

Broadband Seismic Acquisition Offshore Myanmar - Technology Enables Enhanced Data Quality and Efficiency in Acquisition

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ABSTRACT

In 2016, two broadband 3D seismic surveys were conducted in PETRONAS operated blocks, offshore Myanmar. The key geophysical objectives were better imaging of potential basement play and improving resolution of the potential shallow reservoirs for better evaluation and validation of the prospectivity surrounding the field. Operational challenges included managing strong and variable currents, as well as avoiding production facilities. In this article we highlight how the 3D broadband seismic surveys were designed and executed to maximize efficiency without compromising data quality, and how effective collaboration amongst various stakeholders during data acquisition helped to achieve optimal results.