

FUNDAMENTALS OF PETROLEUM GEOSCIENCES & ENGINEERING FOR NON-TECHNICAL STAFFS

Instructors : Dr. Sigit Sukmono, Budianto Toha MSc, Suranto MT

Febuari 22-25, 2009

Santika Hotel, Cirebon

COURSE OUTLINE

Non technical staffs (secretary, technician, computer operators, etc) play very important role in the success of oil-gas industry related companies. One of their crucial tasks is to provide professional supports to engineers and earth scientists. To accomplish this task they need basic knowledge on the application of petroleum engineering, geophysics and geology technologies in oil-gas industry.

This 4 days training program provides a concise and comprehensive learning modules on the application petroleum engineering, geophysics and geology technologies in oil-gas industry. The modules are specifically designed for participants who do not posses technical backgrounds. The modules are wrapped in such a way to ensure easy understanding on the common application of petroleum engineering, geophysics and geology technologies in oil industry. To ensure better understanding on the applied geological concepts, field trip to Majalengka and Kuningan area is organized on the third day of the class. After attending this program, the non technical staffs will have better knowledge on the terms, data and applications commonly used in oil industry, which in turn will ensure the availability of high quality supports for their superiors and working environments.

WHO SHOULD ATTEND?

All non-technical staffs (secretary, technician, computer operators, etc) working in oil industry related companies who need basic knowledge on the application of petroleum engineering, geophysics and geology technologies in upstream oil industry.

COURSE AGENDA

Day 1 : Geophysics Technology for Hydrocarbon Exploration (Instructor : Dr. Sigit Sukmono)

- Overview of geophysical exploration concept
- Refraction seismic method : data acquisition - processing - interpretation
- Reflection seismic method : data acquisition - processing - interpretation

Day 2 : Geophysics & Geology Technologies for Hydrocarbon Exploration

Morning Session: Geophysics Technology (Instructor : Dr. Sigit Sukmono)

- Gravity Method : data acquisition - processing - interpretation
- Magnetic Method : data acquisition - processing - interpretation
- Resistivity Method : data acquisition - processing - interpretation

Afternoon Session: Geology Technology (Instructor : Budianto Toha MSc)

Petroleum Geology:

- Overview geological exploration concept
- Overview petroleum system
- Overview play concept

Day 3 : Geology Technologies for Hydrocarbon Exploration
Field Trip to the Majalengka & Kuningan Area

Day 4 : Petroleum Engineering Technology (Instructor : Suranto MT)

- A Brief overview of petroleum technology
- Where are oil and gas found?
- Drilling for oil and gas
- Evaluating formations containing oil and gas
- Producing oil and gas
- Managing oil and gas reservoirs

ABOUT THE INSTRUCTORS

Dr. Sigit Sukmono currently works as an Associate Professor in Reservoir Geophysics, Institute of Technology Bandung. He has a MSc from Asian Institute of Technology and DR in Applied Geophysics from Institute of Technology Bandung. His main expertise is in the field of petroleum geophysics. In the last 5 years he has been teaching more than 50 seismic reservoir classes for oil community in various locations in the world.

Budianto Toha currently works as an Associate Professor in Sequence Stratigraphy for hydrocarbon exploration at Department of Geological Engineering, Gadjah Mada University. He got his Master degree in geology from University of Otago, Dunedin, New Zealand. His main expertise is in the field of petroleum geology and carbonate reservoir characterization. His current interest is in Sequence Stratigraphy Analysis applied for hydrocarbon prospecting.

Suranto is a lecturer at the Petroleum Engineering Department, Faculty of Mineral Technology, UPN "Veteran" Yogyakarta, and the head of Core Analysis Laboratory. He had a Master degree from Institut of Technology Bandung. His main interest is in the Reservoir Simulation and Characterization.

ENROLLMENT

In order to allow sufficient time for arranging travel plans, early enrollment is recommended. Registration will be closed on February 8, 2010. Late enrollment may result in course cancellation.

CANCELLATION, SUBSTITUTION & REFUND

The tuition fee will be refunded (less US\$ 100 registration fee) only if notification of cancellation is received at least 10 days prior to the commencement.

Non payment of tuition fee does not constitute automatic cancellation of participation. Substitution may be made at any time for those enrolled.

TUITION FEE

Tuition fee at USD 1,650.00 + 10% VAT per delegate. The fee is included accommodation at Santika Hotel Cirebon for 5 nights from February 21-26, 2010, course materials, daily refreshments, full lunch and 1-day field trip. Payment should be settled at the latest on February 8, 2010. ***Any bank charges in connection with payment in US Dollars must be added to payment.***

Payment can be made to PT. Geoservices (Ltd)

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