

Reynolds Lift ESP in Low Flow Gassy Well

High GOR Reliability for Maximizing Production

Key Performance Highlights

- **3 Months Continuous ESP Operation:** No production downtime
- **100% Uptime:** ESP easily produced low liquid rates and high gas rates
- **2,700 Cycles with Zero Shutdowns:** Averaged 30 gas-related cycles per day

Temperature & Efficiency

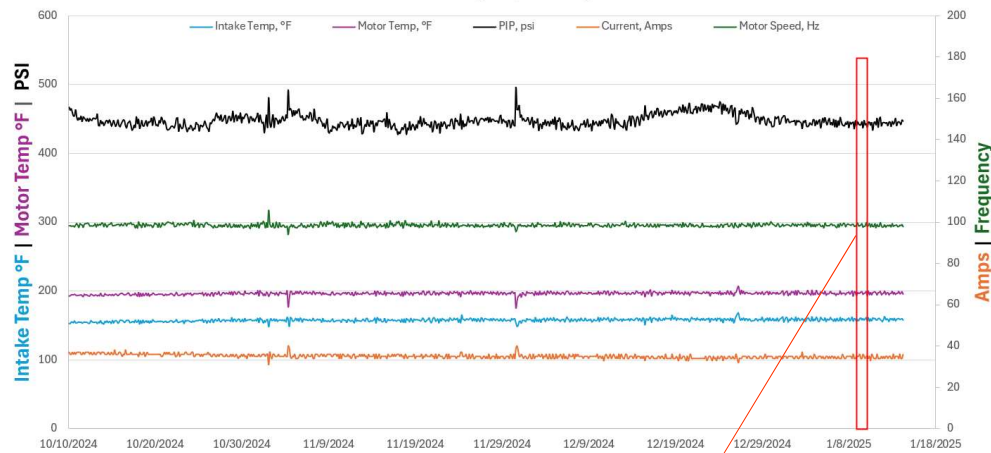
- **Motor Temperature:** During gas locking events, motor temperature peaked at ~217°F, demonstrating excellent thermal resilience
- **Minimal Winding Temperature Rise:** The motor winding temperature experienced a max 15°F rise during gas locking events, signaling efficient heat management
- **High Efficiency:** Motor efficiency remained at 90-91% during gas locking events, ensuring energy efficiency even in gas-intensive operations

Well Conditions

- **Gas-to-Liquid Ratio (GLR):** 2000-3000 scf/stb, indicative of a gas-heavy production environment
- **Production Rate:** Ranged from 300-500 barrels per day (blpd), maintaining a consistent and reliable flow despite fluctuating well conditions

The Reynolds ESP continues to demonstrate remarkable reliability, efficiency, and performance in a heavy gas environment, ensuring steady production and reducing the risk of costly downtime.

3 Month Average Operating Details



Detailed 8 Hour Window Snapshot

