



Geothermal

Lifecycle well services



Delivering geothermal well excellence for over 40 years



Geothermal is becoming a mainstream energy source, driven by innovation and growing demand. Since 1986, Expro has partnered with clients globally to deliver successful geothermal projects across the entire well lifecycle.

With over 85 years of energy heritage and industry-leading technologies, we provide cost-effective solutions that ensure your geothermal project is delivered with integrity and confidence.

- Calum Watson
Global Geothermal Expert, Expro



NAVIGATION

Delivering geothermal well excellence for over 40 years

Unique expertise for every stage of your geothermal well

Unique solutions for your geothermal wells

Long term integrity for geothermal wells

Unique solutions for your geothermal wells

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Coretrax, well construction, and well intervention

Well flow management/
Production solutions/
Direct lithium extraction

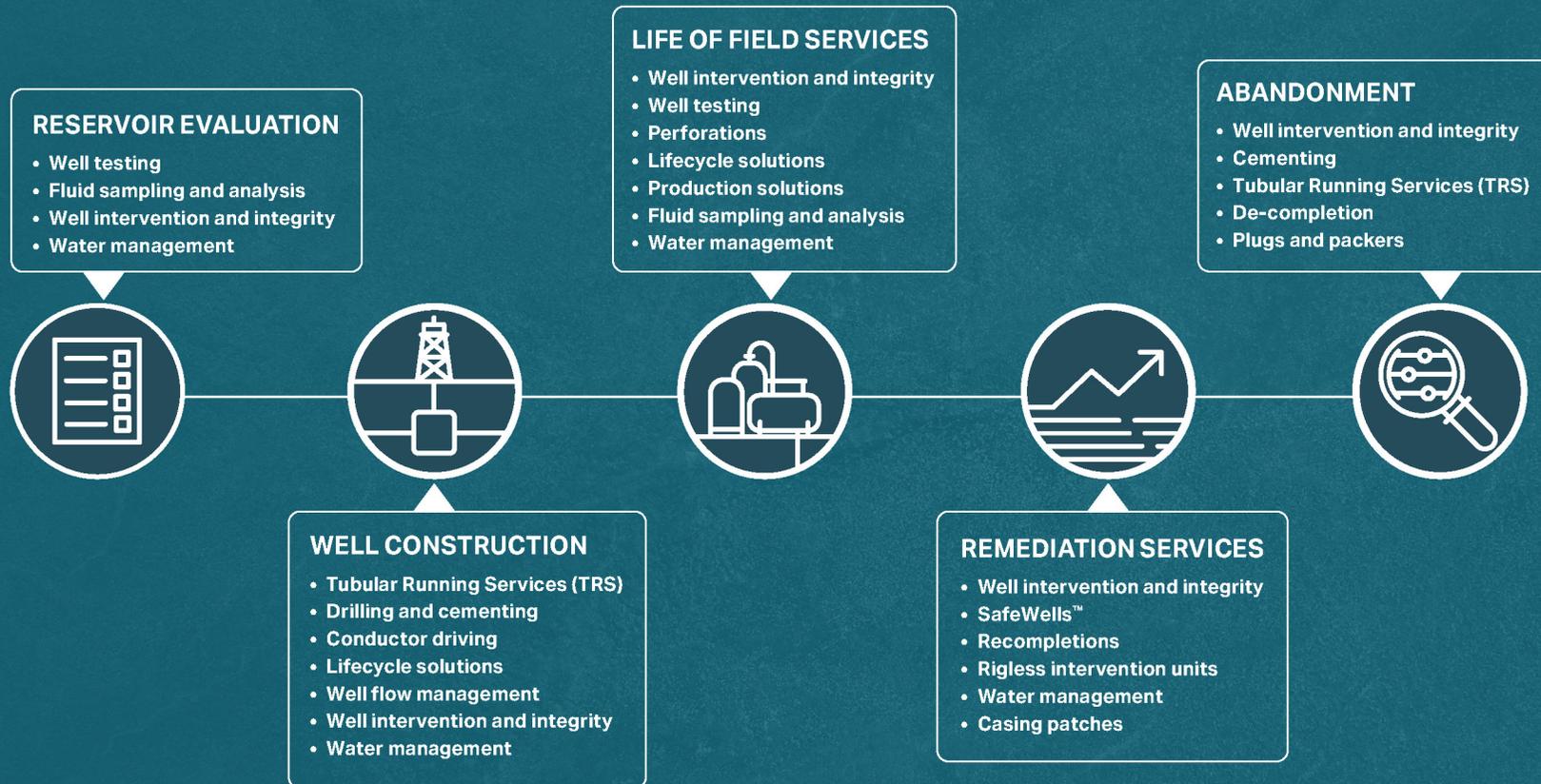
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Click on icons for more



Exploration and Appraisal

Field Development

Production

Field Optimization and Workover

Well Decommissioning



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Unique solutions for your geothermal wells

Click on challenge to reveal Expro solution

Reservoir appraisal and characterization

The Challenge

Effective testing of geothermal reservoirs

Reservoir fluid management

Reducing reservoir uncertainties

Expro Solution

Design, management and operations for all well testing, production and injection tests. ✕

