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**ESTIMATING RESERVES IN THINLY-LAMINATED
SANDS WITH THE HELP OF PETROGRAPHIC
IMAGE ANALYSIS (PIA)**

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Calculating reserves in a reservoir sequence where the productive sands are only millimetres in thickness is very difficult using conventional electric logging and core analysis methods. Petrographic image analysis can be used to determine certain petrophysical parameters within sands of such thickness leading to more realistic estimations of both total and recoverable reserves.