



## Erratum to: Application of ionic liquid to a high-performance calcium-resistant additive for filtration control of bentonite/water-based drilling fluids

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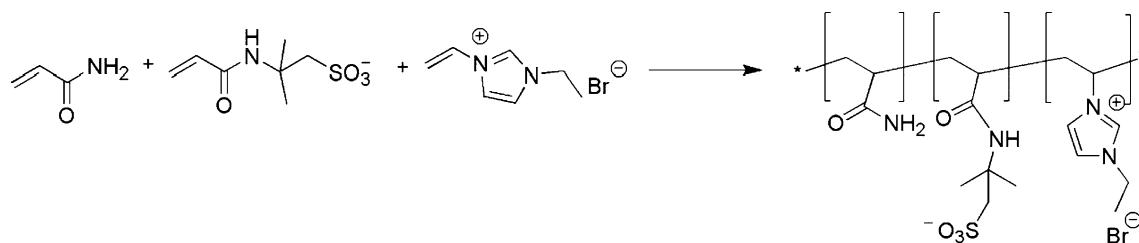
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In Scheme 1, the structural formula of first segment [poly (acrylamide)] in the copolymer was incorrect; the carbonyl group was missing. It is correct in the revised scheme below. In Table 2, the correct heading

for the first column should be concentration of PASV [C(PASV) (wt%)]. Also, the entries for the first column should be written as 0.5, 1.0, 1.5, 2.0, 2.5, 3.0 for consistency with the data in the text. The authors regret these errors and any confusion they may have caused the readers. The corrected versions of the Scheme 1 and Table 2 follow.

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**Scheme 1** Systematic diagram for synthesis of copolymer of AM, AMPS, and VeiBr.

**Table 2** Rheological and filtration properties of BT/11Ca-WDFs with different PASV copolymer concentrations at 25 °C

C (PASV) (wt%)	AV (mPa s)	PV (mPa s)	YP (Pa)	Gel <sub>in</sub> (Pa)	Gel <sub>10min</sub> (Pa)	FL (mL)
0.5	7	5.5	1.5	2	4	73.6
1.0	10	10	0	0.5	0.5	9.9
1.5	32	24	8.2	2	6	5.2
2.0	45	32	13.3	2.5	7.5	4.8
2.5	73	49	24.5	3	7.5	5.3
3.0	94	63	31.7	3.5	7.5	4.8

C (PASV) concentration of PASV; FL fluid loss