

Innovative abandonment solution increases efficiency and minimizes risk

CHALLENGES

An Australian operator launched a critical well abandonment campaign across a significant number of wells.

- Casing was partially cemented across barrier depths, making conventional methods too time-consuming (72+ hours)
- Required a solution that would be effective using the existing lightweight rigs

SOLUTION

The [X-treme™ SJI™ mechanical slotting tool](#), an explosives-free, single-trip, hydro-mechanical P&A tool, was deployed to streamline casing slotting, annular cleaning, and cement placement.

It eliminated the need for casing retrieval, significantly reducing time and handling risks.

This technology is part of a comprehensive P&A offering from Baker Hughes, all designed to provide safer, faster, and more efficient operations.

RESULTS

- Achieved full abandonment with an average of 18 hours per well
- Delivered a 100% success rate across six wells
- Cemented four wells with complete annular cleaning
- Eliminated the need to pull casing or use explosives
- Operated seamlessly with the lightweight rigs
- Reduced HSE risk and minimized operational footprint

