

Borehole Imaging: applications and case histories

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Borehole Imaging: applications and case histories

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Preface

Borehole images now form a major part of the interpretation strategy for subsurface geological interpretation in a wide variety of scenarios. This volume attempts to document some case histories together with image acquisition and analysis techniques. It by no means covers the full breadth of the subject but is intended to provide a valuable source of information within one volume. We hope the broad spectrum of this text will encourage geologists to look outside their immediate areas of interest with the potential to learn from complementary work in other areas.

This publication grew out of an SPE (Society of Petroleum Engineers) forum held at Breckenridge where the need for documenting the use of borehole images was identified. Subsequently, a conference entitled 'Borehole Imaging: Case Histories', held at the Geological Society of London, provided a forum for presenting real examples of the application and use of borehole images. Much of the contents of this book were discussed at that meeting.

The original meeting included discussion workshops which proved exciting and stimulating but were difficult to document in a worthwhile manner. There was a technical exhibition demonstrating the latest advances in data manipulation and interpretation and other forums which also emphasised the case histories at the expense of technological developments. However, comments from colleagues identified the need to document how borehole images are obtained, how images may be misinterpreted, and the range of published material existing in this subject area. This final text has evolved through time with additional papers solicited to cover areas with previously limited documentation.

Mike Lovell, Gail Williamson & Peter Harvey