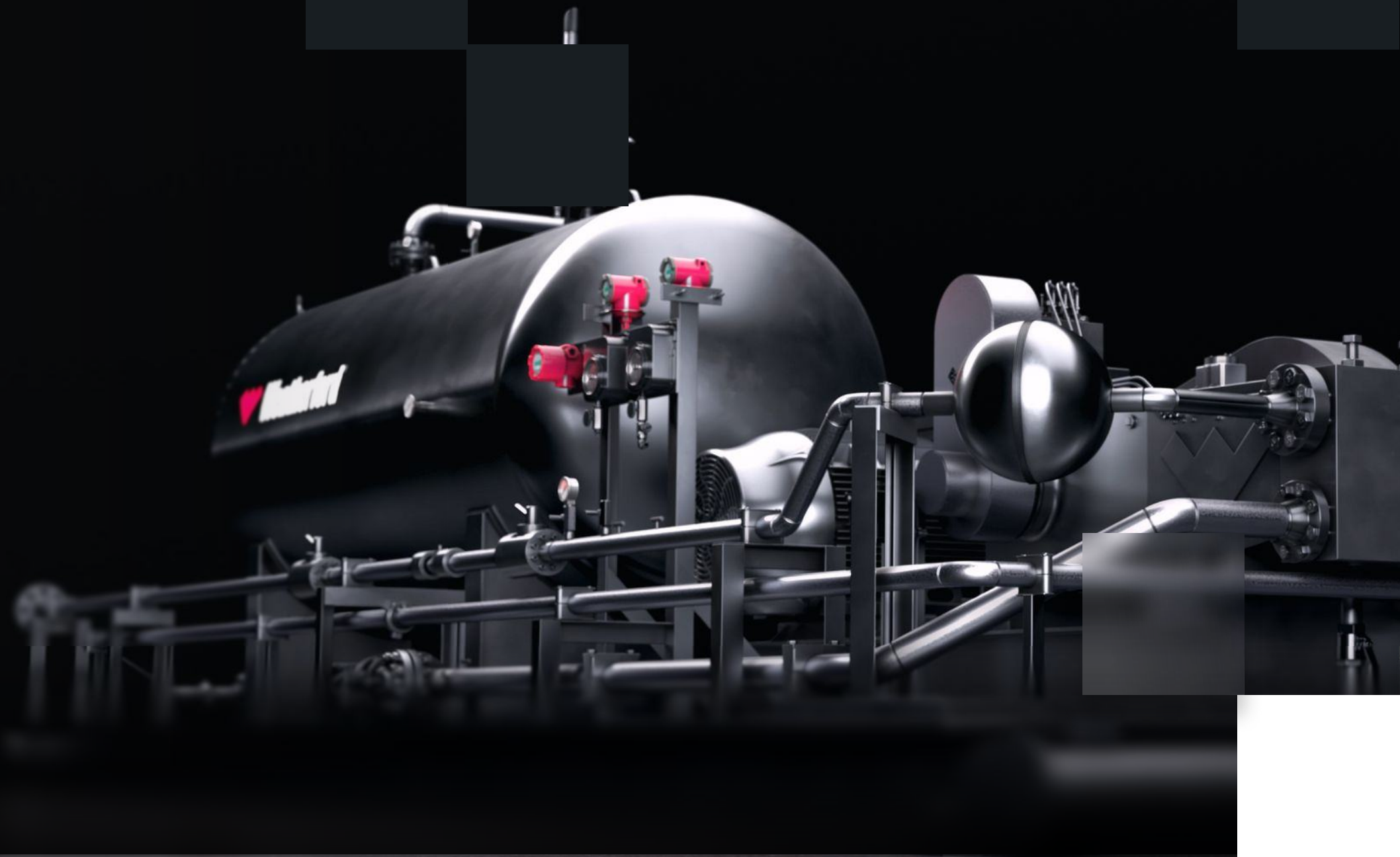


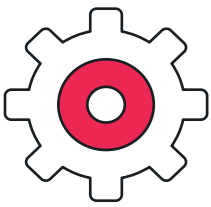


HYDRAULIC JET-PUMP SYSTEMS



Reliable, High-Volume Performance within Challenging Applications

Weatherford Hydraulic Jet-Pump Systems deliver consistent, abundant production rates with low-maintenance operation for the life of virtually any well. As a cost-effective alternative to ESPs, jet pumps maximize uptime, reduce intervention costs, and respond quickly to changing reservoir conditions. Installed and retrieved without a rig or slickline, jet pumps leverage the Venturi effect using adjustable surface-injection parameters and interchangeable nozzle-throat configurations to optimize drawdown and amplify results as conditions evolve—all through a simple, solid-state design that has no moving parts.



