

DEA workshop examines step change in technology

THE 2004 DRILLING Engineering Association (DEA) Workshop, Step Changes in Drilling Technology, is set for 22-23 June at the Moody Gardens Hotel in Galveston. The conference is sponsored by the **Minerals Management Service (MMS)**.

Registration begins at 7:30 am with coffee service sponsored by **Blade Energy Partners USA**. DEA Chairman **Morris Keene, Occidental Oil & Gas Corporation**, will open the conference with welcoming and introductory remarks at 8:20 am followed by a keynote presentation moderated by Mr Keene.

The keynote address will be presented by **Julio Quintana**, Vice President Exploitation for **Schlumberger Oilfield Services**. Mr Quintana will discuss *Systems Engineering in Research and Development*.

The conference's first session, Rigs I will include two presentations. **Mark Childers** with **Atwood Oceanics** will present *Tender Assist Drilling-A Viable Deepwater Development Concept*. The second presentation, *Slider-Surface Automation for Direction Drilling*, will be presented by **Eric Maidla** with **Slider LLC**.

A break follows this session at 10 with the second session, Downhole Tools I, beginning at 10:30 moderated by **Gary Collins, ConocoPhillips**, and **David Dowell, ChevronTexaco**.

The first presentation, *The Development of the First "TRUE" Oilfield Air Hammer*, will be presented by **John Adam Meyers, Diamond Air Drilling Services**; **Rainer S Beccu, Drillco Tools SA**; and **Tommy E Taylor, Fasken Oil & Ranch Ltd**.

Innovative Downhole Tool to Compensate for Dynamics Pressure Losses in Drilling Applications with Narrow Operating Windows will be presented by **Sven Kruger, Volker Kruger** and **Gerald Heisig** with **Baker Hughes INTEQ**, and **Franco Donati** and **Roberto Fanciulli** with **ENI E&P**.

The third presentation of the session is *Very High-Speed Drill String Communications Network* by **David Hall** with **Novatek/Intelliserve**.

Luncheon and exhibit viewing begins at Noon followed at 1:15 pm with the Drilling Fluids I session moderated by **Ron Bland, Baker Hughes INTEQ**, and **Don Duttlinger, Petroleum Technology Transfer Council**. The first presentation, *Alternative Approaches to Dual*



Gradient Drilling Systems-A Research Update, will be made by **John Rogers Smith, Mikolaj Stanislawek** and **Jack Shelton** with **Louisiana State University**.

The second presentation of the session will be *Maximizing Reservoir Potential Using Enhanced Analytical Techniques with Underbalanced Drilling* by **Sara Shayegi, Emad Bakri Ibrahim** and **Humberto Rueda** with **Halliburton Energy Services**.

A coffee break and exhibition viewing begins at 2:45 pm followed by a session on HPHT at 3:15 moderated by **Mike Harris** with **Apache Corporation**.

Eddie Robertson with **Rowan Companies** will present *Deep Drilling for Natural Gas on the Shelf: With the Introduction to HP/HT Environment, Drilling Contractors Must Take Steps in the Right Direction*.

The next presentation, by **David Lewis** with **Blade Energy Partners**, is *HPHT Deep Gas Well Design Learnings*.

James Griffith with **Halliburton** will make the third presentation of the session, *Finite Element Analysis Simplifies Complex Engineering of Cement Sheaths for HPHT Production Operations*.

A welcoming reception and exhibition viewing begins at 5 pm.

On Wednesday, 23 June, Mr Keene will moderate the second keynote presentation of the conference followed by the

day's first session on Risers. Moderated by **Mike Utt** with **UNOCAL**, the session will feature two presentations. **Hilton Prejean** with **Tuboscope** will present *Full Length Inspection of Marine Risers Utilizing a High Speed Multi-Channel Full Circumference Profiling System*. **Li Lee** and **Don Allen** with **Shell Global Solutions** will present *A Solution to VIV of Drilling Risers in Loop Currents*.

At 10:30 am, following a coffee break, is the Downhole Tools II session moderated by Mr Collins and Mr Dowell. *Turbo-drill and High Speed Bit Analysis in Extreme Drilling Applications* will be presented by **Rocky Seale, Tim Beatson, Sii Neyrfor** and **Carl Hoffmaster** with **Smith Bits Geodiamond**.

Jack Kolle and **Ken Theimer** with **Tempress** will present *Seismic-While-Drilling with a Swept Impulse Source*.

Luncheon follows this session from 11:30-12:30 when the Rigs II session begins, moderated by Mr Keene.

Bryce Levett and **Hugh Elkins** with **Varco Drilling Equipment** will make the session's first presentation, *Continuous Circulation System: Constant Drilling Fluid Circulation Even During Connections*. **James Armstrong** with **WZI Offshore LLC** will present *Drilling the Wetlands Adjoining the GOM for Deep Gas Without Dredging*.

The conference's final session, Drilling Fluids II, begins at 1:30 pm, moderated by Mr Bland and Mr Duttlinger.

Three presentations are included in this session. **Manuel E Gonzalez** with **ChevronTexaco** will present *Wellbore Stresses and Thermal Effects*.

Hong (Max) Wang and **Ron Sweatman** with **Halliburton Energy Services** will present *New Technology Can Widen Mud Weight Windows to Significantly Lower Well Costs*.

The final presentation is *Offshore Managed Pressure Drilling Activity* by **Don Hannegan** with **Weatherford**.

Closing remarks and adjournment follow this session. ■