

PROFESSIONAL DIVISION LUNCHEON TALK

- DATE** : Thursday, 11th March, 2010
- TIME** : 11:45 Hours
- VENUE** : Safir Room, Mezzanine Level
CROWNE PLAZA JAKARTA
Jalan Jendral Gatot Subroto Kav 2-3
Jakarta 12930
- SUBJECT** : "Introduction and Application of Chemostratigraphy in Carbonate Systems"
- SPEAKER** : John Woods, New Ventures, Chemostrat International
Welshpool, UK

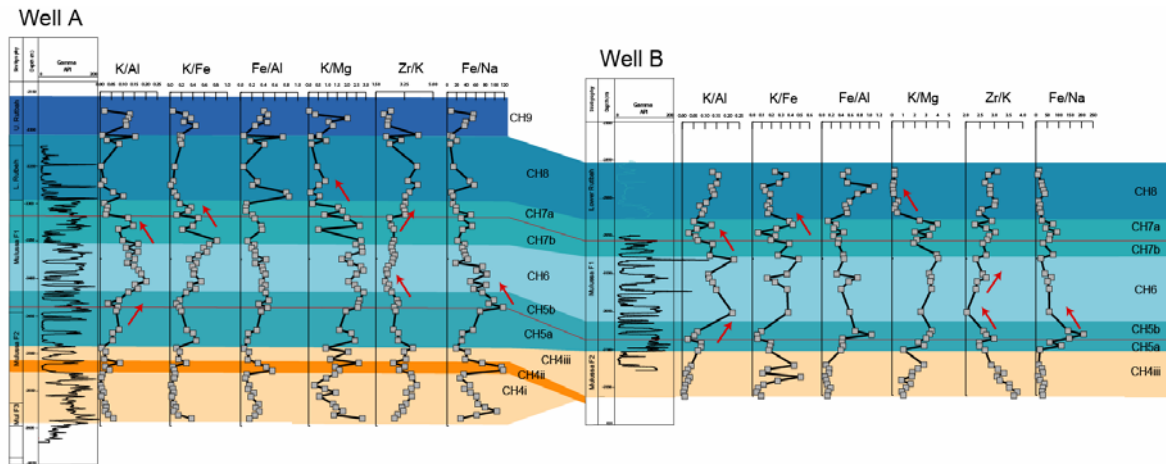
ABSTRACT

Chemostratigraphy is the characterisation and correlation of sedimentary sequences utilising the inorganic geochemistry of over 50 elements. The Chemostrat approach provides detailed information on lithological sequences which other techniques would consider homogeneous. Applied to carbonate systems this approach can be utilised to provide information of position within a reef system based on sediment input and biogenic indicators. High resolution correlation and identification of growth stage boundaries. Elemental responses to level changes with both aerial and subareal event identification. Diagenesis including burial and hydrothermal modification.

The talk will also include an overview of how the technique can be combined with other approaches to greatly enhanced effect.

There will be a slideshow explaining the fundamentals of how the technique works and giving specific examples on how this approach has been successfully applied to carbonate systems around the world.

This talk will introduce the concept of Chemostratigraphy and how it can be applied to solve a number of issues of correlation and characterization of carbonate systems. This will include the application to gain an understanding of the controls on facies and diagenesis, and then apply this understanding to subsurface geology.



Correlation of clean carbonates with key elemental ratios

BIOGRAPHY

John Woods is a New Ventures Developer for the Chemostrat in Welshpool, UK. After graduating in geology from the University of Derby he has worked for over 20 years in Geology and Environmental Science.

He joined Chemostrat in 2007. John has been responsible for developing a wide range of analytical techniques and strategies for geological and environmental applications.

FUTURE TALKS

Suggestions and volunteers for talks are always welcome. Topics should be relevant to exploration and production in Indonesia and/or be of interest to a wide range of disciplines.

Please contact the Luncheon Talks Chairman, Mark A. Thomsen, at ExxonMobil Oil Indonesia, phone: 571-5129, e-mail: mark.thomsen@exxonmobil.com

COST: *Rp. 250.000,00 (IPA Prof. Div. Member) or Rp. 310.000,00 (Non IPA Prof. Div. Member)* excluding drinks, payable at the entrance of Safir Room; **CASH PAYMENTS ARE REQUIRED.**

- Reservations and cancellations will be accepted until 15:30 hours on Wednesday, 10th March, 2010. Phones: 515-5959; fax: 5140-2545/46; e-mail: ipa@cbn.net.id or audrey.sahertian@ipa.or.id
- No reservations and cancellations will be accepted after this time.
- Members of IAGI, HAGI, and IATMI are welcome.

Please make sure that if you hold a reservation and are unable to attend that you notify the IPA Office as soon as possible otherwise you will be charged for cost of the meals.