



Human Performance in Well Control WORKSHOP

FREE EVENT

*In conjunction with the 2019 SPE/
IADC International Drilling Conference*

Monday, 4th March 2019, 13:00-17:00
World Forum, The Hague

REGISTRATION

For info or questions contact Steve Kropla, IADC, at +1.713.292.1945 or Steve.Kropla@iadc.org.
Invitees can register for this free event online at: www.iadc.org/register-wcw

OBJECTIVES

“Human Performance” is the consideration of what people do as part of their operational roles and responsibilities which can be influenced by physical, psychological, social or organizational factors. Human performance is also recurrent contributing cause in the well control accidents, whether through an error in detection, analysis, or the response. The identification and management of those underlying conditions that influence human performance is critical to robust well control.

Building upon past workshops introducing the topic of HP to the industry, this interactive half-day workshop will discuss methods to put the industry on a track to wide adoption of best practices to improve human performance in routine operations. With a specific focus on the challenges of well control. It will highlight past recommendations and review the latest insights to further the industry on the journey towards integrating human performance into operational practices.

The goal is to identify methods addressing these factors to improve human performance by reducing opportunities for mistakes and non-conformance through the presence of appropriate controls. In contrast, if gaps exist where attention is required in industry, those will be captured. For best results, participants are encouraged to follow the steps listed in the “Preliminary Preparation” section.

PROGRAM

13:00 - Introduction & Integration
14:00

The focus of this session will be to establish a common understanding of Human performance. Discussion will explore gaps between the best practice in human factors integration and the current state of the industry.

13:00 Foundation principles of Human Performance

Chris Parker, BP

13:15 Are We Speaking the Same Language? The Human Factors Lexicon

Mark Denkowski, IADC

13:30 The Importance of Cross Company Collaboration

Chris Parker, BP

13:45 Discussion

- What are the foundational aspects of human performance and human factors?
- What system factors impact human performance leading to a well control accident?
- Where is the industry in terms of Human Performance and where should it be?

14:00 - Part 2: Panel Discussion - 15:40 Applications & Tools

This segment will feature presentations of what is presently being done within areas of Human Performance in industry. Audience discussion will explore how to best manage Human Performance risks or institute adequate controls.

Taking Well Control Drills to a New Level - DrillPAD

Marcel Robichaux, Chevron

“My Wells Barrier” - Focus on Individual Roles

Kenny Adams, KCA Deutag

14:40 Break

Development and Testing a new Surface Drilling Blow Out Preventer (BOP) Activation Technology

Michael Affleck, Saudi Aramco

Individual Company Initiatives

Jack Hinton, Baker Hughes/GE

Ade Solarin, Maersk Drilling

15:40 - Part 3: Future Vision & Path 17:00 Forward

How do we get the industry where we want it to be in terms of Human Performance?

- Are current initiatives addressing the most significant risks?
- What more needs to be done? How can it be accomplished?
- How do we progress this effort and sustain it?

PRELIMINARY PREPARATION

By way of preparation for the workshop, it is suggested that delegates undertake the new Energy Institute eLearning foundation module on human performance. The course can be completed in a maximum of two hours and can be completed in a single sitting or in a series of short sessions. Completion of this activity will provide the participants with a common starting point for the workshop itself. The course is available at:

<http://www.eihoflearning.org/about.php>

Participants are also invited to share one or two slides which describe their own internal efforts to improve human performance in well control. Further details will be provided upon registration.

In lieu of slides, participants may also provide posters which may be displayed and discussed during the workshop.

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