

International Association of Drilling Contractors



DEC Technology Forum
15 September 2014
Halliburton
3000 North Sam Houston Pkwy East
Houston, Texas

Agenda

08:30	Coffee and Business Cards, Welcome & Review of Agenda – Ben Bloys, Chairman
08:45	Shale Driller Rigs - Ed Jacob – Independence Contract Drilling <i>The presentation will focus on the design of shale drilling rigs and how the new designs are producing substantial cost savings for the drilling contractor and producer.</i>
09:15	PDC Bit Innovations for Today’s Complex Shale Wells - Dan Scott – Baker Hughes <i>The presentation will highlight material and design innovations in PDC cutters, hardfacing, bit design, and steerability, which are yielding substantial improvements in bit performance in today’s complex well profile. Case studies will be shown to demonstrate the benefits in diverse unconventional resource development.</i>
09:45	How to Continue Lower Drilling Costs in Shale Drilling After That Steep Learning Curve – Eric Maidla – TDE Petroleum Data Solutions <i>The presentation will focus on the automatic determination of the rig state and how this can be used to identify invisible lost time, crew performance, rig performance, directional drilling performance, and job safety.</i>
10:15	Break
10:30	Next Generation Wired Pipe Capabilities – Ted Christiansen – NOV <i>Intelliserv2™ is NOV's second generation development of its wired pipe network technology. Significant advances have been made which include a New Network Controller, Enhanced DataCable, Next Generation Intellicoil and a redesigned downhole DataLink2 system. The improvements are expected to provide a more robust and lower cost system able to connect with more third party systems/devices.</i>
11:00	Alcoa Drill Pipe Reduces Drilling Costs by Increasing Rig Capability and Increasing ROP in Motor Horizontal Drilling – Jeff Lehner – Alcoa Oil and Gas <i>This presentation will highlight two case histories focused on reducing drilling costs: (1) Alcoa Drill Pipe is currently being used to increase smaller rig depth capability in the Marcellus and Utica shale and (2) a series of tests recently completed demonstrating increased ROP in motor horizontal drilling using Alcoa Drill Pipe in place of standard steel pipe.</i>
11:30	CTU Operations in Extended Reach Laterals – Iain Thomson – Halliburton <i>In order to meet the demand for reliable energy, operators are turning to unconventional resources. Unconventional Shale well construction optimization has taken on a factory</i>

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	<p><i>construction approach with over 20,000 horizontal wells being drilled each year in the US. Tight rock in the longer horizontal shale-oil plays requires multistage fracturing to maximize oil recovery. With the introduction of new drilling and fracturing technologies and the drive for efficiency improvements continues, pad drilling, wells with 40 stages and depths of up to 22,000 ft are become more increasingly common. Coiled tubing plays an essential part in the completion operations in these wells. CT Service providers are being challenged with developing ways to complete these longer lateral wells with increased speed and efficiency while maintaining or improving safety performance. These wells often require larger coiled tubing units, larger OD strings and optimized, tools fluid systems and processes. This presentation discusses the various completion techniques together with the coiled tubing processes, bottom hole assemblies (BHA's) and surface equipment packages that have been developed to meet these challenges.</i></p>
12:15	Lunch sponsored by Halliburton

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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