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# Barremian – Aptian Stratigraphy and Hydrocarbon Habitat of the Eastern Arabian Plate

## **Editors:**

Frans S.P. van Buchem, Moujahed I. Al-Husseini, Florian Maurer and Henk J. Droste



Barremian – Aptian stratigraphy and hydrocarbon habitat of the eastern Arabian Plate comprises 18 papers covering one of the most hydrocarbon-rich stratigraphic intervals in the Middle East. They were written over a period of two and a half years by more than 60 authors and co-authors from industry, academia, geological surveys and research organisations, and reviewed by 34 experts and the four editors (F.S.P. van Buchem, M.I. Al-Husseini, F. Maurer and H.J. Droste).

The two volumes are the fourth of the series of *GeoArabia Special Publications*. They are presented in 614 pages including more than 300 graphics and several large enclosures, which illustrate a vast array of new multi-disciplinary data and interpretations in high-resolution, color-matched designs. The graphics illustrate fossils, chemostratigraphic curves, 2-D and 3-D seismic, well logs, core, outcrop photos, maps and much more. Every paper starts with a figure showing its study area on a common late Early Aptian palaeogeographic basemap, followed by a stratigraphic figure comparing the local stratigraphy to that of the Arabian Plate synthesis; and in the GTS 2004 time scale. These two figures carry the reader's eyes effortlessly across all the papers.

The major improvement of our understanding of the Barremian – Aptian carbonate strata can be directly applied by petroleum geoscientist and engineers, both at the reservoir and exploration scales. It sets an example for an integrated approach that is equally applicable to other stratigraphic intervals.

The glacio-eustatic, sea-level fluctuations recorded in the Arabian Plate are believed to have a global expression which suggests the here presented conceptual models can be extrapolated to other plates and basins.



#### **Petroleum Geoscience**

Petroleum Geoscience publishes papers on the science, engineering and technology of the rockrelated petroleum disciplines, focusing on multidisciplinary studies. The journal seeks to promote the application of such studies by the petroleum community in the finding and producing of petroleum resources. Further information on the aims and objectives of the journal can be found on the websites of the Geological Society (www. geolsoc.org.uk) and the European Association of Geoscientists and Engineers (www.eage.org).

#### **Norman Falcon Award**

The EAGE's Norman Falcon Award is presented to the author(s) of the best paper published in Petroleum Geoscience (or in First Break in a related topic) in the calendar year preceding the award. The paper should be of high scientific standard and should represent a significant contribution to one or more sub-surface disciplines.

#### Submission procedure:

All submissions to the journal should be made online via http://petgeo.allentrack.net Manuscripts should be prepared as outlined on the Society's website www.geolsoc.org.uk/gsl/publications/ journals/pg.

Typeset and printed in United Kingdom by Henry Ling Ltd, at the Dorset Press, Dorchester, DT1 1HD.

#### **European Association of Geoscientists & Engineers**

The objectives of the European Association of Geoscientists & Engineers (EAGE) are to promote the application of geosciences and related engineering subjects, and to foster communication, fellowship and co-operation between those working in, studying, or who have an interest in these fields. The EAGE's journal is First Break (monthly). Currently the Association has two Divisions; the Oil and Gas Geoscience Division and the Near Surface Geoscience Division. All EAGE members are entitled to receive the monthly journal First Break, and have online access to it. In addition, all members may choose to receive (free of charge) an online version of one of the following journals; Geophysical Prospecting, Petroleum Geoscience, Basin Research or Near Surface Geophysics. Additional journals can be obtained by all members at reduced rates. Members are also entitled to reduced fees at meetings sponsored by the Association (if applicable). Prospective members can obtain membership application forms online from www.eage.org or from the EAGE Head Office, PO Box 59, 3990 DB Houten, The Netherlands, eage@eage.org. Annual dues are EUR 50.00. Student members pay annual dues of EUR 25.00. The Head Office should be notified of any change of address.

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The Geological Society of London was founded in 1807. It is the oldest national geological society in the world and the largest in Europe. It was incorporated under Royal Charter in 1825 and is Registered Charity 210161.

The Society is the UK national learned and professional society for geology with a worldwide Fellowship (FGS) of more than 9000. The Society confers Chartered status on suitably qualified Fellows, and about 2000 of the Fellowship carry the title CGeol. Chartered Geologists may also obtain the equivalent European title, European Geologist (EurGeol). One fifth of the Society's fellowship lives outside the UK. To find out about the Society and how you can join, contact the Fellowship Department at:

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