

Pump Jack Visibility with Monitoring for Remotely Located Wells with Cloud-Native IIoT

RESULTS

- Strongly set for growth by acquisition with deployment speed
- Increased visibility into existing operations
- Significantly reduced downtime with actionable analytics
- Consolidation of systems improved efficiencies across business



APPLICATION

DeltaV™ SaaS SCADA
DeltaV SaaS SCADA Mobile
DeltaV SaaS SCADA Alarm Experts
DeltaV SaaS SCADA with Data Exchange

CUSTOMER

Mack Energy Co. is a privately owned exploration and production company, which operates in Oklahoma, and South Louisiana. The company's headquarters are located in Oklahoma City, OK. Privately-Owned Legacy Oil & Gas Company, with 3rd Generation Leadership and a 90-year History of Building Reserves.

CHALLENGE

Mack Energy's strategic focus is on company-operated secondary recovery projects in the Mid-continent and exploration projects through-out the Louisiana Gulf Coast. The cornerstone of the exploration effort is an extensive 3-D seismic data base of >2500 square miles. In addition to prospect generation, Mack continually reviews third-party projects for participation.

With lofty goals and high targets they had a strategic initiative to upgrade and consolidate their legacy SCADA systems and multiple internal software systems to ease the need to manage so many different systems, reduce any downtime, and quickly enable their staff to focus on core business and future growth through acquisition.

"Growth by acquisition has been our top target for some time, but having separated systems and processes historically lead us to several hours of frustrating data management for newly acquired assets; today that's one of the easiest parts of any acquisition we do - it's all there; effortlessly for our staff to work with from day one which delivers stronger and faster impressive ROI."

Mike LaMascus, VP Production
Mack Energy Co.

SOLUTION

A wide variety of system options were on the market, but none fit all the needs the way the Emerson experts put it all together to gain the speed of data management deployment for newly acquired assets. This enabled the Mack Energy staff with increased visibility into existing operations and reduced production downtime (rod pump/ESP/plunger lift and nitrogen plant).

Emerson's DeltaV SaaS SCADA empowered the Mack Energy staff with the technology to consolidate operational data and empowered them with effortless always up-to-date software as a service, complete training for current and any new staff with 24/7 live support.

Our goal for the solutions was to help them promote healthy growth, and increased the business efficiency with DeltaV SaaS SCADA, our cloud-native IIoT SaaS platform, along with detailed actionable analytics and data insights.

DeltaV SaaS SCADA Alarm Experts were included to help manage the alarm thresholds are properly set and the right people get the right alarms without wasting anyone's time on alarms that are not needed or over-zealously reporting potential problems. In addition, SaaS SCADA was implemented with Data Exchange to make bringing in asset data from any new location, or acquired system a breeze.

As a technology partner, we look forward to working with Mack Energy as they continue their successful path of growth through additional asset acquisition and new drills.



North America and Latin America Global Headquarters

Emerson Automation Solutions
6005 Rogerdale Road
Houston, TX, USA 77072
T: +1 281 879 2699



Europe

Emerson Automation Solutions
Unit 1, Waterfront Business Park
Dudley Road, Drierley Hill
Dudley, UK DY5 1LX
T: +44 1384 487200



Middle East and Africa

Emerson Automation Solutions
PO Box 17033
Jebel Ali Free Zone - South 2
Dubai, UAE
T: +971 4 8118100



Asia Pacific

Emerson Automation Solutions
1 Panda Crescent
Singapore 128461
T: +65 6777 8211

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