



NEWSLETTER July 2010

Message from the LPS President:

A very big thank-you goes to Daniel Hopkins and Nathan Thomas for taking time out from their studies at Leicester University to present their MSc project research at the June evening meeting. Daniel & Nathan received financial support for their research through last year's Iain Hillier Academic Award Scheme. It is good to see the next generation of petrophysicists presenting high quality work at the Society meetings. We are always looking for speakers for our monthly meetings. If you have a talk up your sleeve that you would like to present please contact VP technology, Derek Thomas (derek.h.thomas@btinternet.com).

Please note there is no evening meeting in August. Geoffrey Page's talk on the 12th July on "Hydrophysics: The Petrophysics of drilling fluids and their effects on log data" will be your last chance until September to meet up with your LPS comrades and share a glass or two of wine.

The programme of the Carbonates III One-Day seminar on the 16th September is shaping up well. We will send out a programme and registration form in the next few weeks. This promises to be an excellent seminar comprising a balance of service companies, universities and operators. I often hear comments like "The petrophysical models don't work in carbonates so why bother?" We hope that the Carbonates III seminar will be the perfect antidote to these sorts of comments and will provide an answer to the question. I urge you to all attend on the 16th September.

All the best

Adam Moss: LPS President



London Petrophysical Society
Registered Charity Number 1020083
A Chapter of SPWLA

Dates for Your Diary

Monday 12th July, LPS Evening Meeting, Geological Society, London Piccadilly. 6pm.
Geoffrey Page, Stephen Vickers – Baker Hughes Incorporated.
“Hydrophysics”: The Petrophysics of drilling fluids and their effects on log data.

August Summer Break

Monday 13th September, LPS Evening Meeting, Geological Society, London Piccadilly. 6pm.
Mike Lovell – University of Leicester.
"Gas hydrates".

Thursday 16th September, LPS One Day Seminar, Geological Society, London Piccadilly – “Carbonates III”.



Next Evening Talk:

**“Hydrophysics”
The Petrophysics of drilling fluids and their effects
on log data**

**Geoffrey Page, Stephen Vickers
Baker Hughes Incorporated**

Drilling fluids, commonly known as mud, are carefully formulated to allow the safe and efficient drilling of subsurface formations and, within reservoir sections, minimize formation damage. Although the effect of these fluids on log data might be a consideration, these effects are generally accepted as a necessary result of achieving the most cost-effective and productive wellbores.

We will discuss the effects that many common and not so common drilling fluid components have on petrophysical measurements. Even the simple physical properties of make-up brine and base oil may have effects that have been widely ignored on even basic logging suites. Other components such as precipitating salts and paramagnetic constituents can also influence some of the more complex logs which utilize newer technologies.