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Scoggins

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(54) **CEMENT RETARDER AND METHOD OF USING THE SAME**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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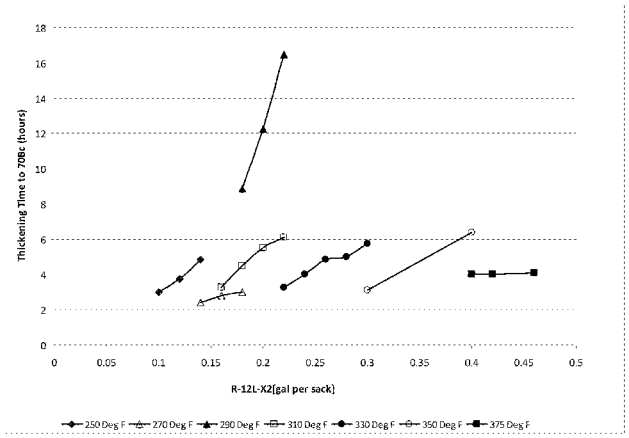
(57) **ABSTRACT**

The reaction product of a polyhydroxy compound and borax is used as a cement retarder for slurries introduced into a wellbore. The molar ratio of the polyhydroxy compound to boron, derived from the borax, is from 1:1 to about 4:1. The polyhydroxy compound may be a sugar such as a gluconic acid, gluconate or glucoheptonate or a salt thereof.

32 Claims, 2 Drawing Sheets