

Rock Mechanical Characterization on Shale Cores: How We Test, How We Use Them, and How We Can Measure Them

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ABSTRACT

This presentation offers a review of the typical mechanical core testing done on shale gas/oil core samples and the criteria for using the results, along with an explanation of how to define the setup based on the purpose of a study. We will then illustrate methods of analysis and data integration for subsurface characterization and discuss the possibility of performing this test in Argentina. We will talk about whether any equipment is available, what kind is out there, and where to find it. Finally, we will discuss the need for special core testing on this kind of reservoir.