

Put Your Wastewater to Work™

Based in Irving, Texas, Fountain Quail has been developing innovative water management solutions since 1996. Today our company is dedicated to serving oil and gas producers with proven systems that treat produced and flowback water to clean brine for reuse or to distilled freshwater for surface discharge or reuse.

Fountain Quail is widely recognized as the first commercial recycler of shale wastewater and is a founding member of the Texas Water Recycling Association. Our company was born in the oil patch by and for oilfield professionals. The oilfield is in our DNA. We have the experience, technical expertise and best-in-class technologies to improve your water economics at the lowest possible price.



Fountain Quail
ENERGY SERVICES

972.410.1044 | www.fountainquail.com

PROVEN WATER TREATMENT SOLUTIONS

Our proprietary water treatment systems, MAVREX™, ROVER™ and NOMAD™, are safe, reliable and rugged. Battle-tested in major shale plays by leading operators, our technologies cut water-specific operating costs by at least 30% and up to 80% while providing an environmentally favorable alternative to disposing of wastewater.



Housed inside a trailer, MAVREX™ utilizes the safest and most advanced chlorine dioxide (ClO₂) technology on the market.

- Rapid kill rate, low dose ratio
- Highly effective across broad range of bacteria, fungi, biofilms, and viruses. Less corrosive than chlorine



The ROVER™ is a mobile unit designed to create clean saltwater for reuse during hydraulic fracturing.

- Removes suspended solids and polymers
- Easily configured for hardness reduction and the removal of specific elements
- Designed for high capacity treatment
- On-board solids handling



The patented NOMAD™ is the only system with more than a decade of continuous duty in generating distilled freshwater from produced water.

- Employs the most energy-efficient thermal evaporator available
- Skid-mounted system is modular, rugged, and easy to clean and service
- Each modular unit is capable of generating 2,000 BPD

“Fountain Quail never stops until the job is done. They are more than a service company. They are a partner.”

*Large Permian Basin and Mid-Continent E&P Company
(has successfully used 100% Fountain Quail-treated water on multiple well pads)*



Improving Water Economics for Oil and Gas Producers

Water management is a top tier issue for most oil and gas producers. Across all U.S. shale plays, an average of 12 barrels of water is produced for every barrel of oil. In 2015, approximately 66 million BPD flowed out of onshore U.S. oil and gas wells. 2020 volumes are expected to rise to 92 million BPD.¹ Industry experts estimate that 2015 oilfield water management costs in the U.S. exceeded \$37 billion.² Fountain Quail can reduce these water-specific operating costs by 30% and up to 80% while providing an environmentally favorable alternative to conventional wastewater disposal.

Fountain Quail has deployed its MAVREX™, ROVER™ and NOMAD™ systems for leading producers in major shale plays across the U.S. including the Marcellus, Utica, SCOOP, STACK, Barnett, Eagle Ford, and the Permian Basin.

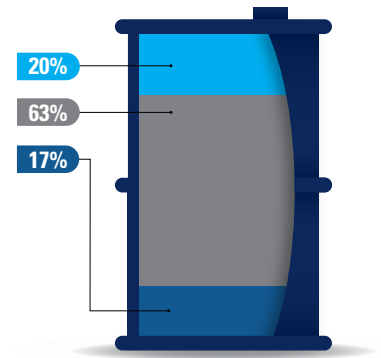


Fountain Quail
ENERGY SERVICES

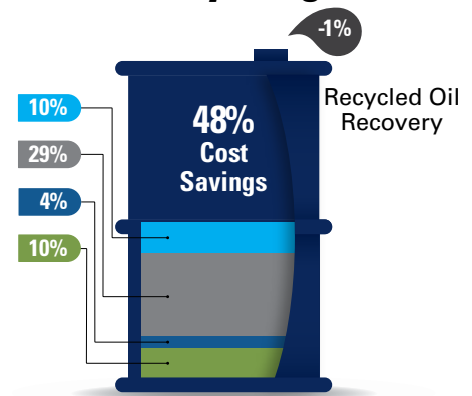
130 E. John Carpenter Freeway, Suite 440, Irving TX 75062
972.410.1044 | info@fountainquail.com | www.fountainquail.com

To learn more about our water management solutions visit www.fountainquail.com or contact us directly at info@fountainquail.com.

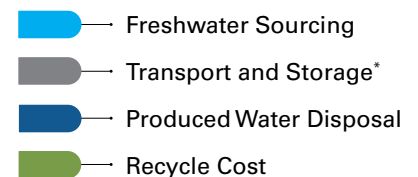
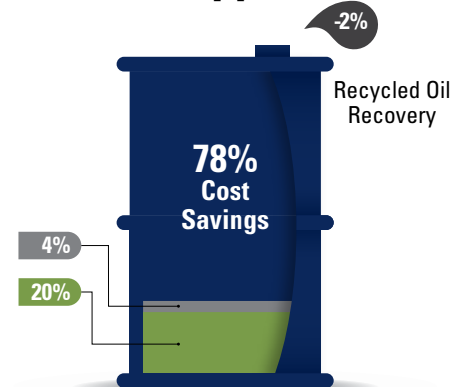
No Recycling



50/50 Freshwater/ Recycling



100% Recycled Supply



* Savings represent typical industry costs. Transport and storage includes freshwater transport, freshwater storage, produced water transport and produced water storage. Contact Fountain Quail for specific costs in your area.

1 Source: IHS, Future of Water in Unconventionals study

2 Source: Dissecting Water Management Practices for Substantive Improvements in Environment, Health, Safety, and Cost Outcomes, Environmental Shale Water Management Magazine (p. 16, November/December 2015 issue)