

## Put Your Wastewater to Work™

The ROVER™ is a safe, reliable and rugged system designed to convert produced and flowback water to clean saltwater for reuse during hydraulic fracturing. ROVER™ technology removes suspended solids and polymers and can easily be configured for hardness reduction and the selective removal of specific elements. Specifically designed in the oilfield for high capacity treatment, the ROVER™ generates clean brine at the lowest possible price. Each ROVER™ unit is capable of recycling 10,000 BPD of clean brine. We can install multiple units in parallel operation to increase daily output at a single location.

Fountain Quail has worked with the nation's leading operators to deploy the ROVER™ system in major shale plays across the U.S. including the Marcellus, Utica, Barnett, Eagle Ford, and the Permian Basin. Our customers have realized water-specific cost savings of at least 30% and up to 80% depending on location.



**Fountain Quail**  
ENERGY SERVICES

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# ROVER™

### TREATMENT OBJECTIVE

- pH neutral crystal clear, clean brine for frac reuse
- TSS removal, iron removal, bacteria removal, nutrient removal to prevent bacteria growth & sludge formation
- On-board solids handling

### TECHNICAL SPECIFICATIONS

- Feed Capacity: 10,000 BPD
- Clean Brine Capacity: 10,000 BPD
- Footprint: Two trailers, 30'x55' total system
- Electrical Demand: 100 kW

***"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)***



# Cleaner Brine at the Lowest Price

Saltwater Treatment Technologies	TSS (Total Suspended Solids) Removal	Selective Ion Removal	Compact (on wheels)	High Capacity (10,000 BBD), continuous operation	Capable of 12hr Set-Up	On-Board Solids Handling	Proven Oilfield Experience (15+ years)	Effective Bacteria Kill
<b>ROVER™: Chemical Clarification</b>	●	●	●	●	●	●	●	●
Electro-Coagulation (EC)	●		●	●	●			
Chlorine Dioxide (ClO <sub>2</sub> )	●		●	●	●			●
Chemical Coagulation	●	●		●		●		
Dissolved Air Flotation (DAF)	●		●	●				
Centrifuge	●			●		●	●	
Rotary Vacuum Drum Filter (RVDF)	●			●		●		
Filtration (MF, NF, UF, disc filters)	●		●			●	●	
Black Box, Cavitation, Magnets				●				

- Complete
- Partial or Problematic

NOTES: Cost includes power, labor, chemical, etc. Many vendors quote incomplete prices. Final price based on % usage. Post treatment can be added to ROVER™ if customer requires.

## A Proven Clean Brine Solution

The oilfield is in our DNA. Fountain Quail has been developing solutions to meet the specific needs of oil and gas producers for more than 20 years. The ROVER™ is a mobile system that consists of a low profile water clarification trailer and an auxiliary support trailer. The unit's compact 30'x55' footprint fits conveniently on any wellpad. The ROVER™ is easily integrated



into all on-site completion and water management equipment within a single day. Once installed, produced water is pumped into the ROVER™ from a source — frac tank, SWD or pit. We use an adjustable chemical system and a proprietary polymer blend to flocculate suspended solids and organics. The solids settle on the bottom of our built-in sludge thickener, where they are continuously collected and removed. Clean brine is pumped out of the unit to our customer's designated storage location.



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To learn more about our water management solutions visit [www.fountainquail.com](http://www.fountainquail.com) or contact us directly at [info@fountainquail.com](mailto:info@fountainquail.com).