Refracturing Services and Technologies

Improving reservoir access through refracture treatments
Increase production with the help of the experts.

Why choose refracturing? The answer is simple: When using existing perforations, you have the opportunity to enhance initial completions, which can increase your effective stimulated reservoir volume (SRV). In the case of new perforations, infill fracturing can also lead to a boost in SRV. Refracturing technologies and expertise from Weatherford—already being used to refracture 150 stages per month—can help you get the most out of your reservoir.

Weatherford ReFrac Framework

The proprietary Weatherford ReFrac Framework offers a quick, reliable, and consistent approach for refracture optimization. Our Framework is based on net present value (NPV) and is designed to increase the probability of successful refracturing. Our Petroleum Consulting advisors leverage a wealth of technical knowledge and expertise in refracture completions. Achieving the necessary balance between costs, time, and production requires accurate data and expert analysis for answering critical questions, for example:

- Is refracturing the best option?
- What is the best recompletion practice?
- How can we use this experience in making future development decisions?

We partner with you through the entire refracturing process—updating your reservoir model, candidate well selection, refracture design, refracture execution, and optimization—to find the right solution for your reservoir.

1,400 existing wells are refractured every year

Source: EPA, 2012
Weatherford ReFrac Framework

We increase the probability of successful refracturing and maximize value for you in multiple ways:

- Evaluate current well performance and identify your best candidate wells for refracturing
- Improve initial fracture designs
- Analyze operational viability and challenges, such as cementation and casing integrity
- Find opportunities for exploitation with a larger SRV, such as infill refracs

Refracture Completion Options

As part of your customized solution, Weatherford experts may recommend some of the following technologies:

- **TBlockSure™ Agent** self-degradable, temporary blocking agent used to temporarily block or divert fluid to plug or to seal existing perforations.
- **CT Frac Straddle** system used to achieve zonal isolation and enable many other refracturing procedures.
- **Inner String Recompletion** technology and procedures that can improve the integrity of your inner string and potentially save a well from abandonment.
- **CT Packers** coiled tubing solutions for a number of isolation applications.
- **Frac Sleeves** used to divert the fracturing treatment and isolate zones, which saves time and improves the efficiency of stimulating multiple zones.
- **Coil Shift Sleeves** that can be shifted open with annular flow to allow performing stimulation.
- **ReelFrac Packer**, a compression-set, coiled-tubing-conveyed system that enables multizone perforation, isolation, and fracturing during a single trip in the wellbore.
Weatherford refracturing services help you identify and solve refracturing challenges while maximizing the output of your reservoir. To learn more, contact us at consulting@weatherford.com