Optimized test selection supported by surface injection and artificial lift design to accurately control and measure fluids with solids management and water treatment. ✕

Fluid sampling and onsite analysis combined with intervention solutions to provide accurate insights for development planning. ✕

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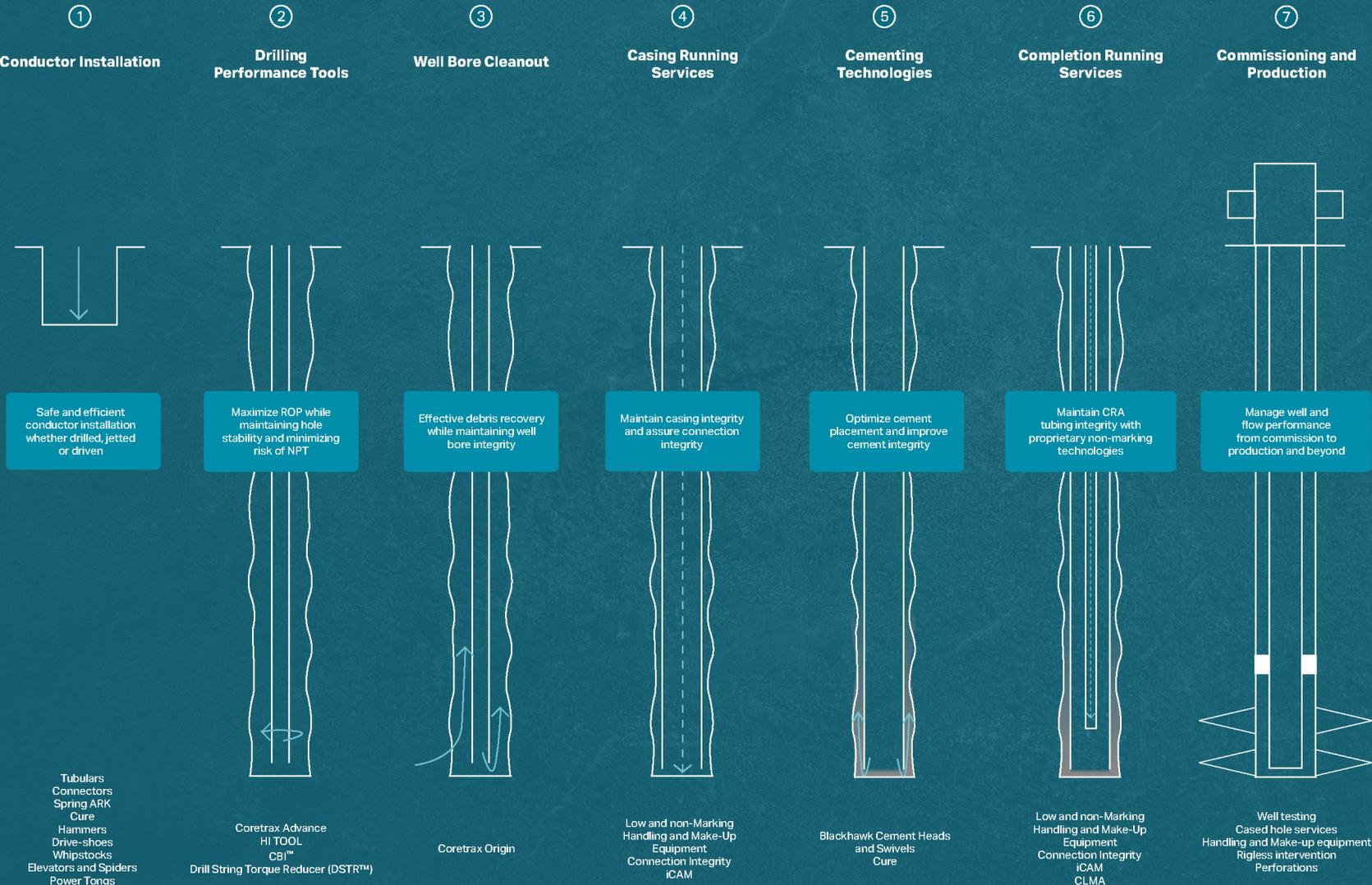


Long term integrity for geothermal wells

Engineered for integrity. Built for life.

Long-term integrity starts with robust well construction and depends on precise execution. For geothermal wells built to last, integrity is essential. Expro brings the expertise and technologies to de-risk your geothermal wells across their entire lifecycle.

