

BAKER HUGHES TECHNICAL TALK



“Role of Geoscience in Oil & Gas Industry – Formation Evaluation”

13 November 2013

Geology Department, University of Malaya



A technical talk sponsored by Baker Hughes had been organized by the AAPG Student Chapter of University Malaya on the 13th of November 2013 and had been held at the geology department, University of Malaya. The main objective of this technical talk is to expose the students about the role of geoscience in an oil and gas industry by exposing them to the evaluation of the formation besides exposing them the scope of work as a geoscientist. The title of the talk is “Role of Geoscience in Oil and Gas Industry – Formation Evaluation” and was given by the speakers from Baker Hughes, Mr. Wong Kum Seng and Mr. Mike Orr.

Through this event, participants were exposed with various types of reservoir evaluations. This includes Surface Logging Systems (SLS), Logging While Drilling (LWD), Wireline Logging (WL), Coring and Core Analysis, and Drill Stem Testing. Participants were also exposed with the important aspects in evaluating a formation or specifically a potential reservoir. These aspects include the thickness and extent of the reservoir, its porosity, permeability, water saturation and its resistivity. These aspects can be evaluated by a direct method which is by means of analyzing a core and several other indirect methods which require mathematical operations.

The event which started at 2.00pm and ended at 5.00pm was open to all undergraduate and postgraduate students of geology department, University of Malaya and was also attended by fellow geology students from University Kebangsaan Malaysia (UKM). The event started at 2.00 pm with the arrivals of speakers and participants and registration of participants. The talk started at 2.30pm until 4.00pm and there were 30-minutes Q&A session after the talk. After the talk, the president of AAPG Student Chapter of University of Malaya, Fatin Fariha Mohd Wafa had given her speech. The event proceeded with the submission of curriculum vitae for those interested applying for internship with Baker Hughes. At the end of the event, participants were provided with refreshments and there was a photography session for the speakers and participants.

Some weaknesses encountered during the program include the lateness of starting the event while the speakers arrived one hour earlier and some disruptions in the flow of event when students are going in and out of the venue while the talk was given. Suggestion to encounter this problem is to provide a room for the speakers where they could rest before the event start and for the protocol bureau to control more on the flow of the event. Although there were some problems encountered during this one-day event, the event was overall successful.

Highest appreciation is extended to all members, non-members, participants, staff and lecturers, especially Dr Ralph Kugler, our advisor for their assistance and guidance.

Noor Faherah Hidayah Binti Ahmad Tamizi
Secretary, Baker Hughes Technical Talk 2013,
AAPG Student Chapter, University of Malaya.

