permeated by an interconnected network of pores (voids) filled with a fluid (liquid or gas). Usually both solid matrix and the pore network (also known as the pore space) are ...

Poromechanics - Wikipedia

Boolean operators This OR that This AND that This NOT that Must include "This" and "That" This That Must not include "That" This -That "This" is optional This +That Exact phrase "This That"

SPE/AAPG/SEG Unconventional Resources Technology

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General. Agarwal, R.G., 1980. A new method to account for producing time effects when drawdown type curves are used to analyze pressure buildup and other test data, SPE Paper 9289, presented at the 55 th SPE Annual Technical Conference and Exhibition, Dallas, TX, Sept. 21-24, 1980.. Barlow, P.M., and A.F. Moench, 1999.

Aquifer Testing Reference List :: Aquifer Testing 101

1. Introduction. In many engineering applications, such as nuclear waste repository design, conventional and unconventional oil and gas extraction, and CO₂ sequestration, it is of great interest to assess short- and long-term performances of underground structures like wellbores, repository drifts, and caverns. This requires the determination of effective rock properties and the rock behavior ...

A multi-stage triaxial testing procedure for low permeable

A new method for calculating the minimum stress is proposed. • The uniaxial strain method is the minimum value of the minimum stress. • Improved stress polygon uses this value as the lower bound horizontal stress.

Lithology-dependent minimum horizontal stress and in-situ

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