



Summit ESP® Well Monitoring Team Helps Operator Avoid Potential \$75,000 ESP Failure

APPLICATION ENGINEER ALERTS OPERATOR TO CONCERNING OPERATIONAL ISSUES WHICH WERE CAUSED BY FAILED CASING CHECK VALVE

WEST TEXAS

OVERVIEW

A major operator in West Texas relies on Summit for their ESP operations, including Summit's Well Monitoring Service. With this system in place, our experienced Applications Engineers can readily assess the health of the ESP systems in the field and immediately communicate any concerns to the operator.

CHALLENGES

In this case, a Summit Application Engineer saw a spike in the ESP motor temperature and fluid level around 8 pm. The engineer immediately contacted the operator and recommended that the unit be shut down to avoid a potential failure.

SOLUTION

Upon further investigation by the operator, a bad casing check valve was found, which allowed production fluid back into the well. Shutting the unit down helped avoid a potential failure.

RESULTS

Had the unit continued to stay online and failed, it would have cost the operator as much as \$75,000 in rig time and equipment costs to replace the failed ESP, and deferred production. The customer was pleased, saying, "Great customer service; I greatly appreciate the effort. This may have prevented a failure."

CHALLENGES

- Experienced Summit Application Engineers closely monitor and analyze vital operational parameters to optimize production and identify when there is an issue

SOLUTION

- When the Application Engineer noticed a spike in the ESP motor temperature and fluid level, he immediately contacted the operator and recommended the unit be shut down to avoid a potential failure

RESULTS

- The operator discovered a bad casing check valve which allowed production fluid back into the well
- The operator saved as much as \$75,000 in rig time and equipment costs to replace the failed ESP



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