

Case Study May 2013



Beetle is an innovator in the fiberglass industry and has consistently

manufacturing methods and capabilities. Beetle creates unmatched enhanced FRP products including tanks for fracking services. Beetle is production oriented and offers expert services and quality assurance.

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Beetle is a competitive company driven by the pursuit of fiberglass excellence. We have the ability to match volume, supply and quality demands. Our product opportunities go far beyond the tank. For example, we can create a multitude of custom add-ons such as barbed flanges, fenders, dip tubes, rollover protection, man ways, and ladders—to name a few.

Smooth Finish Fiberglass Tanks for HCL Storage and Handling

Opportunity: Hawk, a tanker company located in Ardmore, OK needed a reliable single-source design build fiberglass company with precision capabilities and high quality production. Hawk requested custom fiberglass tanks that could be used in shale gas production specifically designed for handling and storing HCL and other corrosive media. Fiberglass was chosen to replace flake lined steel and tnemec lined/coated tanks, which have been susceptible to leaks presumably caused by twisting and flexing, bonding methods and thermal expansion.

Solution: Beetle manufactured 8' diameter (storage) and 54" diameter (transport) FRP tanks made with high quality vinyl ester resins designed to withstand corrosive services. Beetle's tank design and fabrication processes have evolved over the past 50 years and are in concert with the oil and gas industries specifications and aesthetic requirements. Furthermore, all of our products are designed for constructability and we will work with your to ensure that our tank will interface with your truck design requirements and service specifications.

Comments: Our ongoing relationship with Hawk has led to the development of an ultra-smooth finished tank that looks great—no more orange peel appearance. Our products have long life cycles, will withstand stringent corrosive environments and are cost-effective.

CAPABILITIES. CAPACITY. SOLUTIONS.