Click on each stage to reveal well construction solutions



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Production and life of field services

The Challenge

Effective scale management and remediation

Effective water management and treatment

Mineral extraction including Direct Lithium Extraction (DLE)

Expro Solution

Broad range of well intervention services to efficiently manage scale build-up and reinstate production efficiency. ✕

To optimize flow and enable effective treatment plans. ✕

Sample collection and compositional analysis of brines to enable design and implementation of mineral extraction facilities. DLE capabilities through partnerships. ✕

Field optimization and workover

The Challenge

Efficient well workovers

Risks associated with well integrity and uncertainties

Managing well and injection performance

Expro Solution

Tubular running and well intervention services with rigless intervention to efficiently rerun ESP's, manage integrity challenges and reinstate well integrity. ✕

A range of leading intervention systems to collect, analyze and report data for complete well integrity evaluation. ✕

A range of flow measurement, well intervention and integrity services to control and optimize operations. ✕

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Well decommissioning and repurposing

The Challenge

Effective reservoir isolation

Expro Solution

Range of barrier placement, assurance, zonal isolation solutions and integrity diagnostics to safeguard against cross-flow in repurposed geothermal wells. Advanced diagnostics and targeted remediation solutions to identify, isolate and permanently secure zones. ✕

Remediating degraded or poor-condition tubulars for geothermal production or injection

Tubular condition diagnostics, integrity restoration with expandable patches, workover solutions and completion re-instatement. ✕

Maintaining optimal production or injectivity from geothermal zones

Diagnostic surveillance and targeted interventions to maximize and maintain stable injectivity/production rates. ✕

Data, digital and digitalization services

The Challenge

Remote data transmission and analysis

Data to Desk enables real-time data sharing via web browser for fast, informed decision-making. Support from Expro's Global Data Analysis Centres provides rapid, expert-led data interpretation to support timely operational decisions. ✕

Data processing and multiple data set visualisation

eXtract delivers on-site processing to generate multiple outputs for visualization, reporting and integrity monitoring. QikView integrates DTS and DAS data with conventional well logs and operational data for efficient interpretation and diagnosis. ✕

Well integrity data management and activity planning

SafeWells provides a single, configurable well integrity overview aligned to regulatory requirements, highlighting risks and integrity challenges quickly. ✕

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Coretrax

Coretrax delivers advanced, innovative technologies designed to unlock greater value throughout the entire geothermal well lifecycle, even in challenging ultra-high temperatures. With comprehensive support, we help to drive efficiencies across every stage of your operations, from drilling and wellbore clean-up, to intervention and well decommissioning.

Discover more

Well Construction

Our technologies deliver long-term integrity for geothermal wells. Expro's services ensure well integrity throughout the drilling and completion phases to extend the life of geothermal assets.

Discover more



Well Intervention and Integrity

Expro's focus is operational efficiency, providing high-quality well data paired with expert insights. Through our comprehensive portfolio we deliver fit-for-purpose solutions for well performance enhancement and well integrity remediation.

We leverage our expertise and cutting-edge technologies to support your operations at every stage of the well.

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Well Flow Management

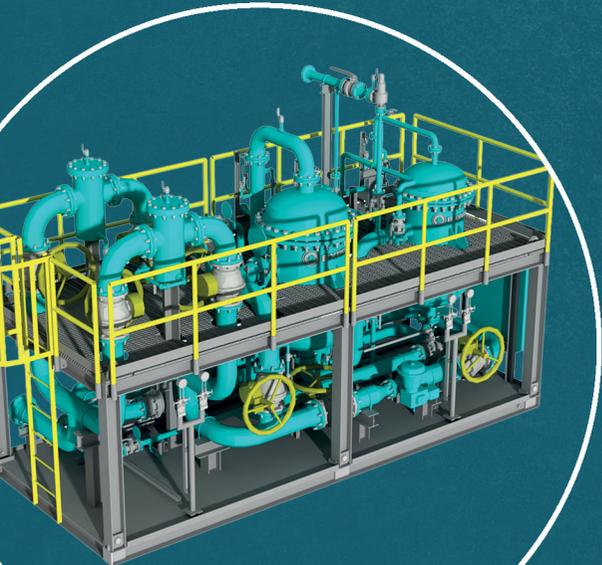
The industry leader in well flow management solutions, Expro supports operations across the well lifecycle offering a complete range of mobile systems and specialist services. We provide the data you need safely and efficiently, and characterize your geothermal resource to reduce reservoir uncertainties and streamline project developments.

[Discover more](#)

Production Solutions

Expro specializes in supplying tailored solutions that deliver efficiency, sustainability, and profitability in the energy sector. We deliver early production facilities and production optimization solutions that ensure you achieve your asset goals at every stage of your operational lifecycle.

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Direct Lithium Extraction

Expro applies decades of expertise in well services and water management to support the extraction of critical minerals, such as lithium, from produced brines and wastewater. By adapting proven technologies and processes we help operators evaluate, quantify and produce mineral resources.

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Click on map for more

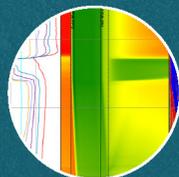
● Geothermal Experience ● Case Studies



Expro provides fit-for-purpose well test solution to geothermal developer partner



Rigless workover improves efficiency and lowers cost for geothermal well



Precision injection: How Distributed Fiber Optic Sensing (DFOS) revealed flow dynamics



Expro provides customized TRS solution for high profile geothermal well test

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Over 85 years of energy excellence. Over 40 years of geothermal experience.

Expro is your strategic partner for geothermal success. With trusted expertise and proven technologies, we deliver efficient, cost-effective solutions across your entire geothermal well journey.

From reservoir exploration to well abandonment, rely on Expro to realize your geothermal ambitions with confidence.



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