2015 BSEE Domestic and International Standards Workshop: Cementing Session

“Cementing Standards Update”

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2014-15 Chairman: API Committee on Standardization of Oilfield Equipment and Materials (CSOEM)
API Subcommittee on Oil Well Cements (SC-10) Standards Portfolio


- API Auditor findings and comments are noted as part of the revision process.
- Revision includes changes to consistometer oil specification and may include new specification on “Well Cementing Composites.”


- Published April 2013. Comments are being reviewed.
- Future revisions to include: Stirred Fluid Loss Testing, Fluid Loss Screens and elimination of minor inconsistencies between Spec 10A and RP 10B-2.
- New WG was formed to revise/rewrite Sections 10, 11 & 12, specifically with regards to atmospheric vs HTHP slurry conditioning requirements.

- Final comment resolution in progress. Primary focus on temperature/pressure schedules for testing at critical well locations (casing shoe, potential flow zone, top of liner, mudline, etc.). Document to be circulated for affirmation and retitled as, “Testing of Well Cements Employed in Deepwater Well Construction”.


- Draft comments resolved. Document is being circulated for affirmation.
- Technical Report (TR) on Foam Cement Behavior under Well Conditions is the second phase of this Work Group charge. Work is progressing.
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- Document reaffirmed in 2010, April 2015.

API RP 10B-6, 1st Edition, “Determining the Static Gel Strength of Cement Formulations”, August 2010


- Document reaffirmed 2010. Review and update API Spec 10D to include performance testing requirements for centralizers that are to be used in applications where they are run through restrictions that are smaller than the hole size in which they are to be set.


- Reaffirmed 2010, April 2015.

- WG will publish API Specification 10F, 1st Edition, which will replace and make obsolete API RP 10F, 3rd Edition. This document will include required specifications and the associated performance testing protocols for the manufacturing of Cement Float Equipment.

Technical Report on, “Mechanical Cementing Plugs used in Tubing, Casing and Drill Pipe”

- Final edit check with SC10 Publications Task Group and Formatting by API is in final stage. Expected publication Q3 2015 as API 10TR6.
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Technical Report on “Mechanical Behavior of Cement”

- Document with API for review, formatting, and subsequent Comment Only Ballot. Ballot anticipated to be distributed and closed before Summer Meeting.
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- Reaffirmed 2012, currently being revised by Work Group. Expected publishing date Q1, 2016 as API RP 65-1.


- Expected reaffirmation in December 2015.

- Reaffirmed 2000, serve as a framework document for the newly formed Work Group on Well Abandonment.
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Thank You!