

Coiled-Tubing Services



Transforming Your Intervention

Equipped with a complete portfolio of coiled-tubing services; transforming wellbores and renewing production.

You value the advantages of coiled tubing over conventional rigs. Weatherford's coiledtubing services provide reduced costs, minimal downtime and the quick response that comes with highly experienced people working with the latest in technology. We have a singular commitment to the highest standards of safety, service and equipment. Our engineering support provides you with proper pre-job planning to ensure successful execution, and our post-job follow-up provides you with the standard of support you expect from a leading service provider.

Coiled-tubing services

Conventional small diameter: 1-1/4 in. to 2 in.

- Cleanouts
- Gas lifts
- Acidizing
 - Velocity strings
 - Well kill
 - Wellbore cleaning
 - Drilling/milling
 - Fishing
 - E-line logging
 - Sand jetting
 - Thru-tubing packers
- Underbalanced vertical deepening

Specialized large diameter: 2-3/8 in. to 3-1/2 in.

- Directional drilling
- Fracturing
- Underbalanced drilling
- Production ESP



A complement of coiled-tubing equipment arrives in Colombia along with a fleet of fracturing technology equipment. February 2010



Coiled-tubing and pumping services that save time, money and formations

We perform coiled-tubing operations in almost any working environment. We also provide fluidpumping services for testing and standalone nitrogen services for process plants and pipelines.

Fast turnaround is yours, with most coiled-tubing operations completed in one day or less. Realize time and cost savings with fast rig up and rig down, and reduce the need for tripping in and out of the hole. Our coiled-tubing services are about 30 percent faster than conventional drilling and service rigs.

Enhance downhole access using large-diameter pipe with high tensile strength. This provides a reliable conduit for downhole operations and expands your ability to use the broad range of Weatherford tools.

Reduce the risk of formation damage by avoiding fluid leak-off and fines migration with underbalanced drilling.

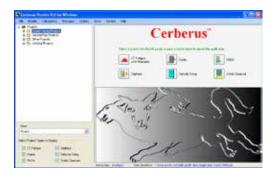


Equipment custom configured to your needs

Onshore or offshore, high pressure or low pressure, we have the latest coiled-tubing equipment that meets or exceeds API 16ST guidelines. And we can custom configure tools to fulfill your unique operational needs.

Advanced data acquisition enhances personnel safety, extends coiled-tubing life and reduces costs

Cerberus[™] modeling software monitors coiled-tubing fatigue, hydraulic pressures and downhole forces and limits. The Orion[™] data acquisition system measures coiled-tubing depth, speed, weight, wellhead pressure and tubing pressure.



All of this enhances safety, extends coiled-tubing life and reduces operational cost while preventing field failures and downtime. Real-time job monitoring enables changes on the fly to reduce coiled-tubing fatigue and help avoid bursting and collapse.

*Cerberus and Orion are registered trademarks of NOV CTES.





Coiled-tubing services from the industry leader in integrated services

Efficiency and economy are yours with Weatherford's single-source services. We know how to put everything together to give you superior performance.

Coiled-tubing drilling services

Weatherford gives you the benefit of drilling expertise and products that make well construction safer, reduce nonproductive time and enhance reservoir deliverability.

Coiled-tubing intervention services

Weatherford intervention services remediate wells with mechanical or formation problems and help prolong well life by extending production and reaching stranded oil and gas reserves.

Thru-tubing fishing and milling services include fish removal, underreaming, tubing cutting, window milling and drilling. We also provide thru-tubing casing exits and thru-tubing packers.



Offshore coiled-tubing equipment meets small footprint requirements.



A coiled-tubing drilling rig being constructed in Algeria.

Coiled-tubing services

Weatherford completion services provide extensive experience and a comprehensive portfolio of products for the most basic to the most complex completion challenges. Downhole control valves, gravel packs, packers, flow control systems, well screens and safety valves can all be deployed quickly and economically via coiled tubing.

Coiled-tubing production services

Weatherford production services maximize reservoir recovery and field production through our wide array of services, including artificial lift, production chemicals, production optimization, flow assurance and remedial services.



Weatherford's FracGuard® plug can be installed using coiled-tubing conveyance.





Nitrogen pipeline services

Weatherford offers standalone nitrogen services for pipeline testing as well as equipment and plant tests. Standalone nitrogen services can operate in most environments, which eliminates the need for additional equipment as environments change.



Nitrogen pump unit arrives in Colombia. February 2010





Weatherford, transforming your intervention

Find out how Weatherford's portfolio of coiled-tubing services transforms results into renewed value with single-source efficiency and economy. We are committed to the highest standards of safety, service and equipment performance. Contact your Weatherford representative to get more of what you're looking for in coiled-tubing services. Contact us at **weatherford.force.com/CPP** or visit us online **coil-tubing.com**.



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