



ISO/TC 67/SC 3 Drilling and completion fluids, and well cements

Secretary: Stein Østerlie, Standards Norway, P.O.Box 242, NO-1326 Lysaker, Norway
Tel: + 47 67 83 86 00 (direct: +47 67 83 86 82), E-mail: sos@standard.no

ISO/TC 67/SC 3
“DRILLING AND COMPLETION FLUIDS, AND WELL CEMENTS”
Report per 2008-08-19

1 Chairman

Name: Roger Tønnessen
Company: StatoilHydro
Address: NO-4035 Stavanger, Norway
Phone: +47 51 99 00 00
E-mail: rto@statoilhydro.com

2 Secretary

Name: Stein Østerlie
Company: Standards Norway (SN)
Address: P.O.Box 242, NO-1326 Lysaker, Norway
Phone: +47 67 83 86 00 (direct line +47 67 83 86 82)
E-mail: sos@standard.no

3 Membership

P-member bodies (13): Brazil (new) China, France, Germany, Indonesia, Italy, Netherlands, Norway, Republic of Korea, Russian Federation, United Kingdom, USA, Venezuela

O-member bodies (6): Argentina, Poland, Romania, Serbia and Montenegro, South Africa, Spain

4 Organization structure

4.1 ISO/TC 67/SC 3/WG 1 “Drilling fluids”

Convenor: E. Keith Morton (new)
Company: Chevron Company
Address: 3901 Briarpark, Houston TX 77042, USA
Phone: +1 713 954 6157
Fax: +1 713 954 6167
E-mail: Keith.morton@chevron.com

4.2 ISO/TC 67/SC 3/WG 2 “Cementing”

Convenor: Gerard Bol
Company: Shell International Exploration & Production
Address: 2280 AB Rijswijk, The Netherlands
Phone: +31 70 447 3061
Fax: +31 70 447 5974
E-mail: gerard.bol@shell.com

4.3 ISO/TC 67/SC 3/WG 3 “Completion fluids”

Name: Glenn Penny
Company: CESI Chemical
Address: 1137 S. Huron, Denver, CO 80227, USA
Phone: +1 303-282-7511
Fax: +1 303-282-7511
E-mail: gspenny@aol.com

5 Work programme

5.1 Working Group 1 Drilling fluids:

P&NGI = Petroleum and Natural Gas Industries.
PL = Project Leader

10414-2: 2002 Revision	P&NGI. Field testing of drilling fluids. Part 2: Oil-based fluids (PL = Cheryl Stark)	Waiting for FDIS, Document on hold.
ISO 13500 Revision	P&NGI. Drilling fluid materials. Specification and tests	FDIS terminates 2008-09-10.

5.2 Working Group 2 Cementing:

10426-1 Revision	P&NGI -- Cements and materials for well cementing -- Part 1: Specification	DIS 100 % approved.
10426-2 Revision	P&NGI -- Cements and materials for well cementing -- Part 2: Testing of well cements	DIS 2009-02, FDIS 2010-02, IS 2010-06.
10426-3 Systematic review	P&NGI -- Cements and materials for well cementing -- Part 3: Testing of deepwater well cement formulations	Systematic review terminates 2008-12-08.
10427-3 Systematic review	P&NGI -- Equipment for well cementing -- Part 3: Performance testing of cementing float equipment	Systematic review terminates 2008-09-15.

5.3 Working Group 3 Completion fluids:

13503-1:2003 Systematic review	P&NGI -- Completion fluids and materials. Part 1: Measurement of viscous properties of completion fluids	Systematic review terminates 2008-12-08.
ISO 13503- 2:2006 Draft Amend- ment 1	P&NGI. Completion fluids and materials. Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations. Amendment 1: Annex B: Proppant specifications	Voting terminated 2008-06-30. 100 % approved.
NWIP	P&NGI. Completion fluids and materials. Part a: Procedures for measuring completion fluid leakoff under dynamic conditions (PL = M. Asadi)	
NWIP	P&NGI. Completion fluids and materials. Part b: Procedures for measuring matrix permeability damage of completion fluids (PL = Mark Parker and M. Asadi)	
NWIP	P&NGI. Completion fluids and materials. Part c: Procedures for measuring the emulsion tendencies of completion fluids (PL = Phillip B. Kaufman)	
NWIP	P&NGI. Completion fluids and materials. Part d: Procedures for measuring friction loss of fracturing fluids (PL = M. Asadi and Subhash Shah)	

6 Meetings

1. Oslo, Norway, 1991-01-14
2. Oslo, Norway, 1994-09-20
3. Wiesbaden, Germany, 1995-03-24
4. Bahrain, 1996-03-26
5. Paris, France, 1997-04-04
6. London, UK, 1997-10-30
7. Stavanger, Norway, 1998-09-01
8. Rijswijk, The Netherlands, 1999-11-17
9. Berlin, Germany 2000-11-15
10. Milan, Italy 2001-11-14
11. Denver, USA 2002-06-25
12. Sunbury, UK 2002-11-13
13. San Antonio, USA 2003-06-18
14. Paris, France 2003-11-18
15. Dallas, USA 2004-06-16
16. Wiesbaden, Germany 2004-11-19
17. Calgary, Canada 2005-06-29
18. Stavanger, Norway, 2005-11-16
19. Atlanta, USA 2006-06
20. St. Petersburg, Russia, 2006-11-15
21. San Francisco, USA 2007-06
22. Brussels, Belgium 2007-12-05
23. Calgary, Canada 2008-06-26
24. Edinburgh, UK, 2008-11-11/12 ?
25. Indonesia 2008-11 (ISO/TC 67/SC 3
seminar on international standardization)
26. Denver, CO, USA 2009-06
27. Madrid, Spain, 2009-11
28. Washington, DC, USA, 2010-06
29. San Francisco, CA, USA, 2011-06

