INTERNATIONAL STANDARD ISO 10426-2:2003
TECHNICAL CORRIGENDUM 1

Published 2006-06-01

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Petroleum and natural gas industries — Cements and materials for well cementing —

Part 2:

Testing of well cements

TECHNICAL CORRIGENDUM 1

Industries du pétrole et du gaz naturel — Ciments et matériaux pour la cimentation des puits —

Partie 2: Essais de ciment pour puits

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 10426-2:2003 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries,* Subcommittee SC 3, *Drilling and completion fluids, and well cements.*

Page 7, 3.2,Table 1, second row below heading:

Replace the meaning of p_{BH} with "bottom-hole pressure[a]".

Page 7, 3.2,Table 1, sixth row below heading:

Replace the meaning of T_{BHC} with "bottom-hole circulating temperature[b]".

Page 7, 3.2,Table 1, footnotes:

Replace the text of footnote a with "Hydrostatic pressure at the bottom of the well, calculated from the true vertical depth and the fluid densities in the wellbore.".

ICS 75.020; 91.100.10 **Ref. No. ISO 10426-2:2003/Cor.1:2006(E)**

Published in Switzerland

Replace the text of footnote b with "The T_{BHC} can vary with time, fluid being circulated, pump rate, pipe size, etc.".

Page 25, Table 2, left-hand column entitled "Schedule 12 Sg":

Replace

"12 Sg
6 100 m
(20 000 ft)"

with

12 Sg
6 710 m
(22 000 ft)"

Page 31, 9.4.4

Replace the entire text of 9.4.4 with the following:

During the test period, the temperature and pressure of the cement slurry in the slurry container should be increased in accordance with the appropriate well-simulation test schedule (see 9.5). Schedules may be calculated or taken from the tables. The temperature of the cement slurry shall be determined by use of ASTM classification "Special" Type J thermocouple (see Annex B) located in the centre of the sample container. The tip of the thermocouple shall be vertically positioned, within the paddle shaft, in the slurry cup in such a way that it is between 4,45 cm and 8,89 cm (1,75 in and 3,5 in) above the inside of the base of the sample container. As there are many models of consistometers with different dimensions, care shall be taken to ensure that the thermocouple used is compatible with the consistometer and the position of the tip of the thermocouple is in the correct location, as specified above.

Page 33, 9.5.4.3, below Equation (6):

Replace "T_{AS} is the assumed surface temperature, expressed in °F;" with "T_{AS} is the assumed surface temperature of 80 °F;".

Page 37, 9.5.6.1, below Equation (15):

Replace "T_{AS} is the assumed surface temperature, expressed in °F." with "T_{AS} is the assumed surface temperature of 80 °F.".

Page 52, 12.2.1 a), Equation (22):

Replace Equation (22) "$\gamma = \dfrac{4 \times R_2^2 \times n_r}{R_2^2 - R_1^2}$" with "$\gamma = \dfrac{2 \times R_2^2 \times n_r}{R_2^2 - R_1^2}$".

Replace the definition of n_r below Equation (23) with "n_r is the viscometer rotational speed, expressed in radians per second [Equation (22)] or revolutions per minute [Equation (23)];".

Page 107, C.2, sixth paragraph, second sentence:

Replace "Figure C.1" with "Figure C.2" such that the sentence reads "The error range between this correlation and the field-measured data from which the correlation was derived, is shown in Figure C.2.".

Page 108, C.5, fourth paragraph, second sentence:

Replace "Figure C.2" with "Figure C.1" such that the sentence reads "The error range between this correlation and the field-measured data from which the correlation was derived, is shown in Figure C.1.".