



OIL & GAS FOUNDATIONS

UPSTREAM | MIDSTREAM | DOWNSTREAM



An excellent choice for the oil and gas industry, Chance® helical foundation systems are designed, tested and proven for applications in expansive soils, high water tables, fill areas and other areas where unstable soils require piling. In less than ideal conditions - whether it be weak surface soil or frozen ground - Chance helical piles provide a simple, efficient and cost effective foundation solution that can be installed with standard hydraulic equipment and tested for predictable load capacity based on installation torque.

Able to bear loads of up to 120,000 pounds on each pile, Chance helical piles are ideal for a variety of oil & gas applications including pipe racks and supports, pump jacks, pump skids, separators, compressors, and dehydrators.

Whether you need to support new well sites, tanks or temporary buildings, Chance helical piles can be moved and reused if needed. Just back the piles out in reverse and move them with little soil disturbance, and no excavation or spoil removal.

When you select Chance helical piles for your next project, you will get the added benefit of the expertise and excellent service provided by a local distributor. When you have questions about local soil profiles, product selection, or engineering design, your local team of experts will provide quality product and unrivaled support. Find your local distributor: www.ChanceExpert.com/distributor

KEY BENEFITS:

- Immediate loading - no cure time
- Can ELIMINATE CONCRETE ENTIRELY
- Can resist axial/lateral/moment loading
- Sustainable solution - remove and reuse the foundation with minimal disturbance.
- Load capacity based on torque correlation
- Instant torque-to-capacity feedback for production control
- Easy to use in limited access sites, high water tables and weak surface soils
- Quick and easy installation using standard hydraulic equipment
- Installs in most weather conditions, even below freezing
- Screws into the ground with no excavation or spoil removal
- No vibration



PIPELINE ANCHORS

Stabilization of a pipeline is based on the shear strength of the soil and/or the over-burden pressure of the soil on the anchor. Chance® helical piles do not require the physical weight of the pipe or soil to overcome the buoyancy of a pipeline.

In water or mud, an empty pipeline with a diameter greater than 12 inches can push itself to the surface if it has not been anchored. Economics and engineering evaluations show that a helical pile is a predictable, measurable, and economical means for pipeline stabilization.

Chance helical piles can be installed in limited access sites and allows installation with smaller equipment such as a skid steer loader or small excavator.

Cost Savings

Pipeline piles offer significant cost savings in material, installation and transportation. A single anchor, weighing approximately 250 lbs, can replace 100,000 lbs. of dead weight thrust block concrete in a section of pipeline! The lower weight and volume make them easier to transport to remote jobsites, providing material transport cost savings.



Chance® The Certified Helical Pile™

Chance Civil Construction | 210 North Allen Street | Centralia, MO 65240

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