



NEWSLETTER February 2010

Message from the LPS President:

The new LPS year got off to a flying start with two very successful events, the New Technology Seminar and the University Open Day.

The Geological Society lecture theatre was reasonably full for The New Technology seminar. The eight talks presented ranged from the micro (pore-space modelling) to the macro (well-testing). Thank you to all the speakers and to Derek Thomas for organising and chairing an excellent day.

The 2010 University Open Day took place on the 27th January at Manchester University. The aim of the Open Day is to provide a forum for petrophysicists to discuss with students what the job entails and encourage them to join this wonderful world of ours. About a hundred students attended and saw six presentations on a wide range of topics. A big thank you to Manchester University for hosting the event and to all the speakers. If you have any comments on what you would like to see at future university open days please get in touch.

We have the first of our evening meetings on Monday 15th February. Wei-Chun Chu from Pioneer Natural Resources will talk on “The use of wireline formation testers with downhole fluid analysers in thin beds”. See this newsletter for the abstract.

The program for the “Petrophysics in Unconventional Gas Reservoirs” seminar on the 23rd March is taking shape. So far we have confirmed talks from BG Group, Centrica, Halliburton, Leeds University, Leicester University, Schlumberger and Weatherford. I would encourage you all to attend what should be an excellent seminar.

Hopefully you have or are just about to, renew your LPS membership. See attached for a membership form, please complete and forward to Victoria Baines: vbaines@slb.com

All the best

Adam Moss: LPS President



CALL FOR SPONSORS

Over the years the LPS has gratefully received the support and sponsorship from many wonderful companies within the industry. Would your company would consider being a sponsor of our work during 2010 ?

The LPS is a registered charity (1020083), and it exists to promote, for the public benefit, education and knowledge in the scientific and technical aspects of formation evaluation. We do this through our newsletter, our website, evening technical meetings and technical seminars, as well as our University Open Days.

The LPS also provides significant financial support to students and universities in the form of Bursaries for students, and Grants for students and university departments. The scheme is named after Iain Hillier, who served on the LPS committee for many years and made an outstanding contribution to its work. During 2009 we paid out over £6770 in the form of grants, bursaries, student prizes and student travel costs.

We have a programme of evening technical meetings for 2010 and we will hold a number of one day technical seminars on subjects as varied as New Technology, Unconventional Gas, Formation Water and Carbonatess. Students can attend our seminars and meetings free of charge and we will pay reasonable travel expenses.

The LPS organizes an annual University Petrophysics Open Day. The purpose of these Open Days is to bring together industry and academia, and to give students a feeling for just what Petrophysics is and what it is that Petrophysicists do. Over the years these have been held at Imperial College, London (2004 and 2009), Manchester University (2005 and 2010), Leicester (2006), Royal Holloway (2007), and Durham University (2008).

Our sponsors provide a significant element to the funding for these activities. For £750 per year you can have your logo on our website (www.lps.org.uk) with a link to a URL of your choice and you also can place an advertisement in the Market Place section of the website and in our monthly newsletter free of charge.

I look forward to hearing from you soon.

Regards,

Mike Millar

LPS Treasurer
Suncor Energy
1 London Bridge, London SE1 9BG

Tel: 020 7105 6414

Email: mmillar@suncor.com



London Petrophysical Society
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A Chapter of SPWLA

Dates for Your Diary

Monday 15th February, LPS Evening Meeting, Geological Society, London, Piccadilly. 6pm. Wei-Chun Chu – Pioneer, “The Use of Wireline Formation Testers with Downhole Fluid Analyser in Thin Beds”.

Monday 15th March, LPS Evening Meeting, Geological Society, London, Piccadilly. 6pm. Richard Holland – Weatherford, “A new look at Imager Logs (CMI)”

Tuesday 23rd March, LPS One Day Seminar, Geological Society, London, Piccadilly – “Petrophysics in Unconventional Gas Reservoirs.”

Monday 26th April, LPS Evening Meeting, Geological Society, London, Piccadilly. 6pm. George Williamson – Baker Hughes, “Coring and Core Handling”



The Use of Wireline Formation Testers with Downhole Fluid Analyser in Thin Beds

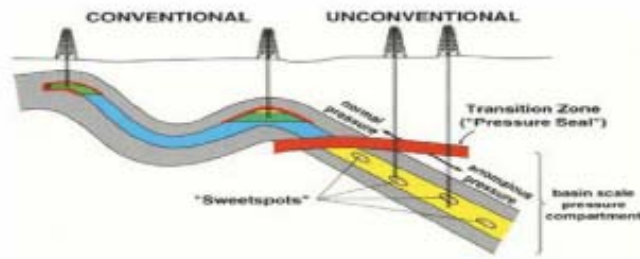
Wei-Chun Chu, Pioneer

This presentation discusses the use of the Wireline Formation Tester (WFT) to identify oil-bearing intervals in a reservoir section that contains thinly-laminated, low-resistivity pay sections in the Ghadames Basin of southern Tunisia. Pay zones previously bypassed by conventional log analysis have been conclusively determined as oil-bearing through use of the tool.

Three field examples are discussed on the use of the Downhole Fluid Analyzer (DFA) to determine hydrocarbon type and in-situ GOR for three different hydrocarbon phase environments.

The presentation also discusses, again through use of field examples, how analysis of the post-DFA pressure response could be used to determine zonal producibility. This zonal producibility from the WFT is then compared to conventional well-test productivity. A close agreement exists between the WFT and conventional well-test productivity estimates. Thus, it eliminates the need for zones to be conventionally tested to determine productivity.

Finally, well performance and production logs acquired in the past two years will be presented to support the WFT results.



The London Petrophysical Society announces a one day seminar focused on:

Petrophysics in Unconventional Gas Reservoirs Seminar

Tuesday 23rd March at the Geological Society, London

Who Should Attend?

Petrophysicists, geologists, reservoir engineers, technical assistants and support staff; all those who are involved or interested in; subsurface data acquisition and associated technology in unconventional reservoirs.

Why?

Tight gas, shale gas and coal seam gas reservoirs are growing in importance. An understanding of petrophysics in these reservoirs is vital. New tools and techniques are required to analyse reservoir potential and optimise field performance.

The technical program includes:

Presentations that cover the latest tools for unconventional gas reservoir logging and data acquisition; integration of core analysis and log data and case studies to demonstrate how these techniques can be applied to answer critical formation evaluation questions.

Presentations by:

Presentations will be made by service providers, universities and gas companies including: BG Group, Centrica, Halliburton, Leeds University, Leicester University, Schlumberger and Weatherford.

Registration Cost:

£150 for LPS/PESGB/AFES/SPE Members

£175 for Non-members

LPS is not VAT registered.

For further information and registration forms visit: <http://www.lps.org.uk> or e-mail:

robert.webber@bg-group.com

