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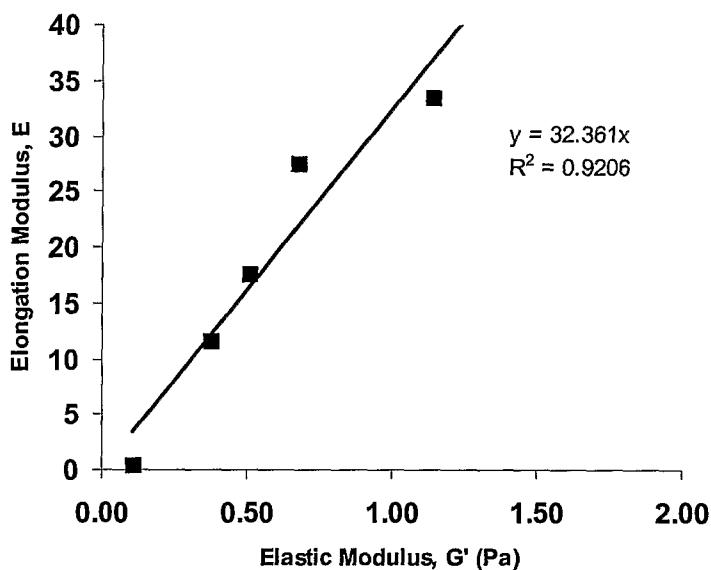
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(54) Title: VISCOELASTIC UPGRADING OF HEAVY OIL BY ALTERING ITS ELASTIC MODULUS



(57) Abstract: A method for upgrading the viscoelastic properties of a heavy oil by altering its elastic modulus. An effective amount of one or more elastic modulus lowering agents are used, wherein preferred elastic modulus lowering agents include mineral and organic acids and bases, preferably strong bases, such as hydroxides of metals selected from the alkali and alkaline-earth metals.

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