



# Weatherford

## Rod-Pumping Pile Systems

Delivering solid rod-pumping foundations that endure freeze-and-thaw cycles





# Eliminate foundation reset costs.

Frozen ground gives and takes from your rod-pumping systems. It gives you access to your equipment during the winter freeze. But as the frozen ground gives way to spring mud, the thawing soil shifts and robs your system of a solid foundation. These conditions not only leave heavy equipment listing and unable to produce, they also leave the area inaccessible to workover rigs and cranes.

Our pile systems deliver a foundation that's immune to freeze-and-thaw cycles. Using a powerful truck-driven hammer, we install large-diameter piles nearly 100 feet into the earth to ensure proper support and distribution of the pumping unit. We then attach the platform securely above ground level to provide rock-solid foundation for your pumping unit. This ensures that your rods and wellhead remain in precise alignment through years of freeze-thaw cycles.

Our fail-safe solution to uneven rod-lift foundations is more than an end to the inevitable spring thaw resets and the steep workover costs associated with it. By investing, on average, only 10 percent more than the cost of a standard gravel foundation, you can save months of lost production, protect against premature wear to your rods and stuffing box, and prevent damage to the pumping unit.

Our solutions support your rod-lift system with  
**.322 steel walls and 8 5/8-in.-diameter**  
hollow piles driven into the soil in 30-ft intervals

# The Weatherford pile system advantage

- 1. Reduce overall costs.** Many wells located above the frost line face foundation reset costs every spring. These workover costs average tens-of-thousands of dollars, which doesn't include the weeks or months of lost production. Our pile systems end reset expenses, maintain production, and save premature wear to your equipment.
- 2. Reduce transport weight.** Our pile systems require fewer transport trucks, which is a critical consideration for remote and early-spring-thaw roads. The pile trucks weigh less than those carrying slab foundation materials, and no dirt work means no heavy bulldozers are needed onsite.
- 3. More effective than augured piles.** Our powerful, truck-driven hammers install piles to a depth of nearly 100 feet. This process uses the natural compaction of the earth to create a rock-solid foundation. Augured systems disturb the soil immediately surrounding the pile, which can lead to minute shifts in the foundation and imprecise angles in your rod-lift system.
- 4. Single-source provider.** We deliver artificial-lift depth, breadth, and experience that are unmatched in the industry. Our technicians drive the piles, install the base, as well as provide, install, and service the entire rod-lift system.



## Depth, breadth, and experience.

We are the only oilfield services company to offer extensive solutions for all forms of artificial lift. We bring global expertise and an unparalleled depth of products to find the right solution for any well, anywhere in the world.

We are the only original equipment manufacturer to offer fully integrated rod-lift solutions, which include manufacturing, service, repair, and refurbishment. With a complete well-optimization package, from sucker rods to wellsite automation to data analysis, we can deliver a system designed specifically for your well, using the most advanced technology available.

Weatherford pile systems protect your rod-lift investment against the harsh conditions of the freeze-thaw cycle or unstable soggy ground. For more information, contact your Weatherford representative or email [po-info@weatherford.com](mailto:po-info@weatherford.com).



**Weatherford**

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