

— **CASE STUDY:** ARTIFICIAL LIFT, PERMIAN BASIN

Gas Lift to ESP conversion using LIFTPrime E1000 pump increased production by 90 percent in Permian wells, boosted daily revenue by \$60k USD

— **CHALLENGES**

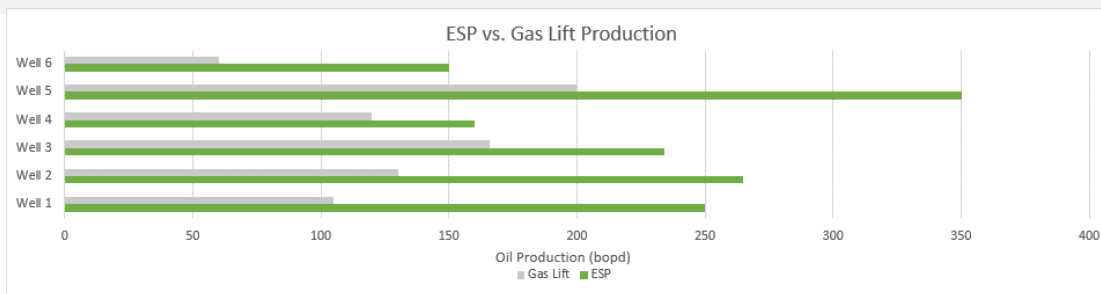
- Unreliable gas-lift operations resulting in higher maintenance and intervention costs
- Oil production optimization using current ALS method
- Unstable operation using current ALS method and excessive operational downtime

— **SOLUTION**

- [CENeffiecent™ ESP system](#), including the [400 Series LIFTPrime™ E1000 high-efficiency pump](#) replaced existing gas lift on six wells to improve economics by:
 - Boosting lift efficiency while minimizing power consumption
 - Improving reliability for reduced well downtime, and minimizing deferred oil production
 - Improving well drawdown
 - Increasing run life through a robust design for highly abrasive applications
 - Providing improved performance flexibility with a wide operating range

— **RESULTS**

- Increased average production across six wells by 90 percent, generating an additional \$60,000 USD in daily production revenue
- Reduced drawdown, saved pump power costs, and increased well uptime



By replacing the gas lift system with the E1000 pump, average oil production on the six wells increased by more than 100 bpd