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T 5565 SIN

A B S T R A C T

METHOD OF CREATING A WELLBORE IN AN UNDERGROUND
FORMATION

A method of creating a wellbore in an underground formation is provided, the method comprising drilling a borehole in the underground formation, lowering a casing of a malleable material into the borehole, said casing being radially expansible against the borehole wall upon application of a radial load and having a smaller elastic radial deformation than the surrounding formation upon application of said load. The radial load is applied to the casing thereby radially expanding the casing against the borehole wall so as to induce a compressive force between the casing and the surrounding formation.

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