7 Standards published

ISO No.	Title	EN ISO	API/ISO
ISO 10414-1: 2008	P&NGI -- Field testing of drilling fluids -- Part 1: Water-based fluids	(WI 189 in CEN/TC 12)	API RP 13B-1/ISO 10414-1
ISO 10414-2:2002	P&NGI -- Field testing of drilling fluids -- Part 2: Oil-based fluids	(WI 180 in CEN/TC 12)	
ISO 10416:2008	P&NGI -- Drilling fluids -- Laboratory testing		API RP 13I/ISO 10416
ISO 10426-1:2005	P&NGI -- Cements and materials for well cementing -- Part 1: Specification	EN ISO 10426-1:2006	API Spec 10A/ISO 10426-1
ISO 10426-2:2003	P&NGI -- Cements and materials for well cementing -- Part 2: Testing of well cements	EN ISO 10426-2:2003	API RP 10B-2/ISO 10426-2
ISO 10426-2:2003/ Amd 1:2005	P&NGI -- Cements and materials for well cementing -- Part 2: Testing of well cements - Amendment 1: Water-wetting capability testing	EN ISO 10426-2/A 1:2005	
ISO 10426-2:2003 /Corr 1:2006	Corrigendum 1	EN ISO 10426-2/Corr 1:2006	
ISO 10426-3:2003	P&NGI -- Cements and materials for well cementing -- Part 3: Testing of deepwater well cement formulations	EN ISO 10426-3:2004	API RP 10B-3/ISO 10426-3
ISO 10426-4:2004 (Standard confirmed 2007)	P&NGI -- Cements and materials for well cementing -- Part 4: Preparation and testing of foamed cement slurries at atmospheric pressure	EN ISO 10426-4:2004	API RP 10B-4/ISO 10426-4
ISO 10426-5:2004 (Standard confirmed 2008)	P&NGI -- Cements and materials for well cementing -- Part 5: Determination of shrinkage and expansion of well cement formulations at atmospheric pressure	EN ISO 10426-5:2005	API RP 10B-5/ISO 10426-5
ISO 10426-6:2008	P&NGI -- Cements and materials for well cementing -- Part 6: Methods for determining the static gel strength of cement formulations	EN ISO 10426-6 2008	
ISO 10427-1:2001 (Standard confirmed 2006)	P&NGI -- Equipment for well cementing -- Part 1: Casing bow-spring centralizers	EN ISO 10427-1:2001 (confirmed)	API Spec 10D/ISO 10427-1
ISO 10427-2:2004 (Standard confirmed 2007)	P&NGI -- Equipment for well cementing -- Part 2: Centralizer placement and stop-collar testing	EN ISO 10427-2:2004	API RP 10D-2/ISO 10427-2
ISO 10427-3:2003	P&NGI -- Equipment for well cementing -- Part 3: Performance testing of cementing float equipment	EN ISO 10427-3:2004	API RP 10F/ISO 10427-3
ISO 13500:2006	P&NGI -- Drilling fluid materials -- Specifications and tests	EN ISO 13500:2006	API Spec 13A/ISO 13500

ISO No.	Title	EN ISO	API/ISO
ISO 13501:2005	P&NGI -- Drilling fluids. Processing systems evaluation	EN ISO 13501:2006	

ISO 13503-1:2003 ISO 13503-1:2003/Cor 1:2005	P&NGI -- Completion fluids and materials -- Part 1: Measurement of viscous properties of completion fluids Corrigendum 1	EN ISO 13503-1:2005 (Corr 1 included)	API RP 13M/ISO 13503-1
ISO 13503-2:2006	P&NGI – Completion fluids and materials -- Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations	EN ISO 13503-2:2006 (amendment in progress)	
ISO 13503-3:2005 ISO 13503-3:2005 /Cor 1:2006	P&NGI -- Completion fluids and materials -- Part 3: Testing of heavy brines Corrigendum 1 (Correction of French title on the cover only)	EN ISO 13503-3:2005 (Corr 1 included in 2006)	API RP 13J/ISO 13503-3
ISO 13503-4:2006	P&NGI – Completion fluids and materials -- Part 4: Procedure for measuring stimulation and gravel-pack fluid leakoff under static conditions	EN ISO 13503-4:2006	API RP 13M-4/ISO 13503-4
ISO 13503-5:2006	P&NGI – Completion fluids and materials – Part 5: Procedures for measuring the long-term conductivity of proppants	EN ISO 13503-5:2006	

8 Standards withdrawn

ISO 10409 P&NGI. Application of cement lining to steel tubular goods, handling installation and joining (1993-12-15)

ISO 18165 P&NGI. Performance testing of cementing float equipment (2001-06-01). Replaced by ISO 10427-3:2003.

Stein Østerlie
ISO/TC 67/SC 3 Secretary