

Tubular Microfiltration for Produced Water Discharge

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Produced water varies greatly in its physical and chemical properties based upon geographic location, geologic formation and the type of hydrocarbon being produced. There is no consistent method that has been show to work across the broad spectrum. Challenges involved include the removal of high solids levels and hydrocarbons.

In this study, a unique tubular microfiltration membrane was utilized to effectively treat simulated Produced Water from a gas formation.