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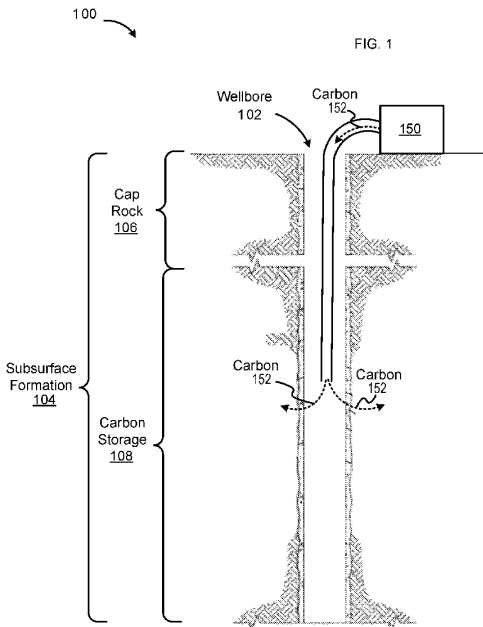
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(54) **Title:** A SEALING ELEMENT HAVING A POLYMER BLEND FOR SUBSURFACE CARBON SEQUESTRATION



(57) **Abstract:** An apparatus comprises a sealing element for a carbon sequestration in a location that is within a subsurface formation, wherein the sealing element is composed of a non-polar elastomer blended and co-cured with a low temperature elastomer having a glass transition temperature that is lower than a glass transition temperature of the non-polar elastomer.

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