



## Special Services Cryogenic Freeze



Freeze services are typically used to place a temporary barrier (ice plug) in a tubular or vessel in order to maintain pressure control while allowing for safe mechanical repairs to be addressed involving possible valve replacement and general pipe work modifications.

Wild Well's pipe freezing technology is unsurpassed in the industry. Through the utilization of liquid  $N_2$  and liquid  $CO_2$  along with state of the art temperature monitors, costly fluid kills no longer have to be performed and downtime is minimized. With a sufficient supply of the  $N_2$  or  $CO_2$  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 three freeze application systems: Flex Wrap, Coil Line and Aluminum Canister Freeze.

Specific pre-job information and planning to identify the method best suited is required.

- Presence of freezable fluids
- Condition and size of tubular or component
- Product needed for the freeze
- Time required to complete the freeze

### Features and Benefits

- Eliminates expensive kill fluids
- Cost efficient, providing reduced downtime
- Freezes can be held indefinitely
- Applicable for tubulars up to 36 in. diameter, valves, and wellhead components
- Systems are portable and lightweight