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CASE STUDY: *The FQS Response*

FQS Venture, LLC (FQS) a joint venture between Select Energy Services and Fountain Quail Water Management, has established a responsive collaboration for the recycling of oilfield wastewater in the arid southwestern United States. FQS uses a “plug-and-play” model that leverages the environmental benefits of mobile recycling together with the fiscal and logistical benefits of an existing salt-water disposal infrastructure.

+ EXECUTION

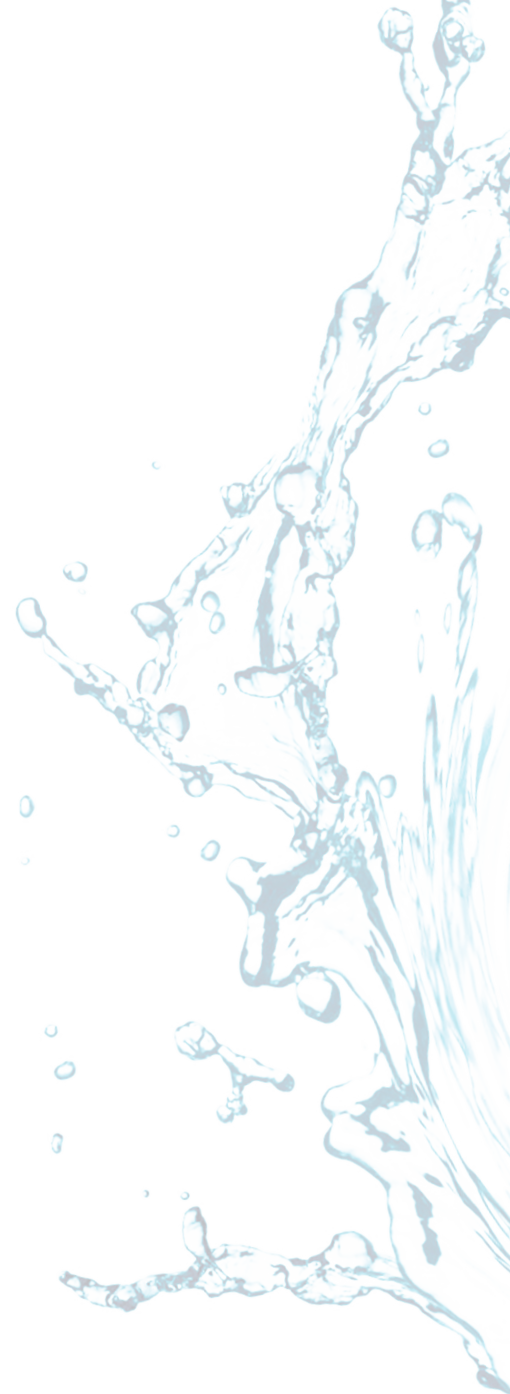
FQS deployed a ROVER unit to a Permian Basin salt-water disposal (SWD) facility owned and operated by a major oil producer in the region. The ROVER is a mobile and efficient chemical addition, precipitation and clarification system. It is designed to recycle 10,000 barrels of produced water a day into clean brine and help operators manage solids generated. The four-stage process is effective at reducing turbidity, removing suspended solids, precipitating dissolved metals, reducing hardness, and removing bacteria.

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Since its most recent deployment to the SWD facility, the ROVER has cleaned over a million barrels of water that was otherwise headed for disposal—treating an average of 6,000 barrels per day, based on available feed-water. The oil producer has been very satisfied with the water quality, and without having to rely so completely on scarce fresh water in the region.



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Select Energy Services strives to change the oil and gas industry's approach to water management. By providing strategic solutions from sourcing to recycling, Select delivers innovative, efficient, end-to-end solutions to energy producers. Always mindful of the environment, Select is the premier provider of water solutions that help unlock the vital energy resources of the United States.

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