

GREENWELL ENERGY SOLUTIONS™

Chemical Support Trailer



Coil tubing companies need a solution to hydrate chemicals that is cost effective and eliminates carrying chemical inventory.

Greenwell's support trailer is a stand-alone unit with an in-line static mixer that provides optimal chemical blending. Our solution combines chemical pumps, a self-cleaning filtration system and ample chemical storage that quickly ties into the coil tubing unit via one line. We also offer a consignment inventory option, so customers only pay for chemicals used and avoid the costs of unused chemicals.



Features

Chemical Pumps

- Four chemical pumps with separate rates on each pump
- Pump rates can easily be adjusted as injection rates change
- Continuous injection with no batch mixing for proper blending

Self-Cleaning Filtration System

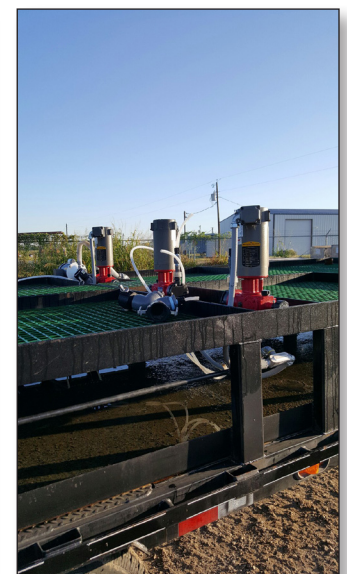
- Steel screen can be reused each job
- Dual pod eliminates downtime while system is cleaning
- No filter expense
- No labor associated with changing filters

Consignment Chemical Option

- Greenwell manages beginning inventory, deliveries and ending inventory
- Customer only pays for chemical used
- Eliminates paying for unused chemical

Simplified Process

- Gain on-site training by Greenwell team
- Achieve quick set-up and no down-time
- Remove need for chemical buckets and their associated waste
- Save costs with reasonably-priced turnkey solution



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Chemical Support Trailer

Coil Tubing Chemical Line

Our turnkey support trailer uses highly effective Greenwell chemicals. We continually conduct unbiased, third-party testing to make sure we provide only the best solutions on the market. We also leverage in-house manufacturing and blending services to design solutions for customers' specific applications. Most of our customers find they can use fewer chemicals and achieve better results with Greenwell's solutions.

We maintain chemical inventory across our ten offices in the Southern U.S. to serve clients quickly.

Viscosifiers

Our line of viscosifiers provide a premium viscosity profile for cleaning the horizontal wellbore. Slurried systems are environmentally-friendly, possess no BETX and have extended shelf life to deliver a uniform quick-yielding product.

WS-350

- Standard viscosity xanthan gel slurry

Friction Reducers

Our Wet Frog™ line of friction reducers reduce friction better than competing polymers and allow operators to pump higher flow rates at lower costs.

Slick Frog™ FR

- Designed for fresh water through medium brine fluids < 4000ppm tds
- Rapid hydration in aqueous solutions
- High molecular weight
- Contaminant tolerant
- Anionic/nonionic compatible

Salty Frog™ FR

- Designed for medium brine through high brine fluids > 4000ppm tds
- Rapid hydration in aqueous solutions
- High molecular weight
- Contaminant tolerant
- Anionic/nonionic compatible

Lubricants

Greenwell's Quick Line™ of lubricants have the lowest coefficient of friction compared to other drilling fluids. Quick Line's nano-bead technology allows operators to reach the last plugs in the horizontal interval without sticking the coil tubing unit.

Quick Reel™

- High temperature (> 450°F) lubricant
- Nano technology specifically engineered for coil tubing
- Contains surfactant, corrosion inhibitor, gellant
- For aqueous fluids
- Reduces metal-on-metal friction and turbulent flow friction, eases sliding, manages weight on bit, reduces fatigue, increases cuttings removal, controls corrosion

QL-100

- Biodegradable, high temperature (> 350°F) pipe lubricant
- Reduces the coefficient of friction
- Suitable for OBM and WBM



GREENWELL
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Impacting Efficiency™

2000 B Edwards Street (713) 993-7772 Office
Houston, TX 77007 (713) 993-7762 Fax

www.greenwellsolutions.com