



2015 BSEE Domestic and International Standards Workshop

Cementing Session Agenda

May 8, 2015
University of Houston Hilton

The cement job has been identified as a contributing cause of the well control failure in both the 2010 Macondo blowout and 2013 liner seal incident. This session will highlight 4 cementing issues that were raised in the Macondo reports and liner seal investigation, specifically: cement evaluation, barriers and cement integrity during plug and abandon operations, sustained casing pressure and borehole-cleaning evaluation. This session will discuss cementing-related domestic and international standards, current status and needs of the regulations, and international approaches and views.

Check-in time: 7:00 a.m. to 10:00 a.m.

8:00 a.m. – 9:00 a.m.	Introductory Session Welcome – <i>Christy Lan, BSEE</i> Safety Moment – <i>Julian Pham, BSEE</i> Opening Remarks – <i>Brian Salerno, BSEE Director</i> Standards Past, Present and Future – <i>Doug Morris, Chief OORP</i>
9:00 a.m. – 10:30 a.m.	<ul style="list-style-type: none"> ● Cementing Session Introduction - <i>Christopher Martens, BSEE</i> <ul style="list-style-type: none"> ○ Welcome and overall introduction to BSEE Cementing Session and objectives, agenda overview and format ○ Cementing job as a major contributing factor for many loss of well control incidents including Macondo ○ What are the needs of U.S. regulatory agencies? ● Borehole Cleaning Introduction - <i>Christopher Martens, BSEE</i> ● Annular Gas Migration: A Unique Perspective - <i>Loran Galey, Apache</i> <ul style="list-style-type: none"> ○ How can we improve borehole cleaning and gas migration? ● IADC Drilling Manual and Cementing Chapter - <i>Kate Baker, IADC</i> <ul style="list-style-type: none"> ○ Overview of the new cementing chapter in the IADC drilling manual
10:30 a.m. – 10:45 a.m.	Break
10:45 a.m. – 12:15 p.m.	<ul style="list-style-type: none"> ● Cement Evaluation Introduction - <i>Christopher Martens, BSEE</i> ● Cement Evaluation – A Risky Business - <i>Glen Bengé, Bengé Consulting</i> <ul style="list-style-type: none"> ○ How to improve cement evaluation. Framework of proper evaluations using field data analysis, pressure testing, passive and active well logs ● Open Dialogue Forum – <i>Glen Bengé</i> <ul style="list-style-type: none"> ○ Discussion for the audience on any questions, suggestions, requests ○ Standards requests
12:15 p.m. – 1:15 p.m.	Lunch
1:15 p.m. – 3:00 p.m.	<ul style="list-style-type: none"> ● Petroleum and natural gas Industries – Well Integrity Standard – <i>ISO 16530-1 Well Integrity Lifecycle Governance Document</i> - <i>Paulus Hopmans, Shell/ISO</i> <ul style="list-style-type: none"> ○ Overview of the ISO Well Integrity document including its history, status,

	<p style="text-align: center;">development and approach by the Well Integrity Management System</p> <ul style="list-style-type: none"> ● Cementing Standards Update - <i>Dan Mueller, Conoco</i> <ul style="list-style-type: none"> ○ Review of the status of multiple cementing standards ○ SC 10 documents as well as 65, 65-1 ● Sustained Casing Pressure - <i>Christopher Martens, BSEE</i> <ul style="list-style-type: none"> ○ Current regulatory process for SCP, regulatory perspective ● Industry Practices to Address SCP - <i>Ronald Sweatman, RS Consulting LLC</i> <ul style="list-style-type: none"> ○ SCP causes, industry standard practices and management of SCP
<p>3:00 p.m. – 3:15 p.m.</p>	<p>Break</p>
<p>3:15 p.m. – 5:00 p.m.</p>	<ul style="list-style-type: none"> ● Plug and Abandonment - <i>Christopher Martens, BSEE</i> <ul style="list-style-type: none"> ○ Regulatory perspective on P&A operations, and the future ● Strategies for Cost-Effective, Reliable Long-term Well Abandonment - <i>Mike Cowan, CAZIT Inc.</i> <ul style="list-style-type: none"> ○ Well Abandonment strategies ● Standards Requests: Facilitated Session- <i>Co-facilitators: Dan Mueller and Glen Benge, Conoco and Benge Consulting</i> <ul style="list-style-type: none"> ○ Discussion for the audience on any questions, suggestions, requests ○ Standards requests ● Closing Remarks – <i>Christopher Martens and Julian Pham, BSEE</i> <ul style="list-style-type: none"> ○ Did the workshop achieve BSEE goals? Anything BSEE needs more follow up? ○ Workshop surveys, close-out and thanks