Successful decommissioning is defined before commitment.

Plan with certainty. Deliver with discipline. Retire with confidence.

Fluids Handling & Completion Recovery

Prepare for isolation

Effective well decommissioning depends on known, stable well conditions and access to the intervals requiring permanent isolation. In late-life wells, degraded fluids, and legacy completions can increase risk, restrict access and compromise barrier execution.

Fluids Handling & Completion Recovery prepares wells for permanent abandonment by establishing known well conditions, managing well and annulus fluids and recovering completion components. This creates the foundation for safe, predictable and standards-aligned barrier execution.

The challenge

Late-life and end-of-life wells frequently present uncertainty around fluid conditions, pressure behavior, and access to critical isolation intervals, including:

- Uncertain well and annulus conditions
- Legacy completions restricting access and intervention
- Pressure uncertainty and trapped hydrocarbons
- Limited circulation paths and displacement efficiency
- Regulatory and environmental requirements associated with fluid management

Without effective fluids management and completion recovery, operators can face increased contingency, barrier re-work, extended rig time and migration to higher-complexity execution pathways.

Establishing stable well conditions before barrier installation is critical to predictable decommissioning outcomes.

The solution

Fluids Handling & Completion Recovery provides a controlled approach to preparing wells for permanent isolation. By integrating fluid management, completion recovery and disciplined execution planning, Expro helps operators establish stable conditions, access critical isolation intervals and reduce re-work during barrier operations.

This approach helps operators:

- Establish known, stable well and annulus conditions
- Displace completion contents and manage annulus fluids
- Enable access to critical reservoir and zonal isolation intervals
- Improve confidence in barrier design and placement

Fluids Handling & Completion Recovery in Action

Expro supports fluids handling and completion recovery across land, platform and MODU operations, working alongside diagnostic surveillance, well access and barrier assurance activities within integrated decommissioning campaigns. Solutions are aligned to well conditions, decommissioning objectives, and regulatory requirements to help maintain control of cost, schedule, and risk.

Key capabilities

- Well and annulus fluid conditioning and displacement
- Completion fluid displacement
- Controlled well kill and circulation operations
- Completion recovery to enable diagnostics and barrier placement
- Integrated fluid management support throughout decommissioning campaigns

Where Fluids Handling & Completion Recovery adds value

Phase 0 – Certainty before commitment
Establish known well conditions and support evidence-led decision-making.

Phase 1 – Reservoir isolation
Prepare the well for assured and permanent reservoir isolation

Phase 2 – Zonal isolation
Enable stable conditions for intermediate zonal isolation

Outcomes

- Known and stable well and annulus conditions
- Reduced uncertainty ahead of barrier operations
- Improved safety and environmental control
- Reduced re-work and contingency exposure
- Predictable, standards-aligned decommissioning execution

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