



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.

Business 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



Improve user experience and bring about a digital first mindset in the field

Digital twin Platform – Smart Well Technology

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
- **25%** reduction in G&A expenses
- **15%** reduction in SWB
- **50 M +** data points analysis
- **350+** Interfaces Consolidation & Migration
- Enables Faster decision making