Conference Agenda

OWC 2014 Pre-Conference Day: May 27

3.00pm – 5.00pm: Pre-Registration Opens
2.00pm – 5.00pm: Technology Showcase Hall Set Up

3.30pm – 5.00pm: Introduction to Well Control Workshop & Discussion

- Evaluate the differences between well control and well control prevention and evaluate what well stability means to Well Integrity.
- Discuss how key regulatory agencies define mechanical well barrier and what they have in common
- Understand how real time data can enhance risk management with respect to Process Safety and Well Control prevention
- Discuss the difference between conventional real time optimization systems, versus one built on reliability and risk management

David Pritchard, Owner, Successful Energy Practices International

5.00pm – 7.00pm: Technology Showcase Hall Opens
5.00pm – 7.00pm: VIP Pre-Conference Networking Drinks (Open to speakers, sponsors, exhibitors and premium pass holders)

7.00pm: End of Pre-Conference Day
OWC 2014 Conference Day One: May 28

6.45am: Conference Registration Opens
6.45am – 8.00am: Coffee Available in the Technology Showcase Hall

8.00am: Offshore Network Welcome: James Taylor, Director, Offshore Network

8.05am: Chairman’s Opening Address: Kevin Lacy, Senior Vice President of Drilling and Completions (Retired), Talisman Energy

Section 1: Safety & Well Control: Context Setting

8.10am: Well Control Events - Analysis, Statistics & Focal Points
- Benefit from understanding how well control events can be defined, measured and analysed
- Receive a breakdown of key well control statistics to put this critical discipline into context
- Understand some of the key well control focal points during the well construction phase

   David Foster, Well Construction Manager - Well Operations Group, Transocean

8.30am: Well Control Events: Prevention and Response
- Benefit from a “loss of well control event” discussion from BSEE and apply the findings to your well control program to enhance safety
- Receive an analysis of recent events in the Gulf of Mexico to understand the failings that led to each event
- Get the latest updates around prevention & response for well control events to equip yourself with the latest experience direct from the regulator

   Lars Herbst, Regional Director – Gulf of Mexico OCS, BSEE

9.00am: Cross Border Learning, Quality Standards and Risk Level on the Norwegian Continental Shelf
- Benefit from an overview of the PSA’s Post-Macondo study including general conclusions from the North Sea Offshore Authority Forum (NSOAF) audit on well control
- Understand the main priorities the PSA has identified, including supervisory activities, risk management and barrier management objectives
- Receive an overview of the risk level on the Norwegian Continental Shelf, analysis of well control incidents and well integrity status

   Kristen Kjeldstad, Principal Engineer, Petroleum Safety Authority Norway
9.30am: Experience and Insights as to the Precursors of Major Accidents & the Role that Leadership, Process & Culture Play

- Investigate how we underestimate key risks and analyze why process is such a negative concept in North America to apply the findings to your organization
- Learn how leadership, a common factor in all disasters, is minimized in the role of preventing major accidents and how this can be improved for better safety performance
- Understand why culture is the first and last barrier to escalating a risk into a disaster to mitigate the threat of major accidents to your business

Kevin Lacy, Senior Vice President of Drilling and Completions (Retired), Talisman Energy

10.00am – 10.30am: Coffee Break – Technology Showcase Hall

10.30am: U.S. Oil & Gas – A Safety Culture Enigma

- Examine accident theory as it relates to the oil & gas industry, military aviation and nuclear power domains and discuss a new model of safety culture
- Analyze 5 major accidents from similarly complex environments to distil the strategic failings that were fundamental contributors and apply potential lessons learnt to your safety culture
- Benefit from an overview of the Deepwater Horizon disaster and the associated safety culture of the oil & gas industry using the lessons learned from a safety culture model

Rob Adlam, Assistant Client Manager, Check-6

Section 2: Training & Human Factors (Pt. 1)

11.00am: OGP 476 Recommendations for Enhancements to Well Control Training, Examination and Certification

- Outline the implications of 476 to those parts of the industry not previously exposed to well control training
- Receive an overview of the IWCF implementation of OGP Report 476 and the updates that will be made as a result of the report
- Understand how syllabus reviews will include barrier management, casing, cementing, risk assessment and contingency management will ensure role specific training to improve overall competencies

David Price, Chief Executive Office, International Well Control Forum

11.30am: Shell Case Study: Advanced Well Control

- Discuss how “Normal” well control, operations can be monitored and controlled using drill pipe pressures and parameters
- Understand why it is essential to both monitor and control the annulus in “Advanced” well control
- Gain insight into the critical advanced well control criteria that Shell’s course addresses and implement lessons learnt

Richard Quick II, Global Learning Advisor for Well Control, Shell Global Solutions (US) Inc.
12.00pm: Designing & Implementing a Business-Driven Competency & Development Program

- Develop a unique program that links work processes, business performance, employee training, competency development & employee engagement for improved business results
- Review how the program was implemented globally for 10 product service lines and eight support groups in eight regions and provides a standard for developing employees
- Understand how effective development and engagement of employees improves business performance in the areas of service quality, HSE employee retention and financial results

