

2007 Abu Dhabi Regional Symposium

15th-19th April 2007

Middle East Regional SPWLA Symposium Petrophysics & Brown Field Resource Optimization

The Abu Dhabi Local SPWLA Chapter invites you to participate in this Symposium to be held in Abu Dhabi 15-19th April 2007. In the last few years, we have organized three Topical Conferences focusing on Carbonate Petrophysics, each year with more participants. In 2007 we want to broaden the scope to include Petrophysics related challenges in mature fields across the entire Middle East region. This theme will cover Petrophysics in its broadest sense, illustrating the important roles our discipline can play throughout the entire life of an oil (or gas) field and the contributions it can bring to the optimal operation of the wells and management of the maturing reservoirs. Most of the large oil-fields in the Middle East are more than 25 years old, optimizing their ultimate recovery is becoming increasingly important in a world dependent on oil. These topics will be discussed in the following sessions:

1. Quantifying the Resource: Petrophysical parameters; m , n , S_w & S_{or} , log & core relations
2. Monitoring the Prize: Production logs, reservoir surveillance, pressure testing & sampling
3. Maintaining the Assets: Corrosion logging & well integrity monitoring
4. Locating the Target:
 - Borehole seismic & sonic logging in support of 4D seismic
 - Reservoir characterization, data integration & modeling
5. Reaching the Target: In fill drilling, LWD, Geo-steering & borehole imaging

The Technical Program includes a Panel Session on Data Acquisition strategies in mature fields. There will also be an Exhibition area for demonstrations of new Logging tool technologies, Real Time Data Transmission, Databases, Geosteering, Evaluation and Modeling software etc. In the afternoons there will be Poster Sessions, Workshops and Specialist Forums on:

- Carbonate Evaluation
- Clastic Reservoir Evaluation
- Modern Core Analysis & Quality Control
- Formation Testing & Sampling
- Petrophysical Support for 3D & 4D Seismic Inversion
- Reservoir Monitoring

Call for Abstracts:

You are invited to submit abstracts for the Middle East Regional SPWLA Symposium, in line with the list of the possible topics. Abstracts should be maximum 300 words and include the scope, approach taken, results and conclusions. The Papers presented at this Symposium will be selected by the Technical Committee based on the Abstracts submitted. All proposals submitted by the Deadline will be considered. All authors of

papers selected will be asked to transfer the copyright to the Society of Petrophysicists and Well Log Analysts and the papers will become recognized SPWLA Papers and indexed on the spwla.org website. Commercialism is not encouraged in speaker presentations in line with SPWLA mission and Symposium objectives.

Please submit all Abstracts by the deadline **Monday 20th November 2006** to indicating whether you prefer Oral or Poster presentation. (online abstract submission will open shortly)

Other Activities:

A Geological Field trip will be organized to Al Ain, the Fossil Valley and Jebel Hafit to see late Cretaceous carbonate reservoirs in outcrop.

Another trip will be to see Abu Dhabi's Carbonate Factory; present day equivalent of ancient carbonate and evaporate depositional environments.

Other Activities include:

- Lebanese dinner
- Dune-bashing, camels & Desert BBQ
- SPWLA Regional Golf Championship
- Shuja Yacht Sunset Harbour Cruise & Dinner
- Fishing trip; hamour, barracuda, king fish, trevally

Spouses Activities will include shopping and cultural trips to Abu Dhabi, Dubai and Sharjah

Technical Committee:

Asbjorn Gyllensten (ADCO)	Raghu Ramamoorthy (Schlumberger)
John Hassall (ADCO)	Christian Demski (PDO Oman)
Hans de Waal (Shell)	Cliff Black (BP)
Ed Clerke (Saudi Aramco)	Sharon Finlay (Occidental)
David Allen (Schlumberger)	Vivek Chitale (Halliburton)
Robert Terry (SPWLA Vice-President Technology)	Terry Quinn (Baker Atlas)

More Information: e-mail: asbjorn@adco.ae

Middle East Regional SPWLA Symposium (15th-19th Apr. 2007)
Petrophysics and Brown Field Resource Optimization

The **1st Middle East Regional SPWLA Symposium** was held at the INTERCONTINENTAL HOTEL in Abu Dhabi, UAE from 15-19 April 2007. The official opening was by **Fareed Abdulla, Petroleum Development Manager, Abu Dhabi Company for Onshore Oil Operations (ADCO)**. Total of 185 people attended. 36 Papers and Posters were presented in the various Technical Sessions, which focused on Petrophysics and Brown Field Resource Optimization. Most participants commented favorably on the Quality of the contributions.

Each day the Technical Committee members selected the **Best Presentation of the Day**, the winners were:

Day 1:

Mark Steel (who presented on behalf of Darryl Trcka who was unable to come) (Baker Atlas) Experiences in Middle Eastern Reservoirs of a new Method for the Measurement of Formation Gas using Pulsed Neutron Instruments. (**Paper H**)

Day 2:

Simon Stromberg (PDO) Reservoir Quality, Net-to-Gross and Fluid Identification in Laminated Reservoirs from a new Generation of NMR Logging tools. Examples from the Gharif Formation, Southern Oman. (**Paper R**)

Day 3:

Sherif Farag (Schlumberger) Reliable Hydraulic Fracture Evaluation with a State of the Art Sonic Tool. (**Paper KK**)

In the afternoon **Panel Sessions, Workshops and Specialist Forums** tackled topics ranging from Data Acquisition Strategies for Mature fields to Reservoir Monitoring, Smart Wells and e-fields to Geosteering; Tools and Techniques.

On the last day of the Symposium, 30 people attended the **Geological field Trip to Al Ain and Jebel Hafit**, to see late Cretaceous carbonates in outcrop and observe some of the spectacular folds, faults and fractures created by the tectonics events that formed the Jebel.

In parallel with the Field Trip two Short Courses were organized that covered "**Monitoring Logging in Cased Hole**" and "**Reservoir Simulation for Petrophysicists**". Both courses were fully subscribed - in total nearly 50 people attended.

There was also an **Exhibition area**, where Baker Hughes, Corelab, Gyrodata, Hampton Data Services, Neuralog, Numerical Rocks, PARADIGM, Reslab, Schlumberger, SPWLA and Weatherford presented their products and services including core analysis capabilities, logging tools and interpretation and data management software.

Main sponsors included; **Schlumberger** sponsored the Icebreaker on the evening the Symposium started and also organized the bus for the "Evening in Dubai" excursion, **Baker Atlas** greatly helped with the registration procedures, **National Drilling Company (NDC)** covered the costs of the Shuja Yacht Harbour Cruise and Dinner and **ADCO** sponsored the Short Courses, the Technical Program printing and provided the transport for the Geological Field Trip. This was an important event, which highlighted the contributions the Petrophysics discipline in its broadest sense can provide to our business.

TECHNICAL COMMITTEE

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ALI BARADI, Baker Hughes
Registration: SHARON JOHNSON, SPWLA
Symposium Advisor: VICKI KING, SPWLA Organizing committee: