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

Ediors:
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.

Dr. Moujahed I. Al-Husseini
Editor-in-Chief, GeoArabia

The rock units presented in this Lexicon represent one of the most unique and complete records of the Earth’s Phanerozoic Eon and Neoproterozoic Era. Most of them, and many more such as the Semail Ophiolite Complex and Neo-Tethyan Rift System, can be visited in the spectacular outcrops of the Sultanate of Oman.”

G.A. Forbes, H.S.M. Jansen and J. Schreurs

G.A. Forbes, H.S.M. Jansen and J. Schreurs

For more information or to order this publication, contact Gulf PetroLink, P.O. Box 20393, Manama, Bahrain
Tel: 973 17 214 881; Fax: 973 17 214 475; Email: geoarabi@batelco.com.bh
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.

The Geological Society

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 11 000. 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: The Geological Society, Burlington House, Piccadilly, London W1J 0BG Tel +44 (0) 20 74349944; Fax +44 (0) 20 74398875; emails to: enquiries@geolsoc.org.uk

For information about the Society’s meetings, consult Events on www.geolsoc.org.uk. To find out more about the Society’s Corporate Affiliates Scheme, write to: enquiries@geolsoc.org.uk

The Geological Society Publishing House (Bath, UK), produces the Society’s international journals and books, and acts as European distributor for selected publications of the American Association of Petroleum Geologists (AAPG), the American Geological Institute (AGI), the Indonesian Petroleum Association (IPA), the Geological Society of America (GSA), the Society for Sedimentary Geology (SEPM) and the Geologists’ Association (GA). Joint marketing agreements ensure that GSL Fellows may purchase these societies’ publications at a discount. The Society’s online bookshop (accessible from www.geolsoc.org.uk) offers secure book purchasing with your credit or debit card.