

The customer is a petroleum and natural gas exploration company headquartered in El Dorado. The company also has operating offices in Houston, Texas, Calgary, Alberta, and Kuala Lumpur, Malaysia

Intelligent Completions and Smart Well Technology Platform for an Oil and Gas Company in US

Challenge

- Drive real-time decision making with huge data volume, standardized & clean data set, real-time visibility in progress completions and comparing with historical well completions data
- Enterprise Applications and Integration Consolidation Initiative
- Improve user experience and bring about a digital first mindset in the field

Solution

- **Smart Well Technology** platform for Completion process leveraging enterprise messaging queue, multi-threading, proactive alerts based on pattern detection and threshold, digital twins to compare planned and actual pump data
- Displace multiple middleware platforms to SAP Cloud Platform Integration and thus providing a unified digital platform for innovation

Outcome

- One platform to monitor, analyze and make decisions based on historical as well as real-time high velocity and high-volume data
- Reduced Maintenance & License cost, Fast tracked development and Best Practices implementation

Business Impact

25% Reduced G&A Expenses

50M+ Data points analysis

15% Reduction in SWB

350+ Interfaces Consolidation & Migration