

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC ART Future Technology Subcommittee Meeting
8:30 am, Tuesday, 21 September 2010
IADC – Houston, TX

Attendance:

Man Pham, ABS Consulting
Justin Thorne, Atwood Oceanics
Dave Fetterly, GustoMSC
Keith Womer, KW Technology Services, Inc.
Andy Shelton, National Oilwell Varco
Clinton Chapman, Schlumberger
Dustin Torkay, Seawell Americas
Rolf Gullaksen, TTS Sense
John Gammage, WearSox

Minutes:

- Mission Statement decided on for Gas Shale Drilling Technology Workshop.
 - Mission:
To give an overview of current drilling technology for developing unconventional oil and gas resources and identify drilling technology needs for optimised economic, social and environmentally acceptable development going forward.

 - Description:
This workshop focuses on the challenges and technology needs associated with oil and gas shale drilling. The workshop will begin with a brief overview of the process of shale exploration, drilling and production. Then the workshop will focus on the drilling process, specifically the challenges and technologies associated with: reduction of drilling costs through purpose built rigs, automation and production line processes; addressing environmental issues such as drilling in urban areas; and social challenges. The workshop aims to not only educate in terms of available technologies, but also to identify technology needs.

- The format of the Gas Shale Drilling Technology workshop will be similar to our successful stick-slip workshop back in July:
 - 2-3 presentations which are an overview of shale plays (one will include formation evaluation as well as completion, to get a complete view)
 - A series of presentations of drilling issues, specifically:
 1. Super compact drilling
 2. Remote directional drilling
 3. Hydraulic rigs / sound pollution
 4. Urban drilling challenges
 5. Grid powered rigs
 6. Assembly line / industrial drilling

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- A roundtable which allows the audience to ask questions of the presenters as a group
- An attempt to identify key technology needs
- Speaker gathering responsibilities:
 - Jan Brakel to ask for speakers at Shell, H&P, and others.
 - Keith Womer to ask for speakers at Blade and Chesapeake.
 - Tom Geehan to ask for his contact, sociology professor to speak.
 - Rolf Gulkasen to ask contact to speak on urban rig.
 - Andy Shelton to find NOV remote directional drilling and/or batch drilling speaker.
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- Date availability @ Omni (Holly/IADC to report on availability at Omni Hotel in Houston)
 - 1st choice January 20th
 - 2nd choice January 27th
 - Dustin Torkay to check for overlapping conferences in January/February.
- IADC/SPE Stick Slip Paper
 - Dustin Torkay to produce outline by October 1st.
- Next meeting date
 - October 12th @ 9:30 CST