

Developments in Petrophysics

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Developments in Petrophysics

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Preface

Petrophysics, or the physics of rocks impinges on many aspects of geology in its broadest sense from hydrocarbon reservoir evaluation (where its roots remain) through to evolution of the Earth's crust. It provides the focal point which enables geologists to exploit geophysical data through calibration, integration and, at times, understanding! Yet it remains largely undervalued and understated.

This Special Publication contains a selection of papers presented at a two-day meeting in September 1995 on Developments in Petrophysics at Burlington House, London. The meeting, held by the Borehole Research Group of the Geological Society of London in association with the London Petrophysical Society (SPWLA), attempted to draw together active petrophysicists from industry and academia to discuss areas of mutual interest. All 29 presentations at the meeting were in response to an open call for papers and so, within the constraints imposed by work loads and other factors, may be considered to represent a fair if perhaps not exhaustive snapshot of recent developments.

The presentations which have materialized as papers herewith cover a wide range of topics including technical developments and pore-scale effects, seismics, petrophysical prediction, electrical properties, and interpretation.

Many thanks go to Gail Williamson and Janette Thompson both for organization of the meeting and for persistence in coaxing authors, reviewers and editors; also to Angharad Hills at the Geological Society Publishing House for continuous support in the production of this volume. We additionally wish to thank the following independent referees who undertook refereeing of individual papers as part of their commitment towards the publication of this volume: S. Austin, A. Batchelor, J. D. Bennell, N. R. Brereton, H. Cambray, S. Cannon, J. Collier, B. Crawford, J. Doveton, P. Elkington, A. Foulds, P. K. Harvey, G. J. Henderson, D. Herrick, R. Hertzog, R. Hunter, A. Hurst, P. D. Jackson, F. I. W. Jones, A. Jupe, M. King, S. Luthi, D. McCann, C. McCann, B. Moss, J. Orr, S. Peacock, F. Rummel, C. Sayers, P. Scultheiss, I. Schweitzer, C. Snee, E. Stevens, P. Whattler, K. Whitworth, D. Woodhouse, P. Worthington.

M. A. Lovell & P. K. Harvey
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