investigations regarding the erosion of steel by oil-water-sand mixtures. For an oil-water-sand mixture with a sand content of about 20% by weight, the erosion rate increased by a factor of 9.\textsuperscript{26}

However, all results listed in Table 6.1 account already for this mixed (slurry) flow. I have investigated erosion rates in concrete materials and exposed these materials to a high-speed slurry flow (like oil containing sand particles) at velocities of 180 ft/m.\textsuperscript{27} The erosion rates I measured were about 254 \times 10^{-5} \text{ ft}^3/\text{h}. (That is .00254 cubic feet per hour.) More results from other researchers are provided in Table 6.1.

Even if the erosion rate is doubled due to the possibility that the well cement had a high porosity,\textsuperscript{28} the complete erosion of the well cement would not occur in 2 days or anything close to that. The compressive strength numbers for the concrete materials cited in Table 6.1 and those for the well...