## GENERATING MORE ENERGY WITH LESS

Weatherford helps you to make the best use of your resources. By bringing our own innovative and energetic spirit to your operations, we help you to get more out than what you put in. It is our mission for every operation—from evaluating, to drilling, constructing, completing, and producing—to deliver more value than the last.

## SOLVING KEY CUSTOMER CHALLENGES

We offer a formidable portfolio of distinctive technologies and services to address the industry's biggest challenges for maximum profitability. By combining our offerings, we create unique solution sets that empower you in a wide range of applications, including mature fields, unconventionals, deep water, heavy oil, geothermal wells, gas-storage wells, and more.

# **SAFETY AND SERVICE QUALITY**STRIVING FOR FLAWLESS EXECUTION

Our commitment to safety and service quality is embedded into every level of our organization. Our Operational Excellence and Performance System (OEPS), which meets criteria outlined by national and international management system standards, supports our employees in the field and enables us to deliver on our customer commitments without sacrificing quality, health and safety, security, or environmental performance.



+ OPTIMIZED SOLUTIONS

TECHNOLOGIES AND SERVICES TO OPTIMIZE CONSTRUCTION, MAXIMIZE PRODUCTION AND MAINTAIN WELL INTEGRITY FOR A LIFETIME

## FORMATION EVALUATION

Reduce reservoir uncertainty

#### **Logging While Drilling**

Extreme-Temp Triple Combo Logging Azimuthal Acoustic Logging Azimuthal Resistivity Logging Spectral Gamma Ray Logging Electrical Borehole Imaging Ultrasonic Borehole Imaging Pressure Testing Well Placement Services Interpretation and Evaluation Services

#### **Wireline Services**

Openhole Wireline Cased-Hole Wireline Borehole Seismic Services Wireline Conveyance Wireline Surface Equipment Slimline Logging Services

#### **Testing and Production Services**

Surface Well Testing Drillstem Testing Flow Measurement

## **DRILLING**

Reach your drilling targets and construct with integrity

#### Fluid Systems and Drilling Waste Management

Fluid Systems

- Drilling Fluid System
- Completion Fluid System
- · Recyclable Fluid System Drilling Waste Management

## **Drilling Services**

Logging While Drilling Measurement While Drilling Rotary Steerable Systems Directional Drilling Borehole Enlargement Drilling with Casing/Liner

#### **Managed Pressure Drilling**

Intelligent MPD System Automated MPD System Underbalanced Drilling Pressurized Mud-Cap Drilling Air Drilling Managed Pressure Cementing Engineering and Consulting

#### **Rental Tools and Services**

Tubulars and Handling Tools Drilling Tool Accessories Impact Tools Borehole Enlargement Machine Shop and Inspection Services

#### **Pressure Control**

Wellheads **Blowout Preventers** Rotating Control Devices Downhole Deployment Valves Pressure Control Systems Critical Well Control Support

#### **Liner Systems**

Integrated Systems Liner Hangers Liner Packers Running Tools and Accessories Tieback Equipment Cement Displacement Tools

#### Cementing

Cementing Wiper Plugs and Darts Cementing Rental Tools Centralizers Float Equipment Stage Cementing Tools Integrated Systems Pumping Services

#### **Pump and Fluid Systems**

Horizontal Multiplex Pumps Progressing Cavity Pumps Triplex Pumps

#### **Real-Time Data Services**

## **COMPLETIONS**

Set the stage for reliable, prolific production

## **Safety Systems**

Tubing Retrievable Wireline Retrievable

## **Production Packers**

Sealbore Multi-String Single-String Hydrostatic Service Tools RFID-Enabled Systems

#### **Reservoir Monitoring**

Pressure and Temperature Monitoring Fiber-Optic and Electric/Quartz Pressure and Temperature Monitoring Thermal Monitoring Flow Monitoring Surface Instrumentation Data Visualization Software

#### **Pressure Pumping Services**

Hydraulic Fracturing Sand Control and Gravel Pack Pumping Cementing Services Coiled Tubing Sand-Conglomeration Services Acidizing Services Proppant Transport and Suspension Fluid Diverting Agent and Stimulation Enhancer

#### Flow Control

Sliding Sleeves Conventional and Premium Landing Nipples and Plugs **Tubing Testing Tools** Retrievable Gauge Hanger Systems Flow-Control Injection Valves and Backpressure Valves

