

Date of Issue: August 2014

Affected Publication: API Recommended Practice 13B-2, *Field Testing Oil-based Drilling Fluids*, Fifth Edition, April 2014

ERRATA 1

Page 70, Section **E.3.7**, *the equation shall be replaced with the following:*

$$w_{\text{CaCl}_2} = \frac{100 \times 90,770}{90,770 + 0 + (10,000 \times 25.0)} = 26.7 \%$$

Page 77, Section **E.6.5**, *the equation shall be replaced with the following:*

$$c_{\text{Cl}^-(\text{NaCl}),\text{DF}} = 100,000 - 59,438 = 40,562 \text{ mg/l} \approx 40,560 \text{ mg/l of drilling fluid}$$

Page 79, Section **E.6.17**, *the equation shall be replaced with the following:*

$$c_{\text{NaCl,DF,SOL,A}} = \frac{5.7 \times [93,038 + (10,000 \times 25.0)]}{100 - 5.7} = 20,735 \text{ mg/l} \approx 20,740 \text{ mg/l of drilling fluid}$$

Page 79, Section **E.6.18**, *the equation shall be replaced with the following:*

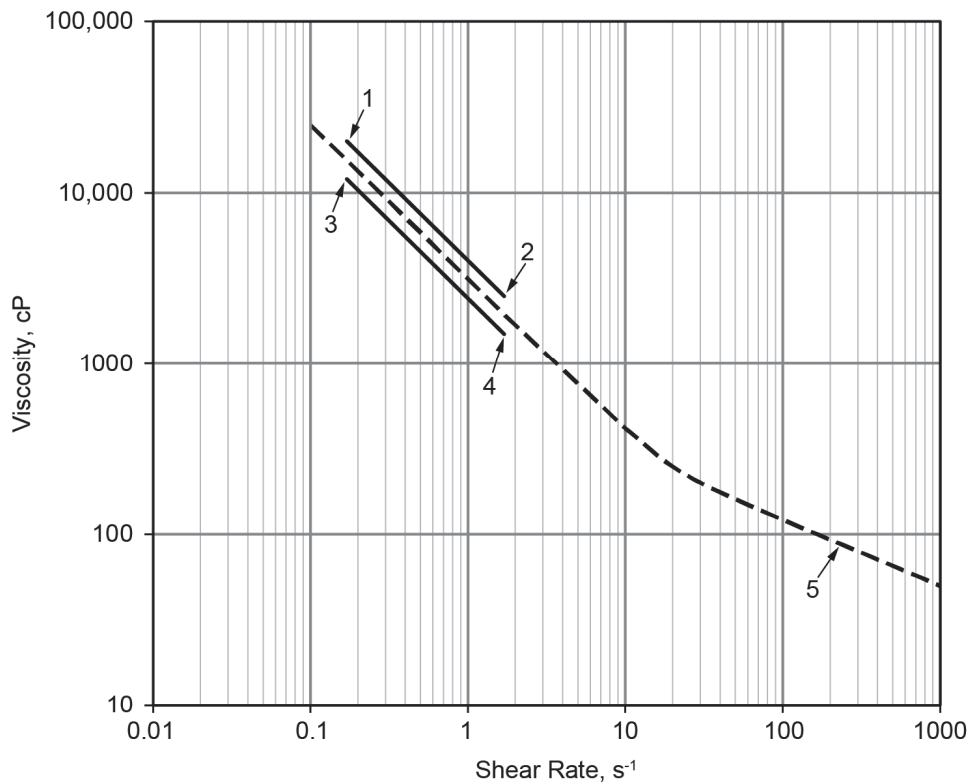
$$c_{\text{NaCl,DF,SOL,B}} = 0.00035 \times 20,735 = 7.26 \text{ lb/bbl} \approx 7.3 \text{ lb/bbl of drilling fluid}$$

Page 79, Section **E.6.19**, *the equations shall be replaced with the following:*

$$c_{\text{NaCl,DF,INSOL,A}} = 66,836 - 20,735 = 46,101 \text{ mg/l} \approx 46,100 \text{ mg/l of drilling fluid}$$

$$c_{\text{NaCl,DF,INSOL,B}} = 23.4 - 7.3 = 16.1 \text{ lb/bbl of drilling fluid}$$

Page 135, **Figure N.9** shall be replaced with the following:



Key

- 1 20,000 cP at 0.17 s⁻¹
- 2 2,500 cP at 1.7 s⁻¹
- 3 12,000 cP at 0.17 s⁻¹
- 4 1,500 cP at 1.7 s⁻¹
- 5 viscosity curve for a drilling fluid with minimal expected sag tendency

NOTE See Reference [24]

Figure N.9—Published “Sag Window” for Drilling Fluids Versus Shear Rate