

Fields	Multiple
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**Background**

At the beginning of 2016, Schlumberger partnered with an oil company in the Middle East to set up the operator’s first in-house Artificial Lift Surveillance Center. The objective was 24/7 monitoring of a selected population of ESPs across all the operator’s fields.

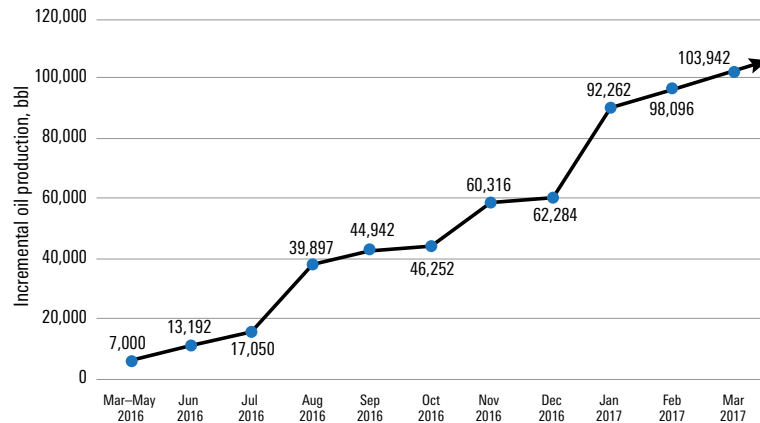
Previously, real-time data was available but not fully used. As a result, unidentified causes were leading to multiple early ESP failures and reduced run life. Continuous surveillance using proprietary Schlumberger workflows and procedures increased run life and oil production while virtually eliminating early ESP failures among the selected wells.

**Technologies**

- Artificial Lift Surveillance Center with 24/7 real-time ESP monitoring and surveillance

# 31% Increase in ESP Uptime Across Multiple Fields with 24/7 Real-Time Monitoring, Middle East

Artificial Lift Surveillance Center delivers 30% reduction in downhole trips and 104,000-bbl additional oil production in one year



*ESP wells affected by low inflow, gas interference, flowline accumulations, accidental valve closures, or incorrect equipment settings are now quickly identified and the cause of the underperformance swiftly diagnosed. Proven workflows based on extensive experience, smart event recording and classification, and excellent communication and teamwork among the operator’s field engineers and Schlumberger surveillance experts have significantly reduced the number of ESP workovers and increased ESP uptime and oil production.*

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