# Optimize your oil and gas production with rigless, retrievable ESP technology for less rig time and more run time

## AccessESP rigless ESP system

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The AccessESP™ rigless ESP system enables the deployment and retrieval of the electrical submersible pump (ESP) without the need for a heavy workover rig, significantly reducing operational costs and downtime while enhancing well efficiency and production.

The system is comprised of just three main components—a permanent completion assembly, an UpCable™ tubing encased power cable, and a retrievable assembly containing the pump and permanent magnet motor (PMM). The retrievable assembly is easily removed and redeployed through tubing with industry-standard, light intervention equipment.

### BOOST RECOVERY

The AccessESP system can increase production by as much as 80% over gas lift, while also minimizing down time waiting for a heavy rig workover. ESP systems can be changed quickly and efficiently getting production back online.

By reducing downtime production remains more consistent and reliable. At each ESP workover the incremental production from a quick low-cost workover contributes considerable incremental production.

### LOWER OPERATING EXPENSES

ESPs can and will fail. Everything from the motor, the pump, and the seals will need to be replaced at some point in the well's life. While conventional tubing-deployed ESP requires expensive, heavy interventions after each of these failures, AccessESP is reducing these operating expenses.

After an initial deployment with a rig, each subsequent intervention in the AccessESP system is rigless. The ability to resize pumps or replace failed equipment means the upfront incremental investment to adopt AccessESP provides a return on investment that often exceeds 200 percent because high intervention costs are avoided and deferred production is minimized.

AccessESP offers a more streamlined and cost-effective operation that maximizes profitability— typically up to 95 percent OPEX savings per intervention.

### IMPROVE EFFICIENCY

The AccessESP system incorporates an energy-efficient PMM that delivers up to 1,000 hp in a single-section design, providing unmatched power density and reliability while reducing logistics and inventory costs compared to conventional coupled motors. AccessESP

### APPLICATIONS

- Subsea and offshore wells
- Land wells and extended-reach drilling
- Late life gas lift wells
- Wells with heavyweight kill fluids
- Frac jobs through ESP completions

### BENEFITS

- Significantly reduce workover costs and minimize heavy equipment and personnel at the wellsite
- Maximize well economics through streamlined operations and reduced downtime
- Maximize production and recovery, and reduce deferred production improving cash flow
- Lower carbon footprint and minimize energy consumption

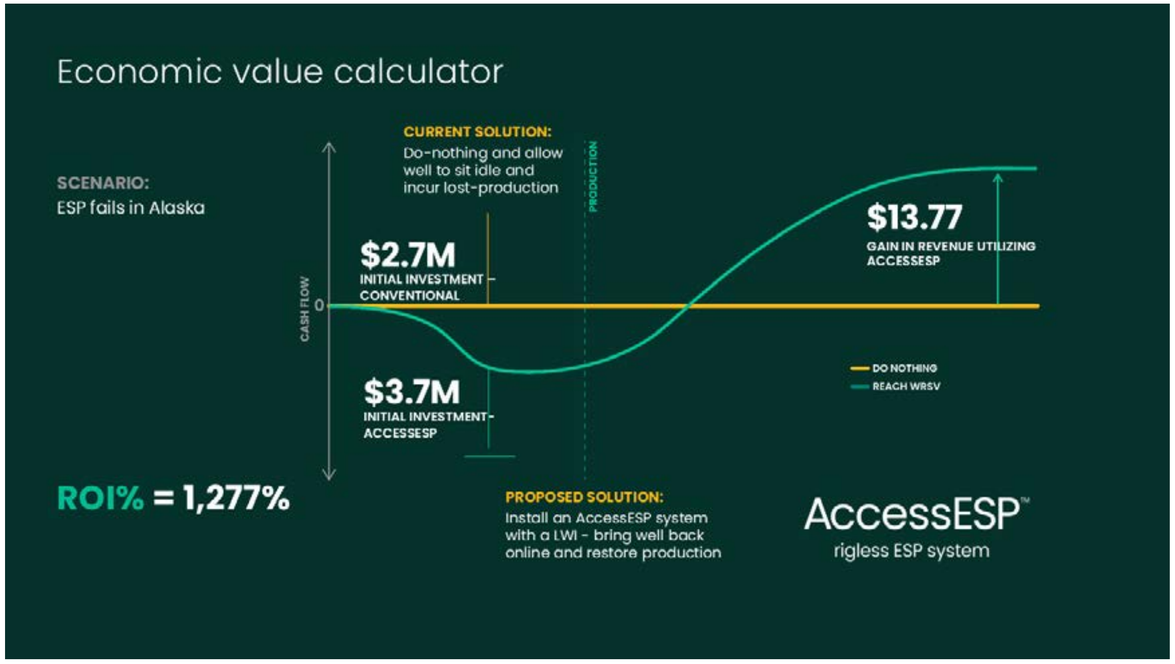
delivers five times the power output/ft of conventional induction motors with very high efficiency in a lighter, smaller and easier-to-handle single section.

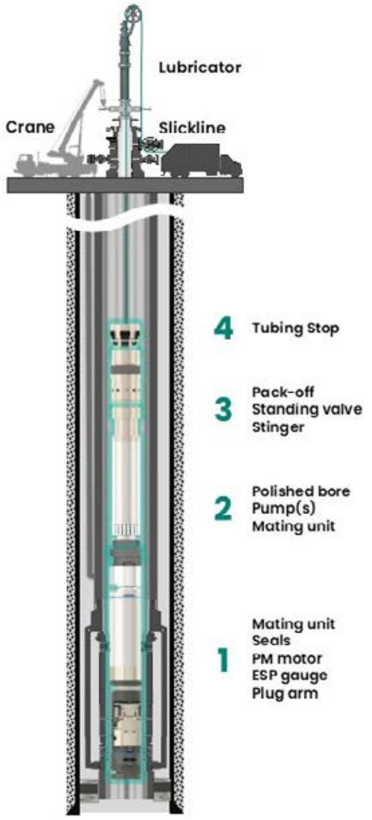
The incorporation of a PMM ensures that the system operates at optimal levels with minimal energy consumption. This not only reduces operational costs but also contributes to more sustainable and environmentally friendly operations.

AccessESP includes a side pocket downhole wetmate, designed for harsh environments, for full throughbore access and high debris tolerance, making it an invaluable tool for completions engineers. The system is also compatibile with standard lubricators for live well deployment and operation on most variable speed drives (VSDs).

The retrievable assembly can also be removed and redeployed via slickline, wireline, or coiled tubing without a heavy rig workovers, saving hours or even days of downtime.

When paired with the JumpStart well cleanout service, heavyweight kill fluids can be removed in half the time required for a coiled tubing deployed nitrogen lift operation. As a result, you can bring your well onto production far earlier and with lower transportation costs, fewer heavy lifts, and a smaller rig crew.




AccessESP is installed in 4 runs for easy deployment. After initial installation, the PMM can be retrieved via wireline, slickline, or coiled tubing.





Baker Hughes