MEDIA ADVISORY

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At SPE ATCE, Emerson to Demonstrate Advanced Production Modeling and Reservoir Engineering Software Solutions to Drive Operational Excellence

Live demos will feature solutions to real-life challenges through innovation, automation and integration

Paradigm k leverages IIoT, cloud, and machine learning to facilitate next-generation production optimization

Emerson will showcase its advanced Exploration & Production (E&P) software solutions for optimizing Production Modeling and Reservoir Engineering workflows at the Society of Petroleum Engineers Annual Technical Convention and Exhibition in Calgary, September 30 - October 2. Daily demonstrations at booth #819 will highlight Emerson's technologies for solving subsurface and surface challenges, to reduce uncertainty and enhance confidence in drilling decisions.

Live presentations will be offered daily, beginning at 9:00 AM. One-on-one demonstrations of the company's latest technologies and applications are available upon request. Visitors are invited to attend the daily Lunch and Learn sessions at the Emerson booth, featuring Paradigm k™, Big Loop™, and reservoir modeling solutions.

Featured presentations include:

- The Paradigm k flow prediction system that monitors and optimizes production on a fully automated platform providing a unified solution from reservoir to well bore to surface facility.

- Well engineering solutions that integrate petrophysics, geomechanics, and production engineering using the industry-leading Geolog™ formation evaluation system

- An innovative approach to determining initial fluid composition by tuning an Equation of State to experimental data applied to a Gulf of Mexico dataset (Tempest™ Enable Reservoir Engineering suite)

- Improving heavy oil modeling & SAGD-able volume calculations in the Athabasca oil sands in Alberta

- A collaborative approach to calibrating subsurface models for reliable production concept design and forecasting (Big Loop)

- Using Machine Learning to successfully predict facies distribution in a Permian basin dataset

- Reducing expenditures and improving production data acquisition at the well pad using multiphase flow metering

Emerson now offers these solutions and its entire software portofolio on the [cloud](), enabling oil and gas companies to securely take advantage of digital technologies to better model and optimize production in new and established reservoirs. Company SMEs will be available to discuss the cloud option with booth visitors.

In the technical program, Emerson will co-present a paper, "Unconventional Reservoirs Next Frontier: Efficient Production Modeling – Part 2" in Session 57: Technology Advancements for Downhole Multiphase Flow Conditions, October 2, 1:30 – 1:55 PM, Palomino Room.

For the complete agenda, click [here]().

For more information, visit [www.Emerson.com/EPSoftware]().

About Emerson

Emerson (NYSE: EMR), headquartered in St. Louis, Missouri (USA), is a global technology and engineering company providing innovative solutions for customers in industrial, commercial, and residential markets. Our Emerson Automation Solutions business helps process, hybrid, and discrete manufacturers maximize production, protect personnel and the environment while optimizing their energy and operating costs. Our Emerson Commercial and Residential Solutions business helps ensure human comfort and health, protect food quality and safety, advance energy efficiency, and create sustainable infrastructure. For more information visit [Emerson.com]().

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