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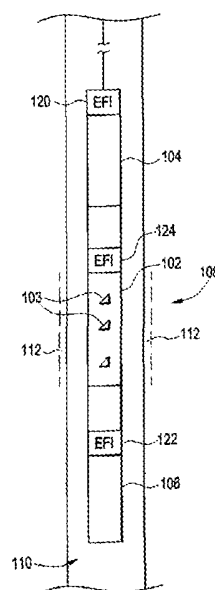
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(54) Title of the Invention: **Providing dynamic transient pressure conditions to improve perforation characteristics**
Abstract Title: **Providing dynamic transient pressure conditions to improve perforation characteristics**

(57) A transient overbalance condition is created in a wellbore interval such that a pressure of the wellbore interval is greater than a reservoir pressure in surrounding formation. Creating the transient overbalance condition causes a near-wellbore region of the formation to increase in pressure. The pressure in the wellbore interval is reduced at a rate that produces a relative underbalance condition in which the pressure in the wellbore interval is less than the pressure of the near-wellbore region of the formation, but the pressure in the wellbore interval is greater than the reservoir pressure.

FIG. 1



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GB 2466143 A continuation

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