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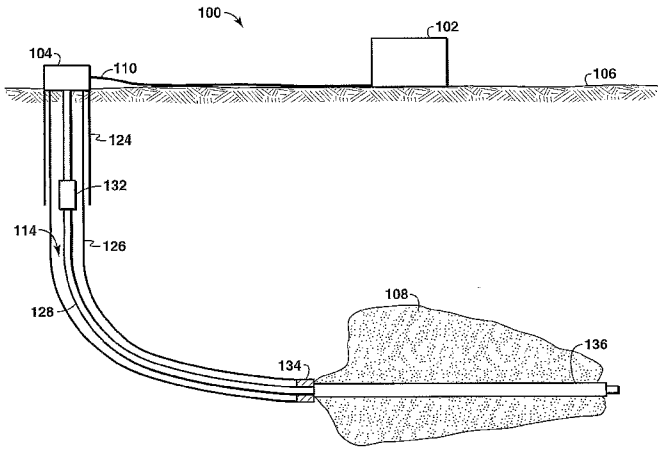
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(54) Title: METHOD AND SYSTEM FOR EVALUATING GROUPS OF THREADED CONNECTIONS




(57) Abstract: A method associated with the selection of tubulars for hydrocarbon production is described. In particular, the method is associated with the evaluation of performance limits of threaded connections. In this method, constituents of an evaluation group of threaded connections are determined via model analysis. Then, physical testing on a first group of threaded connections in the evaluation group is conducted. Modeling analysis on the first group and a second group of threaded connections is performed, wherein the second group are not physically tested. Once modeled, the results from the physical testing and the modeling analysis are compared to assess a characteristic performance factor for the first group. Then, the characteristic performance factor is applied to the second group, and the performance limits are defined based on this characteristic performance factor.

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