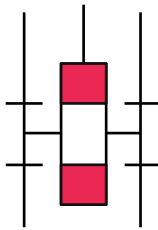
RIGLESS INTERVENTION

Install/retrieve downhole pump for low-cost maintenance



5-1/2 IN. CASING CAPABILITY

Maximize production with a slimhole, high-volume BHA



EARLY/CONSISTENT PRODUCTION

Replace multiple ESPs during first two years of well life

FIELD-PROVEN TECHNOLOGY

EAGLE FORD

70%
PRODUCTION INCREASE

5+ YEARS'
INTERVENTION-FREE

DELAWARE BASIN

\$1 MILLION
SAVINGS 1st-YEAR LOE

12+ MONTHS
INTERVENTION-FREE

PERMIAN

\$80K/MO
REDUCED CHEM TREATMENTS

PROVEN RELIABLE WITHIN
200K PPM H₂S
AND 4% CO₂

Abundant Production with Low-Maintenance Simplicity



Save CAPEX and OPEX

Gain up to 14% greater uptime over ESP systems, up to 35% lower cost of ownership, and up to a third less intervention costs.

Rigless Intervention

Install and retrieve the downhole-pump configuration (or assembly) for fast, low-cost maintenance and workovers while optimizing lift specifications to maximize efficiency and ensure sustained uptime.

Permanent Magnet Motor (PMM) Direct Drive

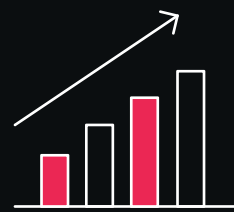
Save energy with direct-drive motors that outperform conventional induction systems with continuous magnetic torque that saves energy and is virtually maintenance free.

Smart AI Sensor Analytics

Monitor critical surface and machine parameters featuring built-in, wireless connections for high-resolution, ultrasonic, acoustic, and vibrational inputs.

Flexible/Space-Saving Skid

Adapt to suit custom surface areas to manage unique applications and subsurface designs with a fully integrated skid that arrives completely assembled and ready for single or multi-well operation.



Increase Production Potential

Achieve recovery goals with optimized flow rates that outperform ESPs and are easily controlled based on unique applications and pressure differentials.

5-1/2 in. Casing Capability

Maximize production with a slimhole, high-volume BHA featuring 17-4 PH stainless-steel and L8013Cr material combined with high-volume jet pump allows for continuous use within harsh fluids.

High-Volume Capacity

Produce at equivalent rates for longer periods as ESPs and other lift methods featuring adjustable power-fluid inputs that are limited only by well inflow and the horsepower of the surface pump.

High-Deviation Capacity

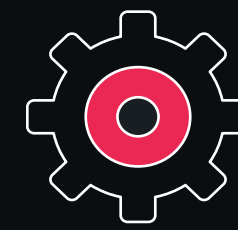
Take-on crooked wells with tight turns up to 24 degrees per 100 ft in severity, featuring compact, rig-free performance to easily adapt to any inclination, including long laterals and full horizontal wells.

Viscous, Heavy Oil Capability

Produce fluids with values as low as 10 API, using heated power fluids to dilute heavy, viscous crudes and enable consistent flow.

Offshore Applications

Reverse-circulation jet pump provides equivalent production capabilities vs. ESPs in high gas or high solids production wells.



Boost System Reliability

Take advantage of robust manufacturing and newly integrated skid built for high-corrosion environments.

Early and Consistent Production

Use a single form of lift over multiple ESPs in the first two years of well life, featuring up to 98% uptime, low sensitivity to gassy and/or sandy fluids, and rapid restarts after shut-ins.

Corrosion/High-Temp Resistant

Operate confidently with corrosion-resistant alloys and high-strength elastomers built to handle chemical treatments and high-temp environments.

Simplified, Solid-State Design

Tolerate solids with tungsten-carbide components in all high-velocity areas and construction that has no moving parts for continuous, long-lasting reliability in harsh fluids.

Deep-Well Applications

Use circulated power fluid to achieve near-balanced pressures to produce more liquids from depths reaching up to 20,000 ft (6,096 m).

Gassy Fluid Tolerance

Take-on high GORs without fear of suffering from gas lock, interrupting production, or damaging pump components.

Eco-Friendly Performance

Decrease operational emissions and improve HSE hazards featuring enhanced, leak-proof designs for reduced CO₂ production.

