

Target Exploration

Energy Geosciences Research & Development



Basim Al-Kubaisi, PhD. Petrophysics, Petroleum Source Rocks Geochemistry and Basin Modelling Consultant,

has a Ph.D. in Petroleum Geology from the University of Baghdad in (Basin analysis and petroleum assessment of the Middle and Upper Jurassic, northern Iraq), his MSc in Petroleum Geology from the same university by courses and a thesis on (Source–Reservoir–Seal relationships in Zubair Fields oil entrapment, southern Iraq) in 1994, and a BSc. in Earth sciences from the same university in 1991. His industrial and research experiences are in geochemical source rock evaluation, log analysis, basin modelling, sequence stratigraphy and subsurface geological mapping. His work experience includes:

2003-Present: Associate Researcher on source rocks geochemistry and basin modelling at Department of Earth Sciences, Univ. of Baghdad.

2001: Lecturer at the University of Baghdad, Department of Earth Science. Prepared and delivered courses on General Geology, Petroleum Geology, Organic Geochemistry, and Sequence Stratigraphy.

2000: Geophysical team member of the Ministry of Oil which evaluated the hydrocarbon potential of Western Iraq, and on developing geothermal gradient maps of central and northern Iraq with the corporation of the Central Laboratories Department of the Iraqi Oil Exploration Company*. Dr. Kutaisi's list of publications includes:

- **Al-Kubaisi, B. 1995. Thermal maturation History and Source Rock Efficiency, southern Iraq.** 10th Iraqi Geological Congress, 1995.15 p.
- **Al-Kubaisi, B. 1995. Structural evaluation and mineral properties for the Zubair field reservoir, southern Iraq.** (10th Iraqi Geol. Congress, 1995).12 p.
- **Al-Kubaisi, B. 1998. Application of Arrhenius Equation for chemical reaction in the assessment of petroleum potential of lower Cretaceous Formations, southern Iraq** (Abstract) in the 13th Iraqi Geological Congress, 1998. 18 p.
- **Gayara, A. and Bassim. Al-Kubaisi, 2002. Basin Analysis and source evaluation of the Upper Jurassic succession of Northern Iraq,** Abstract, GeoArabia, V.7, No.2, P. 236-237.

***While working with the OEC team Dr. Basim generated a new mathematical equation for the determination of lithology and effective porosity using wire line well logs readings, which was implemented after tests by the Central Laboratories of Iraq Oil Exploration Company.**