



**Well Control Committee meeting  
24 August 2009  
Westin Tabor Center, Denver**

Brian Maness (Diamond Offshore Drilling Ind.), Well Control Committee Chairman, opened the meeting and provided building safety information. He thanked the meeting host, Ron Crotzer of Bladestone.

**IADC Anti-Trust Policy and Guidelines**

Mr. Maness reviewed the IADC Antitrust Policy and Guidelines.

Those present introduced themselves.

**New Instructor Qualifications Status**

Jay O'Connor provided a review of the new requirements for instructor qualifications that went into effect in June. He discussed how qualifications are to be listed on the instructor application form. He also reviewed the process for documenting teaching hours of subjects taught, simulator hours, and testing.

Mr. O'Connor summarized issues discovered during the first two months of implementation, including companies creating their own form. Brenda Kelly said there was also a gap in the process as it does not currently allow for transfer of approvals from one training provider to another. Ms. Kelly said there have been many requests from training providers on which types of activities will be accepted as meeting the program requirements. She requested that guidelines be developed that can be distributed to training providers.

Questions were raised about where the WellCAP tests could be taken. Specifically, when the approved instructor is taking the IWCF test at the location where he/she is approved to teach, this test will be valid. It will not necessary to be tested elsewhere.

Question – how much time needed before resubmitting application?

Paul Sonnemann suggested that the application form be changed to remove the reference to underbalanced drilling. He also suggested the form be changed to specify that for reinstatement, the required 24 hours should be new instruction.

Other edits were recommended. Item 4.2 of the "Reinstate" section should have the time frame added to the text. Instructions for the "Test" tab of the application supporting form should provide an explanation that the list of topics is provided as examples, and is not intended to be an exhaustive list. As an example, the Subsea Supervisor category is not currently listed.

Brenda Kelly reported that the WellCAP Review Panel has approved the WellCAP/WellCAP Plus Facilitator Certification course as satisfying the 40 hours continuing education requirement.

Mr. O'Connor suggested that hours spent on WellCAP Plus facilitation course should count toward instruction hours needed for instructor qualification. This should be added to the list of teaching topics.

Decisions regarding instructor qualification would remain the responsibility of the WellCAP Review Panel.

**Separating Instructor Approval from Program Approval**

Brenda Kelly discussed separating the instructor approval process from training provider approval. Individuals who were in the process of retiring had voiced interest in maintaining their instructor approval and requested that the Well Control Committee consider the issue.

Ms. Kelly identified several benefits of the separation. It would provide WellCAP instructors with “portability” of their approval. This could streamline the program accreditation application process, and provide a pool of approved instructors that could be available to all WellCAP programs in an emergency.

Instructors would be provided unique identification numbers separate from the training providers. An administrative fee would be charged for instructor application.

Some committee members were concerned that this change would undermine or discredit the WellCAP program, stating that instructors coming from the instructor pool to teach in another program would not be familiar with the specific WellCAP course they would be teaching. This was perceived by some as diluting the instructor qualifications at a time when the Committee had made changes to strengthen instructor qualifications. Others stated it would be appropriate to provide the instructor an orientation to the new course he/she would be asked to teach.

The group decided that the issue of separating instructor approval from program approval is a WellCAP administrative issue, not an issue of accreditation criteria. Therefore, the Chairman requested the WellCAP Review Panel review the request, and make a decision on the issue.

The group took a short break.

#### **Workover Curriculum – A Report from the Well Servicing Committee**

Jim Kulis of Nabors Well Servicing and Barry Cooper of WCS discussed the issue of a WellCAP Well Servicing curriculum. Mr. Kulis was substituting for Kenny Jordan of the Association of Energy Service Companies (AESC).

Mr. Kulis and Mr. Cooper reported that the Well Servicing Committee is in the process of reviewing the current WellCAP Workover curriculum to determine the need for updating.

Steve Vorenkamp of Wild Well Control said that AESC perceived that well servicing companies felt “disenfranchised” by the approach taken to well control training in the past. AESC had suggested that IADC, with coordination between the Well Control Committee and the Well Servicing Committee, investigate ways to see that the needs of these contractors were being addressed.

The next step already planned by the Well Servicing Committee will be to develop a survey to identify industry needs and determine whether or not the current curriculum satisfies the needs. The survey will focus on workover and wireline operations, with the survey distributed to IADC’s workover and wireline members. The survey will also gauge the interest worldwide for an additional WellCAP curriculum for production workover operations.

Terminology was also discussed as one area needing particular attention during the review. For example, “well servicing” is the Well Servicing Committee’s term equivalent to workover. Other areas where terminology differs are in personnel to receive the training. The current Workover curriculum is indicated as appropriate for “drillers”, but on workover/well servicing rigs, the appropriate term is “crew chief”.

#### **Curriculum—Need Revision or New Curricula?**

Mr. Maness discussed the history of WellCAP curriculum review. A number of curricula, including workover, have not been reviewed or revised since 1999. An effort to review and update curricula was originally suggested by Gary Nance of Randy Smith Training Solutions.

