

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