#### **Isolation Barrier Valves**

Bidirectional Fluid Loss Formation Saver Injection Saver **RFID-Enabled Barrier** 

#### **Multistage Fracturing**

Composite Plugs Stimulation Sleeves Openhole Isolation Stimulation Services Toe Sleeves and Wet Shoe Subs Dissolvable Frac Balls

## **Openhole Isolation Packers**

Cup-Seal Swellable Hydraulic/Hydrostatic

#### **Sand Control**

Conventional Well Screens Expandable Sand Control Gravel Pack Systems Inflow Control Devices Openhole Packers Reservoir Isolation Specialty Screens

#### **Cased-Hole Wireline**

Perforating Services Borehole Seismic Services

#### **Completions Well Services**

Thru-Tubing Intervention Thru-Tubing Sand Control Safety Valve Rejuvenation Remedial Production Enhancement Conveyance Methods

## **PRODUCTION**

Boost efficiency with fieldwide production optimization

#### **Artificial Lift**

Capillary Injection Systems

- Capillary Units
- Downhole Injection Valves
- Externally Banded Capillary
- Injector Heads
- Pumping Systems

Electric Submersible Pumping Systems

- Downhole Components
- Sizing Software

## Gas-Lift Systems

- Specialty Systems
- Valves
- Mandrels
- · Downhole Injection Systems
- Latches
- Kickover Tools
- Accessories

Horizontal Pumping Systems

- · Surface Units
- Jet Pump
- Subsurface Pumps
- Surface Units
- Centrifugal Jet Pumps

## Plunger Lift

- Bumper Springs
- Lubricators
- Plungers

Progressing Cavity Pumping

- Design Services
- Downhole Sensors
- Prime Movers
- Pumps
- Surface Equipment
- Torque Rods

## Reciprocating Rod Lift

- Prime Movers
- · Conventional Pumping Units
- Long-Stroke Pumping Units
- Pumping Unit Services

- Surface Unit Condition Monitoring
- Rod Rotators
- Subsurface Rod Pumps Sucker Rods
- Sucker Rod Guides Continuous Rod

#### **Automation**

Edge Controllers Variable Speed Drives Lift Controllers Emergency Shutdown Facilities Monitoring Power Optimization Well Testing

## **Production Optimization Software**

Lift Optimization Asset Optimization Well Modeling Surface Network Modeling Surface Network Optimization Reservoir Modeling and Monitoring Optimization on the Cloud

#### IoT / SCADA Software

Upstream Monitoring and Control Midstream Monitoring and Control Measurements and Processing SCADA on the Cloud

#### **Flow Measurement**

Electronic Flow Measurement Gas Flow Measurement Multiphase Flowmeters Subsea Water-Cut Meters Surface Water-Cut Meters

## INTERVENTION AND **ABANDONMENT**

Extend the productive life of any asset

#### **Fishing Services**

Openhole Fishing Cased-Hole Fishing Milling and Washover Casing Repair Impact Tools Heavy-Duty Wireline Fishing

## **Wellbore Cleaning Services**

Mechanical Chemical Filtration

#### **Re-Entry Services**

Openhole Systems Cased-Hole Systems Multilateral Systems

#### **Well Abandonment Services**

Slot Recovery Subsea Abandonment Rock-to-Rock Barriers Jacking Services P&A Mechanical Cementing Packages Conductor Removal Pulling and Jacking Units Rigless Solutions

## **Casing Repair and Zonal Isolation**

Expandable Cased-Hole Liner Casing Patch

#### **Cased-Hole Wireline**

Mechanical and Plugback Services Perforation Pipe Recovery Slickline Services Heavy-Duty Wireline Fishing

## **TUBULAR RUNNING SERVICES**

Enhance safety and efficiency during tubular operations anywhere

## **Automated Connection Integrity**

#### **Traditional Systems**

Tubular Management

- Bucking Systems Offline Makeup Facility
- Mechanized Rig Systems Rig Integration
- Top-Drive Casing Running and Drilling Completion Running
- Riser Running
- Positioning Systems Conventional Rig Services
- Torque Monitoring
- Handling Equipment
- Power Tongs

## **Drilling with Casing**

Directional Drilling with Casing