



# WIRELINE SERVICES

## ACHIEVE YOUR GOALS AND MORE WITH A FULL PORTFOLIO

Weatherford offers a full portfolio of wireline solutions so that you can gain insight into any formation, anywhere. From early field exploration to plug and abandonment, we deliver actionable data regardless of downhole conditions.

Our openhole and cased-hole technologies operate in real-time or memory mode to obtain the information you need. Using these proprietary technologies and conveyance systems, we can help you to assess productivity, diagnose downhole issues, design an efficient completion, and inform field development and production or asset management systems.

Our Reservoir Intelligence Network draws from this portfolio to create purpose-built solutions for conventional, unconventional, offshore, or heavy oil during any stage. At the well level, we optimize capital efficiency, with a focus on completion and production operations. At the field level, we provide reservoir solutions for specific challenges, from greenfields to brownfields.

## WIRELINE OVERVIEW

- **Reservoir Intelligence Network** creates effective solutions using data-driven, multidisciplinary analysis.
- **Openhole technologies** determine asset value and set the stage for efficient production.
- **Cased-hole technologies** evaluate and diagnose downhole issues.
- **Conveyance systems** obtain a full spectrum of logs, even in complex wellbores.

### DETECTED BEHIND-CASING RESERVES TO ENABLE ACHIEVING 4x HIGHER PRODUCTION

Raptor® System  
Offshore Italy

### ACQUIRED FLUID SAMPLES DESPITE 3.3-IN. BOREHOLE, SAVED 24 HOURS OF RIG TIME

Compact™ Formation Tester  
Onshore Thailand

### SAVED \$120 MILLION IN OUT-OF-SERVICE COSTS WHEN RESTORING INTEGRITY

SecureView® Service  
Onshore United Kingdom

## OPENHOLE WIRELINE

By gathering valuable information, our openhole wireline solutions guide the drilling, completion, stimulation, and production decisions that ultimately help you to optimize reservoir performance.

**Petrophysical services**—comprising resistivity, nuclear density, and nuclear porosity—assess formation properties, bed thickness, lithologies, porosity, fluid type, as well as water and hydrocarbon saturation.

**Advanced petrophysical services**—including the slimmest geochemical spectrometer and focused nuclear magnetic services—provide broad answers on lithology, mineralogy, porosity, density, fluid typing, and more.

**Acoustic logging services**—featuring the cross-dipole sonic—provide anisotropy, permeability, fracture identification, depth/time conversion, and rock geomechanics as pore pressure and wellbore stability.

**Geological services**—including a microimager and oil-based imager—provide high-resolution data to evaluate faults, fractures, thin beds, dip angles, rock type, and rock quality.

**Fluid characterization and sampling services** use an advanced formation-testing platform and innovative PVT sampler to acquire pressures, determine fluid properties, and take samples in holes from 3 7/8- to 12 1/4-in.

**Geophysical services**—including vertical seismic profile, multiple offset surveys, and walkaway surveys that use multiple-level array tools—acquire and process borehole seismic data.

## CASED-HOLE WIRELINE

Our cased-hole wireline solutions provide data that identifies your downhole issues, pinpoints bypassed production, and gives a hyper-accurate well-integrity assessment that helps to maximize asset recovery.

**Production logging** with standard and array measurements helps to evaluate flow behavior and identify performance issues in producing wells.

**Formation evaluation services**, including the industry-leading Raptor 2.0 system, provide accurate and detailed through-casing reservoir data.

**Well integrity evaluation** use the comprehensive SecureView measurement platform to diagnose threats to casing and cement integrity.

**Perforating services** deliver first hydrocarbon contact or enhanced production, even in extreme conditions.

**Mechanical and plugback services** isolate the wellbore during completion and workover operations.

**Pipe recovery experts** efficiently cut and free stuck tubulars to keep drilling, production, and workover operations on track.



### Conveyance Systems

Combined with our comprehensive array of memory-capable wireline tools, Assure™ wireline conveyance systems help you to achieve a complete formation analysis while mitigating risks in complex trajectories.

### Surface Equipment

From lightweight helicopter-skid packages to arctic-grade equipment, we design and install a customized array of logging units, pressure-control equipment, and data-acquisition systems.

### Digital Technology

Weatherford implements the latest digital technologies for data science analysis to make timely decisions.

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