

Fast-Tracking Conventional Reservoir Development and Carbon Management within the Footprint of Unconventionals

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Abstract

This presentation details a methodology and workflow designed to optimize blocks of acreage that have existing unconventional operations. The strategy uses analytics and novel approaches for data management and secure data sharing at the heart of the operation, with an emphasis on free and low-cost sources of information and applications that can be used in an as-needed way to reduce risk while evaluating the prospectivity of conventional targets whose oil and gas have often been generated by the unconventional source (and now reservoir). In addition to exploration tools, the process integrates drilling and completion optimization, and also provides a road map for ongoing operations that integrates water management, methane utilization, induced seismicity prevention, and supply chain optimization.

Assessment of Energy Resources Wednesday, July 27 9:00 AM