

International Association of Drilling Contractors



Drilling Engineers Committee Forum
11 June 2014
Weatherford
2000 St. James Place
Houston, TX 77056

Agenda

08:30	Coffee and Business Cards, Welcome & Review of Agenda – Ben Bloys, Chairman
08:45	LPG Use During Hydraulic Fracturing – Robert Sage, Gasfrac The presenter will examine GASFRAC's LPG hydraulic fracturing technology along with the economic benefits. Throughout the presentation, the presenter will provide various case studies as a result of field trials.
09:15	Hydraulic Fracturing – Joseph Munisteri and Steve Appelbaum, MBJ Water Corporation MBJ seeks access to a well on the basis of the current normal practices for biocide treatment, slick water, surface tensioning and water recovery operations. These functions are not changed. MBJ has a treatment unit as part of a system to reduce water requirements. For this, MBJ has built and 3rd-party tested units ready for field-testing to confirm capacity, operational simplicity, and efficiency.
09:45	An Overview of Waste Management and Minimization Practices as Related to Various Drilling Fluids Types – Scott Gordon, Newpark Drilling Fluids Drilling waste management practices are subject to federal and state regulatory. A world-wide trend in legislation has enforced stringent limits with greater enforcement. Implementation of a viable waste management strategy should include all variables that effect operations. Minimization practices have been recognized by operators as an important commitment and critical to the drilling process. Drilling fluid selection, solids control equipment, and optimizing dilution rates all impact the waste disposal issues since these items all are interrelated.
10:15	Break
10:30	Managing Solid Drilling Waste Through Engineered Solutions – Blake Scott, Scott Environmental Solid drilling waste management affects both costs and the environmental. Differences in drilling muds, formations drilled through, state rules, and geographies, often create multiple outcomes that are not consistent from well to well. The management of the disposition of solid drilling waste should be engineered on each well. By considering the various options that are available, the operator can save money and dramatically reduce future liability.
11:00	Natural Gas in Upstream Operations - Patrick Wilson, Texas Railroad Commission Will summarize the evolving state of play in the transition from diesel-fueled, high horsepower equipment to natural gas fueled equipment in drilling and production. I will cover three general areas: Safety, Economics and Infrastructure.

11:30	<p>Green Chemical Products – Shawn Lu, Weatherford</p> <p>There is an increasing focus in hydrocarbon exploration and production to provide products that are cleaner, safer, and more biodegradable in the environment. With the software platform GreenWercs, algorithms and data are pulled from a number of internationally recognized environmental and regulatory bodies to score the user and environmental impact of the final product based upon the identity of the component chemistries being used. Microtox testing, a technique widely used in the Oil & Gas industry in countries like Canada, the UK and Australia, gives the ability to conduct quick, easy and effective empirical evaluations of both new and existing products in the chemical product line.</p>
11:45	<p>Lunch sponsored by Weatherford</p>

All meetings must have a written agenda that is circulated prior to the meeting. Attendees must strictly follow the agenda. Topics not on the agenda must be deferred until a later meeting.

Meeting minutes will be posted on the Committee's website following endorsement by Committee leadership and meeting attendees. Attendees should be aware that: 1. IADC staff shall audio record meetings for purposes of facilitating capture of meeting minutes; and 2. The final published minutes will include a record of who attended the meeting. The audio recording shall be destroyed immediately following endorsement of the minutes.

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