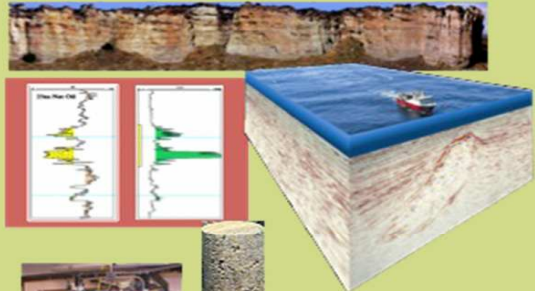
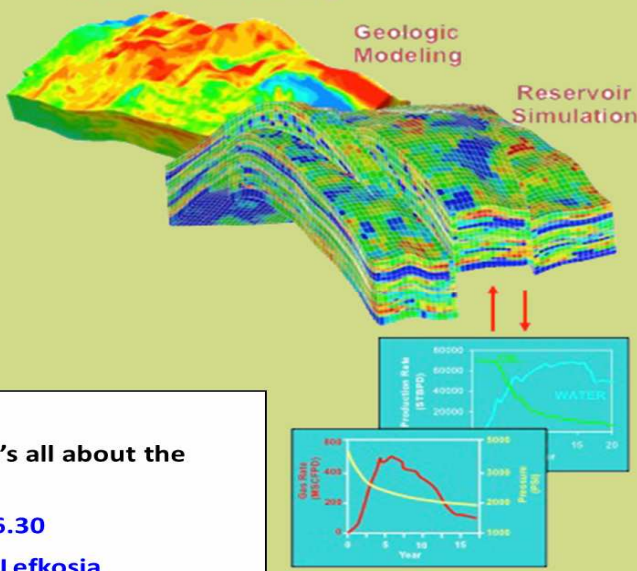


Data Analysis and Interpretation



Reservoir Modeling



2nd Lecture

The Oil & Gas Business: It's all about the reservoir

Monday, 3 July 2017 at 16.30

Educational Centre ETEK, Lefkosia

The Oil & Gas Business: It's all about the reservoir

Oil and gas (hydrocarbons) are valuable resources hidden in the subsurface of the Earth.

The oil & gas business starts at the reservoir and finishes at the reservoir. Petroleum geoscientists with their knowledge of describing and exploring the earth find oil & gas and with the help of engineers bring it to market. In this talk the speaker will provide a brief overview of what geologists and geophysicists do and what is the business impact of their contributions. In particular he will introduce the following topics:

- A brief summary of the geological challenges of developing oil & gas fields. Why are estimates of hydrocarbons-in-place always given in the form of a probabilistic range? What controls these estimates?
- A typical subsurface team composition in oil & gas companies. What type of skills are required in answering questions such as: How big or small is the field? How are we going to produce the field? How many wells? In which configuration?
- What is reservoir characterization, how is it used and what is its business impact
- A typical reservoir modelling workflow

Program

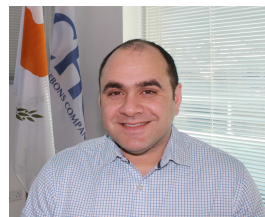
16.30 Welcome note

16.35 Lecture: The Oil & Gas Business: It's all about the reservoir

17.45 Discussion

18.00 Closure / Conclusions

Submit your participation by filling the link
<https://goo.gl/forms/IaYVGAasD0opn7dT2>



Efthymios Efthymiou is a Geophysicist with over eight years' experience working in the oil and gas industry.

He worked for three years (2009-2011) with Ikonscience as a Quantitative Interpretation Geophysicist working on various reservoir characterization projects from all over the world. He also worked for four years with Chevron Australia as an Exploration Geophysicist during a very successful exploration drilling campaign (more than 20 new gas discoveries between 2009 -2015, adding more than 7 TCF of resources). He joined CHC in October 2015. His main areas of expertise are: seismic interpretation, prospect maturation, velocity model building, rock physics and seismic inversion.