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# Electron Microscopy Of Shale Hydrocarbon Reservoirs - AAPG Memoir 102



## Synopsis

The purpose of this memoir is to provide a practical reference for geologists, geophysicists, engineers, and students to gain a better understanding of the various state-of-the-art techniques and applications of electron microscopy for shale hydrocarbon reservoir evaluation. This reference volume is intended for both specialists and non-specialists alike and will serve as a practical guide for petrographic interpretation and reservoir analog studies. This book contains 13 highly illustrated peer-reviewed papers that describe modern techniques and recent case studies, and a catalog of nearly 250 described SEM images of known productive and potential shale hydrocarbon reservoirs in the United States. The included DVD contains a digital copy of the printed material, plus supplemental supporting data, additional color images, and digital reservoir model three-dimensional animation files. American Association of Petroleum Geologists (AAPG) Founded in 1917, AAPG is the world's largest professional geological society. AAPG is a pillar of the world-wide scientific community. Our books foster timely scientific research, advance the science of geology and promote the most efficient methods of energy exploration & processing technology and practices available today. Some of the areas we publish in include: Well Log Analysis Geological Modeling Carbonate Petrology Seismic Imaging Reservoir Characterization Regional Petroleum Analysis Tectonics and Sedimentation Stratigraphy

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