



# GREENSBURG OIL, LLC

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A cost effective system for desalination of produced water is proposed. Produced water represents 98% of waste in the oil and gas industry. Many times the profitability of a field depends upon the effective management of this water. While Underground Injection through EPA Class II injections wells is the most common method for dealing with produced water, lack of injection capacity as well as challenging geology, can drive the need for an alternative. The Greensburg Oil Pool is one such example.

The Greensburg Oil Pool located in South Central Kentucky produced 22 million barrels of oil through primary recovery methods during a seven year span in the 1960's. During this period, produced water was simply discarded into surface streams without treatment. After state and federal agencies stopped this, local operators were forced to shut down due to an inability to deal with the water issue. There are no alternative zones for disposal and the technology did not exist for treatment of the water to make it acceptable for surface discharge.

The goal of this exercise will be to not only prove the technology for treatment of the water but to also prove the economics of deploying such a system.