Integrated Well Abandonment: Plan Smarter in the North Sea
INTEGRATED WELL ABANDONMENT
PLAN SMARTER IN THE NORTH SEA

You planned your wells long before you started drilling. Plan their abandonment with the same forethought.

The well abandonment process may seem like a simple series of discrete services, but in the complex and highly regulated North Sea oil and gas fields, planning and integration save time and help you manage risks and costs.

The experienced project management team at Schlumberger works with you to optimize job designs, eliminate costly delays and duplication, and select technologies to deliver efficient and effective operations.

Our broad technology portfolio and expertise in North Sea operations and regulations enable us to deliver and manage truly turnkey projects through a single contract with one familiar point of contact.
LIVE Digital Slickline Service Cuts Integrated P&A Time in Half

Case Study

Challenge
Recover plugs, punch tubing, perforate tubing, and run a clean chemical cutter during abandonment operations in two wells with limited space for equipment.

Solution
LIVE\textsuperscript{*} digital slickline services.

Results
Reduced operating time to 50\% of the original plan by eliminating the need for a separate wireline unit and the time normally spent to switch back and forth between units.

Single-Run Milling Saves 3.5 Days on Integrated P&A

Case Study

Challenge
Speed up section milling and underreaming while enabling a compliant, rock-to-rock abandonment cement plug.

Solution
\begin{itemize}
  \item ProMILL\textsuperscript{*} trip-saving milling and underreaming system with performance and conventional inserts.
  \item WELL COMMANDER\textsuperscript{*} ball-activated drilling circulating valve from M-I SWACO, a Schlumberger company.
\end{itemize}

Results
\begin{itemize}
  \item Improved ROP by 50\% compared with average ROP of operator’s previous P&A milling operations in the field.
  \item Saved 3.5 rig days and USD 600,000.
\end{itemize}
A SIX-STEP APPROACH
PLAN FOR COMPLIANCE

Manage risk and costs from initial well assessments to final verification and documentation.

Effective abandonment involves a number of specialized workflows that help you manage each well plan as well as the alignment with a broader campaign strategy.

With Schlumberger integrating and managing the entire process, documentation is standardized and a continuous chain of custody maintained throughout the process. Our work helps you demonstrate compliance and gain long-term peace of mind.

01 APPRAISE
Assess value and liabilities

02 ENGINEER
Streamline job design

03 ACCESS
Deliver safe well access

04 PREPARE
Prepare with precision

05 ISOLATE
Prevent flow over the long term

06 VERIFY
Confirm isolation and barrier integrity
A GREAT FINISH STARTS HERE

It is never too early to start planning for the best well outcome. Talk to Schlumberger today about Integrated Well Abandonment and seal each well with confidence.