Jorge Leuro, Global Employee Development Manager, Halliburton

12.30pm – 2.00pm: Lunch & Networking Break

Section 3: Ensuring Well Control Competency

2.00pm: Shell’s Implementation of Process Safety & eWCAT

- Benefit from an overview of Shell’s implementation efforts of eWCAT, which is designed to identify risk and mitigate impact to people and the environment
- Understand how this framework outlines accountability & assurance requirements through standards and supporting documents to existing and future assets to manage exposures
- Learn how eWCAT verifies compliance with requirements for well control integrity through the Well Control Model, identifying minimum requirements for equipment for well control

Marco op de Weegh, Well Control & Design Integrity Team Lead, Shell Projects & Technology

2.30pm: Owning the Process Safety Moment

- Understand how to develop integrated process safety management across all stakeholders on a project to secure real time compliance assurance
- Develop a real time risk management and response process to enhance detection, launch workflows, activate surveillance and analyse an event
- Create demonstrable value through your process safety management system by continuous improvement and enable operational efficiency and execution

Sunil Jose, Product Manager - Operations Surveillance, Baker Hughes

3.00pm: Using Real-time Data to Positively Impact Well Control Outcomes

- Gain an insight into the quality of drilling data typically used by the industry today and how this could be effecting well control outcomes
- Understand the processes available to enhance the value of real-time data and apply to your drilling operations for improved well control
- Discover how modelling can add or detract from the information value of data and how this ultimately impacts your well control capabilities

Paul Sonnemann, Vice President of Technology, SafeKick
3.30pm – 4.00pm: Coffee Break in the Technology Showcase Hall

4.00pm: Well Barrier Management & Verification

- How to define primary and secondary barriers for all types of well operations with an easy method to ensure understanding amongst all stakeholders
- Identify well barrier elements used to build well barrier envelopes, their qualification and monitoring during all types of well activities in the lifecycle of the well.
- The benefits and strengths of using Well Barrier Schematics to demonstrate compliance with regulatory and internal requirements

Tore Fjågesund, Managing Director, Wellbarrier AS

4.30pm: Enhanced Safety and Drilling Efficiency Through Increased Visibility to the Wellbore

- Reduce uncertainties through use of advanced flow detection systems to ascertain actual pore and fracture pressures in real time
- Improve detection of micro-influxes and losses through closed loop drilling system wellbore monitoring to improve performance
- Enhance identification and control of kicks and losses through automated monitoring, detection and response systems and processes

Brian Grayson, Director Pressure Control Systems - Drilling Optimization Services, Weatherford

5.00pm: Drill Hazards Management

- Gain an overview of how industry is doing with respect to hazards management, and well control and evaluate potential differences between Safety, and Process Safety
- Understand the impact of accumulated risks and “The Tipping Point” and what this means for risk management in your well control program
- How can real time data enhance drilling hazards and risk management with respect to Process Safety and Well Control prevention in rotating time and flat time operations

David Pritchard, Owner, Successful Energy Practices International

5.30pm: Chairman’s Closing Remarks

5.45pm – 7pm: Networking Drinks in the Technology Showcase Hall (Open to all conference attendees)

End of Conference Day One
OWC 2014 Conference Day Two: May 29

7.30am: Registration Opens
7.30am – 8.15am: Coffee in the Technology Showcase Hall

8.20am: Chairman’s Opening Remarks: Kevin Lacy, Senior Vice President of Drilling and Completions (Retired), Talisman Energy

Section 4: Training & Human Factors (Pt. 2)

8.30am: Human Factors Interactive Discussion
• Evaluate the ways in which human factors training and coaching can be integrated into your well control program to improve overall performance
• Understand how to reinforce human factors training and coaching on your drilling rigs to develop an appropriate culture of well control competency
• Discuss the importance of critical measuring & testing processes to understand the effectiveness of your training and how it is being used

George Galloway, Development Director, The Well Academy

9.00am: Competence Assurance - Building a Comprehensive & Global Program in the Post-Macondo World
• Discuss the post-Macondo drive to meet regulatory & contractual requirements when implementing a global competency program
• Gain clear insights into Baker Hughes’s story, what they did, what was effective, lessons learned and where they are today
• Benefit from a look at the expected and unexpected results and how the program has grown and evolved and the next steps in expanding the program

Anthony Gaucher, Director Training and Competency, Baker Hughes

Section 4: Planning

9.30am: Can Oil Spill Response Plans (OSRPs) be Functional and Regulatory Compliant?
• Discuss how OSRPs can be developed from compliance documents into functional tools that can improve operational performance
• Learn how API has developed a tool in which Information is presented in a logical and sequential manner to improve functionality
• Understand how actionable information should be combined with general background information and how guidance for scaling up to a Tier 3 incident should be provided

Marty Cramer, Emergency Response Coordinator, ConocoPhillips

10.00am – 10.30am: Coffee Break in the Technology Showcase Hall
10.30am: Emergency Response Planning

