

**RMAG April Luncheon**  
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*Unlocking the Full Potential of Geology Data in Drilling and Completions: A Workflow Approach*

**Speaker: Mike Kuligowski, Core Geologic**

Understanding well performance and operational challenges requires a multi-disciplinary approach that integrates geology, drilling, and completions data. Too often, geosteering and subsurface operational geological data are underutilized in post-well analysis, leaving key questions unanswered. Is a performance issue caused by the rock or by drilling and completions decisions?

Traditionally, geoscience and engineering data have existed in separate silos, with analysis performed independently. This disconnect often leads to incomplete assessments of well performance and subsurface challenges. By placing geology at the core of the workflow and utilizing a geocentric database, all engineering data can be tied back to the rock itself. This integration provides a more accurate and holistic view of well behavior, allowing for better-informed decision-making and a deeper understanding of drilling and completions challenges.

## **Biography**



Mike Kuligowski is a Senior Technical Advisor at Core Geologic, specializing in multi-disciplinary data analytics for drilling and completions optimization. He holds a B.S. and M.S. from Missouri School of Science and Technology and an MBA from Saint Louis University.

Mike began his career in hard rock mining from 2005 to 2007 before transitioning to coal from 2008 to 2014. In 2014, he joined Pioneer Natural Resources, where he worked until 2020, gaining extensive experience in geoscience applications within oil and gas development. From 2020 to 2023, he served at Driftwood Energy as a Project Geologist. In late 2023, he joined Core Geologic, where he continues to drive innovation by leveraging geology-centered data solutions to improve well performance.