FreezeLITE Lightweight Freeze Fluid
A fast-acting barrier for zonal isolation

Freeze the well, not your budget
FreezeLITE lightweight freeze fluid from Wild Well delivers an environmentally friendly, low-cost alternative to conventional well kill operations. This pioneering, state-of-the-art process allows operators to freeze and isolate wellhead components, when hydrocarbons are present, for an indefinite period so critical repairs or equipment upgrades can be performed safely.

Why FreezeLITE?
- Completes job in hours, not days
- Uses nonhazardous formula safe for onshore or offshore applications
- Available anywhere in the world
- BSEE-approved process (used in Gulf of Mexico)
- Requires only 10 bbl for fluid displacement
- Qualifies as a mechanical barrier (verifiable by a differential pressure test)
- Saves operators hundreds of thousands of dollars compared to conventional well kills
- Reduces nonproductive time

Not Your Typical Freeze
Wild Well’s unique liquid nitrogen technique goes beyond the capabilities of traditional freeze jobs to provide a water-based fluid ideal for displacing hydrocarbon-based fluids by floating on top of them in the proposed freeze zone, making it possible to freeze the well. With a temperature below -321°F, FreezeLITE comes in contact with the outer wall of the outermost casing string and, through heat transfer, cools and eventually freezes the liquids in the wellbore.

This creates a solid ice plug that prevents fluids and gas from flowing so that work or replacement of the wellhead can be performed safely.
Lab Tested, Field Proven

FreezeLITE has a unique, low-density formula that produces more efficient isolation operations on wellhead equipment where hydrocarbons are present.

At times, this method presents the only option to establish a flow barrier if no direct method for vertical entry exists. With a sufficient supply of the Nitrogen on hand and the ability to monitor the freeze process accurately in real time, freeze plugs can be installed and maintained indefinitely in a safe and controlled manner.

Wild Well offers two freeze application systems around the world: Coil Line and Aluminum Canister Freeze. The application of these systems requires specific pre-job information and planning to identify the best possible method.

Contact Wild Well for more information about making a difference with FreezeLITE in your operations today.