



NEWSLETTER: JUNE 2009

Message from the LPS President:

Firstly, just as the newsletter is going to “press”, I have some very sad news via Nigel Dodds and Tom Holyer of Baker Hughes.

Iain Hillier died on the morning of Saturday 30th May. He was at home with his family in Burnham. Iain was currently serving on the LPS Committee as VP-Publications, and also VP-Dialog, but his association with the LPS went back many, many years, certainly as many as I can remember.

Many will know about his long fight against a brain tumour, but that will be a very small proportion when set against those who knew Iain more for his generosity to the LPS over an incredibly long period, and of his enthusiasm, friendliness, sense of humour and general all round decency. He was a real “face” on the LPS scene, and in the oil industry community in London and Aberdeen as a whole. Indeed I struggle to think of anyone more likely to have a wider set of friends and acquaintances in our small community, and that says a great deal about Iain. In particular Iain was very encouraging to younger members and always gave a warm welcome to new petrophysicists and junior members of our community. I think it was part of Iain's open character to be friendly and welcoming to people irrespective of age or experience.

Funeral arrangements are being finalised and I've been asked to pass them on when I have them so that anyone wishing to pay their respects can attend. I do know that the date planned at present is Tuesday 9th June. I will certainly be passing on condolences to Iain's family on behalf of the LPS.

I'm sure that we will be commemorating Iain's service to the LPS in more ways in the near future, and the committee will be discussing plans when we next meet, but if anyone has any ideas or indeed simply any memories of Iain that they would like to share in the meantime please let me know.

Other news, unfortunately displaced by these sad events.

Thanks to two of our LPS sponsored students from Leicester University, Paul Stockwell and Russell Edge, for providing talks at our May evening meeting.

Paul's talk on applications of the Thomas-Steiber Approach to thin bed formation evaluation compared with other approaches, including rock typing/lithofacies definition from core data, showed how petrophysics is enhanced by careful sedimentological description and classification from core material.

Russell's talk showcased a novel technique applied to LWD image logs to extract numerical log “properties” that could be used in well correlation or petrofacies identification.



Both talks were presented to a high standard and questions from the audience were well fielded. It was good to see confident presentations from new entrants to the industry and the function of petrophysics and the committee wishes them well for the future and hopes our sponsorship has benefited them during their time at study.

The next LPS event will be the Monday June 8th one-day seminar on “T-Time and Relaxation – The Principles and Applications of NMR Logging”. We have finalised an agenda, confirming talks from a number of sources in the oil company, consultancy and academic communities on a wide range of relevant subjects. For more details see below in the newsletter and please consider attending, I’m sure it will be an informative and worthwhile day.

Also, as we have the seminar in June, there will be no monthly evening meeting. The next evening meeting will be on Monday 20th July.

Jonathan Lean LPS President

Dates for Your Diary

Monday 8th June, LPS One Day Seminar, Geological Society, London, Piccadilly – “T-Time and Relaxation – The Principles and Application of NMR Logging”.

Monday 20th July, LPS Monthly Evening Meeting, 6pm, Geological Society, London, Piccadilly – Topic to be Confirmed.



The Principles and Application of NMR Logging

Monday 8th June 2009

Agenda

Time	Speaker	Title	Company
9.25		Welcome and Introductions	LPS
9.30	Simon Stromberg	Basic principles and description of measurements	Hess
10:00	Haluk Ersoz	NMR Methodologies : LWD & E-line Tools, Applications, Case Histories & Log Examples in Gas, Light , Medium and Heavy Oil.	Halliburton
10.30	Arve Thorsen	LWD versus wireline tool design. Porosity and hydrocarbon saturation using T1 & T2 (dual Tw) - compared with Archie equation results.	Baker Hughes
11.00	COFFEE BREAK		
11.30	Jim White	Fluid identification and viscosity estimation.	Schlumberger
12.00	Ayham Ashkar	Applications of NMR in core analysis.	Fugro
12.30	Paul Basan	Use of NMR response types for understanding reservoir variability (continues from previous topic).	RPS Energy
13.00	LUNCH		
14.00	Ben Lowden	Integration of core and log data (continues from previous topic).	RPS Energy
14.30	Matt Porter	BP Angola and the NMR log: past, present and future.	BP
15.00	Tim Pritchard	NMR T1/T2 distributions. Fundamental & practical applications and limitations.	BG Group
15.30	TEA		
16.00	Joe Pumphrey	Some practical issues in using NMR data.	Logicom
16:30	Dick Woodhouse	NMR – a quick look at some problem interpretations.	Consultant
16:45		Panel discussion: Stromberg, Ashkar, Basan, Lowden, Porter, Pritchard, Pumphrey & Woodhouse discuss points of contention and questions from the attendants, with contributions and responses from service companies, as appropriate.	
17.30	WINE AND SAVOURIES		