DeclineShift Well Reactivation Solutions
Boost cash flow from your mature field without the CAPEX of new wells

Applications
- Idle wells that have been shut in due to:
  - Integrity issues
  - Mechanical problems
  - Stuck debris or fish
  - Low production rates
  - High water cut
  - Solids buildup, such as scale, sand, and paraffins

Features and benefits
- Integrated technologies targeted for accelerated reactivation
  - Restore wellbore integrity
  - Ensure a clean wellbore
  - Boost effectiveness of remediation operations
  - Enhance production from the reservoir
  - Improve lifting efficiency
- Efficient execution for quick returns
  - Minimize disruption to existing operations
  - Accelerate payback from capital-efficient job design
- Prioritized focus on high-impact results
  - Deliver incremental contributions to field revenue
  - Increase reserves from existing well stock

Aging, mature wells are sometimes shut in due to blocked wellbores, well integrity concerns, high production of water, and/or unwanted solids, which can all result in uneconomical or unsafe conditions to continue production. Baker Hughes DeclineShift™ well reactivation solutions help to quickly transform idle wells into productive ones at a fraction of the cost of drilling and completing new wells.

Baker Hughes takes an individual approach, focusing on your objectives and drivers to provide the most efficient and cost-effective solution. Depending on the initial well conditions and historical performance, we prioritize high-value activities and design the optimum solution to produce the remaining reserves with accelerated ROI.

Restore integrity
Revisiting an idle well that has been shut in due to integrity concerns can lead to restored profitability if done correctly. Baker Hughes helps accurately identify and repair areas of integrity loss along the wellbore, such as patching corroded pipe or recementing casing, so you can transform wells back to a productive state, while ensuring safety and environmental compliance.

Clean and remediate the well
Once integrity is restored, we can help remove any debris and obstructions that might be blocking production flow, such as a fish stuck downhole. Or, diagnostics might show that your well is suffering from formation damage, and that remediation is needed. We can remediate formation damage in
the near-wellbore area by applying chemical treatment or performing a mechanical intervention that is specifically chosen to fit your well’s design and that focuses on sustainable impact.

**Enhance production from the reservoir**

The economics of reactivating a well highly depends on technically and operationally achievable productivity. With our broad portfolio of production enhancement technologies, Baker Hughes can evaluate the best solutions to increase reservoir connectivity and conductivity. Sand, water, and deposition such as scale and asphaltenes can also cause wells to become uneconomical to sustain production. Baker Hughes provides solutions to combat these issues, thus minimizing unwanted production and increasing overall well performance.

**Improve lifting efficiencies**

Sometimes, artificial lift technologies can be the answer when wells are no longer producing on their own. Our advanced electrical submersible pump (ESP) systems and tailored lifting solutions can help regain production volume and prolong your equipment life, maximizing both immediate and long-term value.

There are other scenarios when diagnostics might confirm that remaining reserves are not sufficient to justify additional spend, leaving plug and abandonment (P&A) as the most reasonable option. In these cases, Baker Hughes can plan and execute safe and efficient abandonment of the well, drawing on an integrated portfolio of technologies and experienced people dedicated to P&A operations.

During the execution phase, we coordinate all services, including those from third-party suppliers, and can manage the entire project if necessary. Baker Hughes also offers flexible commercial models to align with different operators’ business objectives and operational needs. And, after a DeclineShift solution has been executed, we track results, weighing actual production and performance improvements against the projected outcomes to ensure the rapid adoption of the most successful practices—further driving capital efficiency and returns on future projects.

Because each well reactivation solution is engineered in a precise manner, most require only a small wellsite footprint and can be designed to address multiple challenges in a single operation to minimize production disruptions. This helps accelerate payback and grow the present value of cash flows.

Visit [BakerHughes.com/DeclineShift](http://BakerHughes.com/DeclineShift) to learn how reactivating idle wells can help improve the production output and overall efficiency of your well stock, maximizing the returns of your mature field.