

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS



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IADC Future Technology Subcommittee Meeting
8:30 am, Tuesday, 11 January 2011
IADC – Houston, TX

Attendees:

Ray Pereira, Drillmec Inc.
Mike Killalea, IADC
Keith Womer, KW Technology Services
Thomas Geehan, MI-Swaco
David Reid, National Oilwell Varco
Andy Shelton, National Oilwell Varco
Dustin Torkay, Seawell Americas
Egill Abrahamsen, Weatherford

Minutes:

1. Review Final Workshop Agenda

Workshop Agenda:

Gas & Oil Shale Drilling Technology Workshop:

- 1:00pm Introduction- Dustin Torkay; Seawell Americas
- 1:10pm Overview of Shale plays (Moderator: Dustin Torkay; Seawell Americas)
 - Operator Perspective (30mins): Hans van Marle, Shell.
 - Overview of different shales
 - Completions
 - Investment outlooks
 - Perceived technology needs for future
 - Drilling Contractor Perspective (30mins) Brian Tucker, H&P
 - Shales and rig utilization
 - How rigs are evolving to suit modern shale drilling
 - Perceived technology needs for future
 - Sociology of Urban Drilling (30 mins): Professor Gene Theodori, SHSU
 - Urban drilling challenges
 - Public perception, etc.
- 2:40pm Break 30 mins Sponsored by NOV
- 3:10pm Shale Drilling Technology's, 20 min each (Moderator: Keith Womer; KW Technology Services)
 - Presentation topics
 - Well Manufacturing & Optimization Technologies- Niels Meissner, NOV
 - Hydraulic Rig in Urban Environment, Vince Fournier, TTS
 - Completions Technologies – Robert Lestz, Gas Frac.
 - Audience interactive round table discussion with Q&A
- 4:50pm Summary and Conclusion
 - o Barriers
 - o Are the technologies cost effective?
 - o Are certain contractors better than others in urban environment?
 - o Technology transfer from US to Europe?

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- Social barriers and associated costs.
 - Ground water
 - Sound abatement

- 2. Speaker follow ups.
 - a. Shell
 - b. H&P
 - c. SHSU
 - d. NOV
 - e. TTS
 - f. GasFrac – Tom G to provide Contact info
 - g. Rough Draft of speaker presentation due Jan 18th.
 - h. Alternate speakers?
 - i. Alternate speaker possibilities
 - 1. Ensign
 - 2. Halliburton
 - 3. Blade - Ian Davidson

- 3. Participant survey questions.
 - a. Robert U. will provide some reliability based questions.

- 4. Next Meeting Jan 20th 9:30 am IADC Houston.
 - a. Presentation Review
 - b. Fine tune survey