Barremian – Aptian stratigraphy and hydrocarbon habitat of the eastern Arabian Plate

Editors:
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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 organizations, 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.

Career with GeoArabia as Geoscience Editor

Gulf Petrolink is a Bahrain-based petroleum geoscience consultancy established in 1993, and the publisher of the GeoArabia journal and several specialized geoscience books (www.gulfpetrolink.com). Today GeoArabia is the leading petroleum geoscience journal in the Middle East. It was launched in 1996, and in 2010 it had an Impact Factor of 2.026, and was ranked 48th among 167 international multi-disciplinary geoscience journals in the Web of Science.

Gulf Petrolink is seeking a highly qualified geoscientist to work in Bahrain as GeoArabia’s Geoscience Editor. The applicant should be very creative, have great personal initiative, and be prepared to learn more about the petroleum geosciences of the Middle East.

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He/she must have an outstanding command of scientific writing in English, and a general knowledge of the upstream sector of the petroleum industry.

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- Coordinating all aspects of the review process with the authors, the Editor-in-Chief, members of the Editorial Board and anonymous referees. This may include working with the authors to rephrase and/or rewrite portions of accepted manuscripts to maintain the highest standards of clarity and technical English.
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- Maintaining a cordial and supportive working relationship with the upstream professional and managerial community of the petroleum industry, as well as promoting the professional societies and academic institutions of the region.

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