



NEWSLETTER: MAY 2007

Message from the LPS President:

Next Evening Meeting:

On the 21st May at Burlington House Roger Samworth of Weatherford UK will present a talk on log calibration. Please see the attached abstract for what will I'm sure be a very interesting talk:

Why Calibrate Logs?

How many times have you heard this dialogue?

Operator : "This log is wrong".

Logging Engineer: "How can you say that? It calibrated fine."

Operator: "But I *know* what this formation should read."

Logging Engineer (*sotto voce*): "If you know that, why log the ***** thing in the first place?!"

There is a serious point to this. Logs are calibrated in perfect formations in perfect round holes with well known fluid in the hole.

Formations are never perfect. Holes are never round. You never know quite what the well fluid is.

It is becoming a lost art to not only quality control logs but to adapt the interpretation to the situation actually encountered in the well. Logs are seldom completely useless, and it is incumbent upon the analyst to get the most information possible from all that expensively acquired data. This talk will illustrate, and hopefully stimulate some debate, on conditions that can readily be accounted for with a little knowledge and insight into how the logging tools make their measurements, and show that valuable information can be recovered from, apparently, the worst of logs. This can lead to such things, for example, as the ability to get good compensated density logs through casing with an irregular cement annulus.

If we can do this effectively, it does, of course, lead back to the original question: "Why calibrate logs?"

Roger Samworth
Research Director, East Leake
Weatherford UK Ltd.

Bad news I'm afraid:

As we have so far only 5 committed presenters for the 3D Immersive Visualization Seminar initially scheduled for 27th June at BP premises in Sunbury, we have decided that **this event will be postponed to October.**

Cheering up now:



Thanks to Christian Bucker from RWE-DEA who gave a very interesting presentation in April on the Petrophysics for Geothermal Power Generation Prospects that was followed by nearly half an hour discussion with the audience.

Coming up:

Jim White (Schlumberger Aberdeen) will talk on NMR in Gas Condensate environment at our evening talk on Monday the 18th of June.

After the summer break we plan to hold, on 27th September, a Rock Physics/Rock Mechanics seminar.

Finally a special conference on the roots of logging "*Pechelbronn 80*" is being organized by the French chapter of SPWLA, SAID, and the SPWLA from September 27th to 29th 2007.

This special historical reunion in France, celebrating the 80th anniversary of the first logging job, performed in the Pechelbronn field, on September 5th, 1927. It is proposed to hold a meeting in Paris and take excursions to significant sites in Normandy and Alsace.

Patrick Crossouard LPS President



Welcome to Paris, Normandy and Alsace!

Special Conference on the roots of logging

Pechelbronn 80

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September 27-29, 2007

The French chapter of SPWLA, SAID, invites you to participate in this special historical reunion in France, from September 27th to 29th. We take the opportunity of the 80th anniversary of the first logging job, performed in the Pechelbronn field, on September 5th, 1927 to visit the historical grounds that witness these founding events.

The commemoration includes the visit of the site of the lab where the first “bathtub” experiments on resistivity took place, the visit of the Schlumberger museum in Crevecoeur, Normandy, an opportunity to recognize the first examples of logging equipment, and the visit of the Pechelbronn wellsite where it all started, with Henri Doll, Charles Scheibli and Roger Jost., on this day of Fall 1927. We have also approached the management of Val Richer (Normandy) who are likely to let us visit the site of the first surface measurements by Conrad Schlumberger.

To access the wellsite, the conference attendants will take the TGV, train à grande vitesse to cover the distance between Paris and Strasbourg, 487 km (300 miles) in 2 hours and 19 minutes. On the same track, Alstom has just won the world train record at a speed of 575 km/h (357 miles/h).

But this meeting is not only about the old times. On Thursday 27th, a dense technical program about innovation and the plans of the energy segment is set up in Paris. Logging on planet Mars, alternative energies, CO2 sequestration are on the agenda. Students from the prestigious schools who raised the Schlumberger brothers and many more oil industry captains have been invited to liaise with the old timers. We have lined a number of high caliber presenters, but would be pleased to add your presentation along similar lines, that is innovation and future of the industry. Posters are also acceptable.

The organizing committee will make every effort to make your stay in France as comfortable as possible. Though accommodation in Paris will be your responsibility, transportation, visits and lunches will be organized by SAID.

To optimize transportation and lodging, we need to know who will attend. Please contact, Vicki King (Vicki@spwla.org) or Philippe Theys (otheys@aol.com) by email or consult the spwla website indicating which options you wish to take:

- Paris (technical meeting) on September 27th,
- Normandy (Schlumberger museum) on September 28th,
- Strasbourg –Pechelbronn on September 29th.

Though we recommend attendants to participate to the three-day program, we will consider attendance to one or two events only. The full package is expected to be 450 US\$.