



Practical Modeling of the Scaling Properties of Oil Field Brines

Presented by: Robert J. Ferguson
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Faulkner County Natural Resource Center

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Environmental pressures on disposal of oil field produced waters have prompted energy companies to seek alternate solutions to disposal. Water reuse and green chemistry are more important than ever. Produced waters are being increasingly used for other applications. This presentation discusses the computer modeling of the scale and scale control issues of reuse, as produced waters are mixed, transported, re-injected, and used in applications such as RO and cooling water.

Computer modeling allows you to test mix streams of water. Find out how produced water interacts with fresh, performs in a cooling tower, or check compatibility when disposed of in an injection well.

A “visual chemistry” approach to data interpretation is stressed. The basics of scale prediction, calculation methods, and limitations will be discussed.



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Cost: Free

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