Halliburton is committed to reliability, flawless execution at the wellhead, and the lowest total operating cost.

CHALLENGES

For **unconventional wells:**

» Rapid decline rate

» Sand and proppant abrasive handling

» Gas mitigation for improved drawdown

For **mature fields:**

» Power efficiency

» Equipment downtime

» System run life
Halliburton continues to use proven technology to guide the development of efficient wide-range pumps, tougher motors, and superior gas mitigation products. These technologies, combined with our service delivery process, help to meet the challenges of today’s unconventional and mature fields.

**OUR APPROACH – TOTAL SYSTEM PERFORMANCE**

Using this concept of Complete System Integration as a guideline, and building on the well-known success of the existing REDLift™ system, Halliburton has created the REDLift™ XT Production System.
LIFTRight℠ Service

Halliburton technical experts and field service specialists have the knowledge and operational expertise in artificial lift technologies to help our customers make optimal economic decisions according to the dynamic conditions of the well, and to help ensure that every artificial lift application is delivered efficiently, on time, and at the lowest operating cost.

THE LIFTRIGHT℠ SERVICE DELIVERY PROCESS IS OUR COMMITMENT TO YOU.

Our service delivery model, the LIFTRight℠ Process, is centered on total well performance and increased reliability. From designing and executing the right lift application, to optimizing and reviewing post-job results for continuous improvement, our goal is to execute a flawless service at the rigsite, every time, everywhere.

DESIGN
Use Halliburton SimuLift™ software to ensure the RIGHT application

EXECUTE
Provide skilled field service specialists so that every job is done RIGHT, every time

OPTIMIZE
Use Halliburton’s Intelift™ remote monitoring software to ensure the RIGHT production performance decisions

REVIEW
Analyze the post-pull results to provide the insight that customers need to make the RIGHT decisions
The LIFTRight℠ service can enable reliable lift applications with flawless service execution, and at the lowest total cost.

**BENEFITS**

» Engaging with our customers to improve collaboration, and driving incremental uptime and reliability
MaxRange™ pumps can enable efficient and continuous operations in the most abrasive environments and wide volume ranges.

**BENEFITS**

» High-pressure sealing connections for deep-set and corrosive unconventional wells

» Fit-for-purpose abrasion-resistant bearings for efficiency and toughness

» Stage hydraulics optimized for efficiency and widest operating range
MaxRange™ Pumps

- Dual O-ring seal with high-strength threaded connections
- High-strength alloy shaft
- Carbide thrust and radial bearings
- High-strength housing
- High-efficiency stages
- Base carbide bearing

Radial Flow

Mixed Flow
TITAN Motors

- Involute shaft spline
- Outboard rotor bearings
- Slot liner 2x industry standard
- Motor bearings with positive mechanical lock and wide-foot profile
- Magnet wire insulation double wrap 60% overlap
- Long rotor design with optimized air gap
- Each rotor independently located
- Improved power density through stator and rotor design
TITAN motors can reduce operating costs with improved design for greater durability.

**BENEFITS**

» Improved motor durability in mechanical and insulation systems

» High-efficiency design enabled by increased copper, shaped rotor bar and longer rotor design

» Less mechanical and electrical losses, resulting in cooler operating temperatures
Q-Max™ XT gas management solution can maximize drawdown by efficiently handling and separating gas.

**BENEFITS**

» Eliminates gas locking for improved uptime  
» Maximizes drawdown with improved gas management  
» Reduces componentry for improved reliability
Multiple configurations are available for extreme environments.

*Computational Fluid Dynamics
Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

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