

## Quick response by the UNBRIDLED ESP Systems' optimization team prevented a failure and saved the associated costs

CASE HISTORY

### CHALLENGES

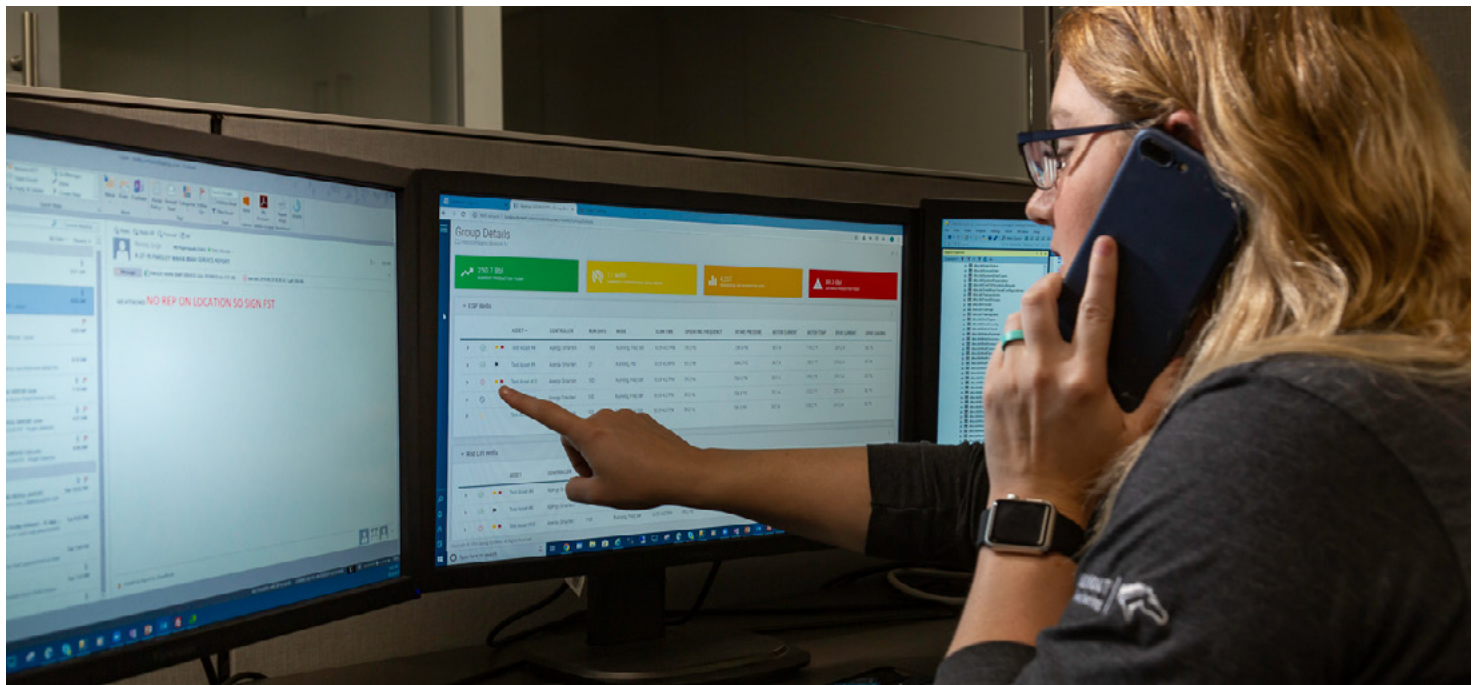
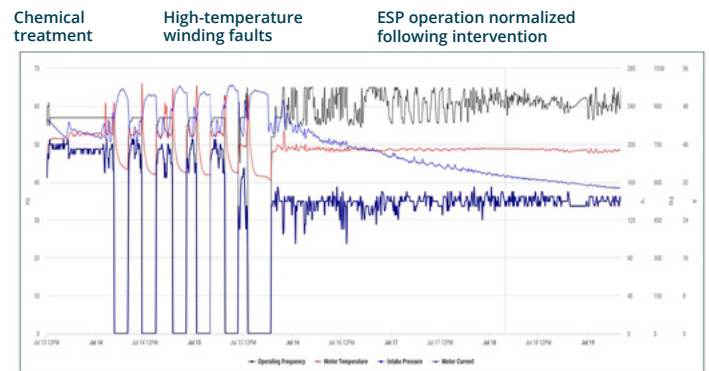
- ▶ Customer conducted a routine chemical injection treatment
- ▶ The following day the ESP system was cycling on a "high winding temperature" fault, shutting down ~3 times per day

### SOLUTIONS

- ▶ Fault notifications via the LOOKOUT™ web client service alerted the UNBRIDLED® ESP Systems optimization team to the issue
- ▶ A field service technician was dispatched to the wellsite to diagnose the problem and he found that the casing valves were inadvertently left closed following the chemical injection treatment
- ▶ Gas locking caused by pressure in the casing was causing the motor to over heat
- ▶ The casing valves were opened and the ESP was successfully re-started

### RESULTS

- ▶ The quick response by the UNBRIDLED ESP Systems optimization team prevented an ESP failure due to motor overheating, saving the operator approximately \$75,000 in workover costs
- ▶ The operator's down time was minimized by the quick response time to the fault notification
- ▶ Once the ESP system was restarted, it ran successfully until it was pulled to downsize the unit as production rates declined





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