



PRESS RELEASE



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Produced Water License Agreement Signed for World's Most Advanced Zero-Liquid-Discharge Technology

Dallas-Fort Worth, Texas- Texas based PetroH2O Recovery and New Zealand based Aquafortus Technologies has signed an exclusive licensing agreement to develop, market and distribute their patented zero liquid discharge (ZLD) technology for the U.S. oil and gas produced water market.

"We are very excited to launch our program with PetroH2O Recovery, and bring our technology to the U.S. produced water market", stated Daryl Briggs, CEO of Aquafortus. "Our technology will bring real opportunity for maximum recovery of clean water in high salinity produced waters, without the expensive thermal processes". Aquafortus developed and holds multiple patents on the non-thermal, continuous and re-generable ZLD technology. It works by a two-stage solvent exchange process with the patented "Absorbent" acting as a transfer medium for water. When wastewater brine contacts the Absorbent, salts from the wastewater brine instantly crystallize. The "Regenerant" then regenerates the Absorbent for continuous reuse in the system. In the oil and gas produced water application you will leave the salts in the reject so there is no production of crystallized salt to manage, while still maximizing water recovery.

Every day U.S. oil and gas wells produce more than 58 million barrels of water and these numbers are growing. In addition, the demand for clean water to be used in the completion of new wells is also growing. Oil and gas producers in some areas are currently utilizing reuse technologies and service providers to ease this demand, but more needs to be done. "We need a multi-faceted, long-term set of solutions for the producers" stated Brent Waller, Co-Managing Partner of PetroH2O. "Existing solutions like injection and reuse treatment processes are required to maintain future oil and gas production. However, the largest volumes being produced are in high TDS basins. Treating it economically to surface discharge quality with high recovery rates did not exist until Aquafortus. We look forward to bringing our clients and service partners the unparalleled system design of AquafortusNTR™".

About PetroH2O Recovery: PetroH2O is a Texas based water management and solutions provider with partner operations in West Texas, New Mexico, Wyoming and Oklahoma. They provide to the oil and gas produced water industry disposal services with more than 60 locations and has built integrated water treatment systems and centralized facilities for nearly 25 years. www.petroh2o.com

About Aquafortus: Aquafortus is a New Zealand based technology company that develops and commercializes novel and proprietary minimal energy water recovery technologies for high TDS waste and process streams. The team at Aquafortus are high-caliber, global experts working to bring the most advanced zero liquid discharge water recovery technologies to the world. www.aquafortus.com

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