Mr. Maness reported the last revision dates for each curriculum. These were as follows:

### Current Status of WellCAP Curricula

<i>Curriculum</i>	<i>Level (Introductory – I; Fundamental – F; Supervisory – S)</i>	<i>Current Revision Date</i>
Drilling	I, F S	1999 2005
Coil Tubing	F, S	2006
Snubbing	I F, S	2000 2004
Underbalanced Operations	S only	2004
Well Servicing	I	
Wireline	I F, S	1999 2001
Workover	F, S	1999

It was reported that Alex Sas-Jaworski is currently reviewing the Snubbing curriculum. The drilling curriculum was determined to be most in need of updating.

Mr. Maness charged the Curriculum Subcommittee with reviewing WellCAP curricula, beginning with the Drilling curriculum. He asked Committee members to join this effort. Goran Anderson of Chevron volunteered to chair the Subcommittee. Steve Vorenkamp (Wild Well Control), Mark Mazzella (BP), and Gary Nance (Randy Smith Training Solutions) offered their assistance to the subcommittee. The group will also consider adding well servicing specific job titles (crew chief, etc.) to WellCAP curriculum.

Goran Anderson (Chevron) raised the issue of placing responsibility for WellCAP Managed Pressure Drilling (MPD) Curriculum under the Well Control Committee rather than under the Underbalanced Operations/Managed Pressure Drilling (UBO/MPD) Committee. Given MDP has now been defined by the UBO/MPD Committee as overbalanced drilling, Well Control Committee members consider it appropriate to place MPD well control under the Well Control Committee.

#### **Simulator Workshop Overview**

Steve Vorenkamp announced the Simulator Subcommittee meeting and workshop would immediately following today's Committee meeting. Two simulator manufacturers, CS and DrillSim, will provide simulator demonstrations and instruction during the workshop portion of the program.

#### **Other Business**

Ms. Kelly of IADC reported the following IADC news:

- A WellCAP Plus Facilitator Certification course is scheduled for 22-25 September in Houston. Ten participants are registered. Space remains available for others to attend the course.
- Ms. Kelly is working with SafeGulf (a Gulf of Mexico operator initiative) to develop guidelines for using Computer Based Training (CBT) for delivery of petroleum industry training. The next meeting of the subcommittee charged with developing these guidelines will be 15<sup>th</sup> September at WCS in Houston. Anyone interested in CBT is invited to attend. The guidelines developed through this effort will likely be adopted by IADC as guidelines for accreditation of CBT training.

- Upcoming IADC Conferences include the IADC Annual Meeting on 3-4 November in Miami, followed by the Well Control Asia Pacific Conference & Exhibition in Bangkok on 17-18 November.

Steve Kropla reported that next year will be a special year as IADC celebrates its 70<sup>th</sup> anniversary. In addition next year will mark the 20<sup>th</sup> year since IADC initiated well control conferences. Two well control conferences are planned, one in Aberdeen, Scotland in April and another in the Middle East during November.

In other business, Mr. Maness mentioned that University of Texas Petroleum Extension Service (PETEX) is undergoing revision of a number of their reference materials and are seeking subject matter experts to assist in this effort. Well Control publications are among the materials PETEX needs to update. All volunteers are welcome. Contact Fran Kennedy-Ellis at PETEX for more information.

#### **Next Meeting**

The next Well Control Committee meeting will be held 3<sup>rd</sup> December at Wild Well Control in Houston.

#### **Next Agenda Items:**

- None identified

#### **Attendance Sheet**

<b>Name</b>		<b>Company Name</b>
Ron	Crotzer	<b>Bladestone</b>
Brad	Crotzer	<b>Bladestone</b>
Mark	Mazzella	<b>BP</b>
James	O'Connor	<b>Chevron</b>
Goran	Andersson	<b>Chevron</b>
Paul	Sonnemann	<b>Chevron</b>
Dennis	Hicks	<b>CS Inc.</b>
Chuck	Boyd	<b>CS Inc.</b>
Brian	Maness	<b>Diamond Offshore Drilling, Inc.</b>
ED	Ramsay	<b>Drilling Systems (UK) LTD</b>
Alessandra	Bunee	<b>Drilling Systems (UK) LTD</b>
Clive	Battisby	<b>Drilling Systems (UK) LTD</b>
Aaron	Scheet	<b>ExxonMobil</b>
Bob	Burnett	<b>Hercules Offshore</b>
Brenda	Kelly	<b>IADC</b>
Steve	Kropla	<b>IADC</b>
William J	Murchison Sr.	<b>Murchison Drilling Schools</b>
William J	Murchison Jr.	<b>Murchison Drilling Schools</b>

Richard	Grayson	<b>Nabors Offshore Corp.</b>
James	Kulis	<b>Nabors Well Services</b>
Gary	Kirsch	<b>National Oilwell Varco</b>
Jim	Metcalf	<b>Newfield Exploration Co.</b>
Andy	Erwin	<b>Randy Smith Training Solutions</b>
Gary	Nance	<b>Randy Smith Training Solutions</b>
Barry J.	Cooper	<b>Well Control School</b>
Kenneth C.	Raymond	<b>Well Services Petroleum Co. Ltd.</b>
Steve	Vorenkamp	<b>Wild Well Control, Inc.</b>