

Intervention Services

A collaborative approach to optimizing operations throughout the life cycle of your well



Intervention Services

CONSTRUCT

DEVELOP

PLATEAU PRODUCE

DECLINE PRODUCE

ABANDON

DECOMMISSION

WELL-INTEGRITY ASSURANCE SERVICES

WELLBORE RECOVERY SERVICES

DECLINE MANAGEMENT SERVICES

WELL ABANDONMENT SERVICES

The Development Stage

Strategies for efficient intervention begin before the drill bit enters the ground.

We offer a consultative approach to intervention services and upfront design that incorporates our in-house expertise in the technical disciplines of geophysics, geology, geomechanics, reservoir engineering and petrophysics.

To maximize reservoir exposure,

we offer in-depth consulting and design services and multilateral junction technology for enhanced wellbore access to the reservoir for optimal long-term production.

We overcome your drilling obstacles, such as wellbore obstructions or casing collapse, to reach the target depth as efficiently and safely as possible with our **wellbore recovery services**, including fishing, milling and sidetracking.

The Production Stage

To ensure optimal production and reserves recovery from each well, we offer a suite of intervention innovations. In the area of **wellbore recovery**, we work closely with you to identify obstructions, such as scale, that lead to reduced production rates. Then, we deploy one of various fishing, milling and sidetracking services to remediate obstructions and bring production rates back to the desired level.

In the area of **well-integrity assurance**, we take a step-wise, collaborative approach with you to identify and solve well-integrity challenges as early as possible, before they escalate to more serious and costly problems. This includes a thorough risk assessment, which incorporates well-construction activities, intervention equipment and rig day rates and activity-related hazards. With this information, we help you develop a well-integrity plan that identifies potential integrity threats at each stage of the **well's life cycle**. This plan also ensures that the readiness of proper evaluation and execution services, including cased-hole corrosion monitoring and evaluation, thru-tubing deployed velocity strings, plugs, straddles and cementing operations.

Late Life and Abandonment

Increased public awareness and tighter regulations are pushing service companies to develop more robust, safe and environmentally sound technologies and processes for both late-life intervention and end-of-life plug-and-abandonment (P&A) operations.

Our **decline management services** provide consultative evaluation, design and planning expertise, coupled with intervention technologies and a wide array of artificial lift services, to remediate well problems, extend mature well production and reduce cessation of production (CoP) for as long as possible.

Globally, an estimated 20,000 idle wells have been identified for abandonment, with 60 percent in the Gulf of Mexico alone and a growing number in the North Sea, Asia Pacific and Sub-Saharan Africa. Our **well abandonment services** help you conduct P&A operations as efficiently as possible the first time, thus avoiding cost overruns and abandoned well re-entry to plug leaks.

We employ highly trained well abandonment specialists who ensure safe, efficient, environmentally sound functions over the entire P&A operation. We have also developed a suite of tools specifically designed for well abandonment activities. These include new underreaming and cutting technologies, capable of recovering multiple casing strings in a single trip, and rigless hydraulic pulling and jacking units that improve safety and put you weeks ahead of schedule in P&A operations.

Whether a well is first coming online or ending its productive life, it requires periodic servicing to help **maximize recovery**, maintain **well integrity** and ensure **safe** and **environmentally compliant operations**.

Weatherford has a comprehensive portfolio of well technologies and services to address operational inefficiencies at each stage of the asset life cycle.

We work closely with you to develop the right intervention solution that is customized for the long-term needs of your well—and your field as a whole.

A comprehensive portfolio of well technologies and services

Well-Integrity Assurance Services

Wellbore Recovery Services

Decline Management Services

Well Abandonment Services





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