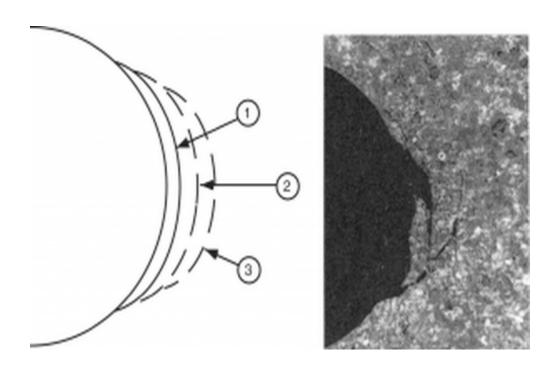
Why is stress important in petroleum engineering?



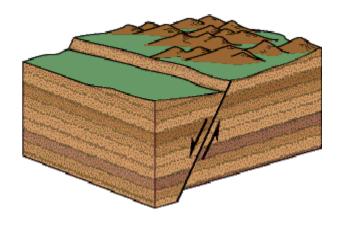
Wellbore failure occurs because the stress around the well exceeds the strength of the rock.



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Faults will slip when the ratio of shear to normal stress on the fault exceeds its frictional strength.



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Reservior depletion causes changes in the stress state at depth that can be beneficial, or detrimental, to production.

