

Vaca Muerta Formation Characterization in the Northern Sector of the Play

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ABSTRACT

This session describes the case study of the El Trapial and Nambuena blocks, where two exploration campaigns have been carried out since 2012 to derisk the shale reservoir in the northern sector of the Vaca Muerta play. Based on the analysis of the data from vertical exploration wells and existing seismic and the integration of the results with the regional information, we sought to characterize the Vaca Muerta Formation using geological variables such as structural elements, stratigraphy, reservoir properties, and thermal maturity. The outcome of the evaluation serves as a framework to give us a better understanding of the variables that have an impact on reservoir characterization and project development.