- Get a breakdown of corporate policies for emergency response planning best practice and engender a preventative culture of training in your organisation
- Discuss hazard analysis procedures to help identify potential risks to your drilling operation and mitigate risk through the identification of early warning signs
- Discuss Incident Command Planning & Incident Command Systems to understand how you can effectively command, control and coordinate your emergency response actions

Trendsetter Engineering

Section 5: Risk Assessment

11.00am: Operationalizing Risk & Barrier Management into Operations Process Safety KPI’s

- Benefit from the insights of Magne Ognedal, ex-Director General of the Norwegian PSA, as he analyses major accident events and how lessons were applied to improve safety
- Listen to a safety case at Songa Offshore and HSEQ team effort to introduce operations focused barrier safety and leading process safety monitoring KPI’s for decision support
- Understand the full cycle from PSA barrier safety & risk management system audit activity & their implementation of MTO process safety KPI’s solution to reduce LOC and major accident threat in operations

Magne Ognedal, ex-Director of Norwegian PSA - Senior Industry Advisor, Presight Solutions AS
Karl Erik Dahl, Director – Offshore Energy Products, Presight Solutions AS


- Understand how to improve your barrier management system for human safety, environmental protection, operational efficiency & to ensure acceptable recovery
- Receive an overview of new technologies which aid operational & auditing requirements for well barrier systems & identify processes, competencies & responsibilities for individuals
- Analyze the true requirements for a new management system as well as the supporting governance & process map required for it to have a positive impact on barrier assurance

Peter Kowalchuk, Global Consulting Partner, Halliburton Consulting and Project Management

12.00pm – 1.30pm: Lunch Break

12.30pm – 1.15pm: Blow-Out Response & Containment Lunch Workshop

- Evaluate the well background, blowout circumstances, preliminary planning & engineering and response activities pursued to understand the scope of the project
- Receive a detailed chronological history of the project, including video of blowout conditions, a simulation of the deployment technique and video of the capping attempt
- Understand how unexpected complications of jet-plume dynamics impacted capping stack stability and resulted in engagement with NASA to develop a unique modeling system

John B. Garner, Manager – Well Control Engineering, Boots & Coots
1.30pm: Barrier System Interface Management

- Receive a breakdown of post-Macondo regulations, standards and practices and how they can be implemented as a barrier system in well design, construction and operation
- Benefit from an analysis of various well control incidents and the role of barriers, bridging documents and safety and environmental management plans to enhance well control
- Understand how a single point of contact for barrier system interface management and communication can greatly reduce the risk of well control failure

Scott Randall, Managing Director, PlusAlpha Risk

2:00pm: Managing Blowout Risk Through Precursor Analysis

- Understand the Accident Sequence Precursor (ASP) analysis approach to managing major accident risk during drilling operations
- Learn what the precursors are for a blowout event and the factors that can affect probability of precursor occurrence.
- See how a blowout risk model can be developed using the precursors and RIFs to identify precursor criticality and implement risk control options for enhanced reliability

Smarty Mathew John, Equipment & Drilling Systems Group, ABS Houston Offshore Engineering

2.30pm: Managing Operator, Drilling Contractor and Service Contractor Interface Risk

- Understand the dynamics of contractual relationships and how risk is shared between parties to improve your contractual risk management
- Gain insights into the inherent deficiencies in the application of contractual governance on the drilling rig and apply discoveries to your contract management
- Benefit from a look at the Principles of Alliance Governance and how this is applied with drilling and service contractors to reduce your risk exposure

Robyn Stephens, Principal Consultant - Oil & Gas, Atkins Global

3.00pm – 3.30pm: Coffee Break in the Technology Showcase Hall

Section 6: Equipment & BOP Reliability

3.30pm: Challenges of Critical Safety BOP Control Systems

- Receive a breakdown of the typical challenges faced by operators/contractors in the reliability of critical safety systems
- Apply industry best practice to your operations to mitigate the risk of control system failures and improve your equipment reliability
- Understand the latest updates to regulations associated with the monitoring of BOP’s and the placement of censors to ensure compliant operations

Earl Shanks, OIE Chief Technologist, Oceaneering International
4.00pm: BOP Risk Model
- Outline the BOP risk model built specifically to eliminate traditional problems associated with determining to continue or suspend drilling operations
- Understand how this risk model mitigates existing issues including inconsistent decision making, bias or lack of sound engineering principles, reducing the risk to your assets
- The risk model is custom built for specific equipment, environment, regulations and operational procedures to give a holistic and informed decision making

    Mike Crosby, Business Development Manager, Lloyd's Register Energy – Drilling

4.30pm: Big Quality Equals Better Business
- Understand the changes that have taken place for requirements following the Deepwater Horizon oil spill through the revision of API Spec Q1 and introduction of API Spec Q2
- Gain an overview of quality standards that at times were optional in the oil and gas industry and are now becoming mandatory in this post-Deep Horizon risk-focused environment
- Analyze the implications for leadership, risk management, oversight, management of change and business processes beyond control and manufacturing

    Oscar Combs, Senior Consultant, The ISO 9001 Group

5.00pm: Chairman’s Closing Remarks

OWC 2014 Conference Closes