

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



10370 Richmond Ave., Suite 760; Houston, TX 77042
713-292-1945; Fax, 713-292-1946
mike.killalea@iadc.org

IADC Future Technology Subcommittee Meeting
9:30 am, Thursday, 10 March 2011
IADC – Houston, TX

Attendance:

Dustin Torkay, Archer Well
Mike Killalea, IADC
Yancy Xiong, Landy Energy Services, Inc.
Wenbo Liu, Landy Energy Services, Inc.
Thomas Geehan, MI Swaco
Jan Brakel, Shell International E&P
Lea Huegel, Stran Technologies
Rolf Gullaksen, TTS Energy
Richard Hanson, World Energy Group

Minutes:

1. Review Shale workshop.
 - a. How did it go?
 - i. Good feedback from survey, 2/3 of attendants responded.
 1. Half day format is popular.
 2. No big conclusions from workshop, or magical technologies.
 3. Seems to be additional need for the following:
 - a. Improved communication & do more to educate public.
 - b. We have come a long way but economics and lower costs are going to be drivers for shale technologies.
 - c. There is a strong business case for developing shale drilling technologies.
 - ii. Facility had good reviews
 - iii. What we did well.
 1. Reviewed presentations and coordinated content resulted in broad topics on shale drilling that wove together needs from a wide section of the drilling industry.
 2. Positive speaker comments
 - b. What could we do better? Lessons learned
 - i. Round table discussion. (no break before roundtable)
2. Whats next for FT?
 - a. Update our 2009 survey results?
 - i. Decision on this was to continue to focus on the obvious high need areas in the industry which still appear to be relevant from 2009.
 - ii. Since we have done mini surveys at the ART conference and workshops the committee feels that our focus on industry pains are still relevant.
 - b. Future workshops?
 - i. Condition / Assent Monitoring appears to be the next topic of focus. Some suggestions and ideas are listed below

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1. Look at both rig equipment condition monitoring and wellbore condition monitoring as a whole.
 - a. Drilling Asset Optimization
 - b. Mission: 'To investigate the opportunities to improve the overall well construction process by better integration of the surface and sub-surface assets at the drilling site.'
2. Topic is technical but broad. It was suggested that we put together a roadmap to help identify what we want to focus on and how we want to get there.
 - a. Open or closed approach with respect to system interfaces?
 - b. Some overlap with DSTATS, Reliability and Controls group.
3. IADC/SPE Amsterdam Conference.
 - a. SSM paper Presentation.
 - i. Presentation went well.
 - ii. Lots of audience interaction and feedback.
 - iii. There is interest in hosting a workshop overseas. We may possibly piggyback onto another IADC conference.
4. Assignments for Committee members:
 - a. Bring someone to the next meeting who you think would be a good contributor.
5. Next meeting date
 - a. April 14th 9:30am CST