

# FusionPro intelligent production drive improved ESP operation, reducing downtime by 60%, and eliminating fields visits

## CHALLENGES

- Power issues and excessive sand production were hindering electrical submersible pump (ESP) operation and runtime
- Operator needed faster service response to maximize uptime
- New technology deployments historically required subject matter experts (SMEs) at the wellsite to monitor performance and assist field personnel
- Deploying personnel to remote locations typically took 2 to 4 hours, delaying troubleshooting, repair, and maintenance
- Development teams were limited by data that was slow to acquire and analyze

## SOLUTION

- Baker Hughes recommended the new [FusionPro™ intelligent production drive \(IPD\)](#) and controller to improve ESP operation and uptime by:
  - Providing remote access to the VSD user interface
  - Allowing SMEs to remotely view wells and assist field service personnel
  - Enabling remote data downloads and real-time data analysis
  - Deploying over-the-air software updates to manage soft power issues
  - Recommending control settings to overcome sand issues

## RESULTS

Up to 100%  
Reduction in site visits

60%  
Reduction in downtime, per event

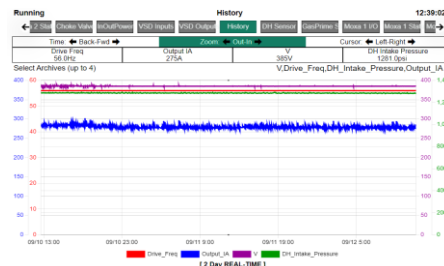
Minimized  
Personnel exposure to safety risks

Improved  
Service delivery response time

Expedited  
New product deployment support



FusionPro IPD real-time view of sensor readings.



FusionPro IPD real-time view of VSD/ESP information.