



Reservoir Souring: A story of life underground

A novel equation to predict souring rate

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Reservoir Souring: A story of life underground

A novel equation to predict souring rate

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Souring is a metabolism that is mediated by a community of sulfate reducing microorganisms. Previous souring simulation tools assume that the same model that can express the rate of microbial reactions catalyzed by one microbe can also characterize souring. In this work we show that this assumption is an oversimplification of reality. We then suggest a new equation that is simple, yet it can capture souring rate.