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Design Cement Slurry for Safe and Economic Well Operation

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Abstract: The purpose of primary cementing is to provide zonal isolation during the life of the well so that the hydrocarbons can be produced safely and economically. Recently, the industry has taken the exploration and production of oil and gas to challenging environment such as high pressure, high temperature (HPHT), Steam Injection and Deepwater. Recent experience has shown that conventional cementing procedures could be inadequate under these conditions to provide zonal isolation. From all accounts, the experience in Japan in this regard has been very similar to the global experience.

Key words: [Life](#), [Finite element Analysis](#), [Zone Isolation](#)

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