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**Petty et al.**

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(54) **SYSTEM AND METHOD FOR A SLOTTED LINER SHOE EXTENSION**

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See application file for complete search history.

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(57) **ABSTRACT**

A system and method for extending a slotted liner shoe is disclosed. According to one embodiment, a low density material is injected into a liner having a plurality of openings. The liner is suspended below a cemented casing in a wellbore of a well in a subterranean formation. The low density material extrudes through a lower portion of the liner into an annulus between the liner and the wellbore. A cement is circulated into the liner above the low density material. The cement extrudes through an upper portion of the liner into the annulus between the liner and the wellbore. Water is displaced from the wellbore, and a solid cemented casing string is formed at a desired depth.

**21 Claims, 13 Drawing Sheets**

