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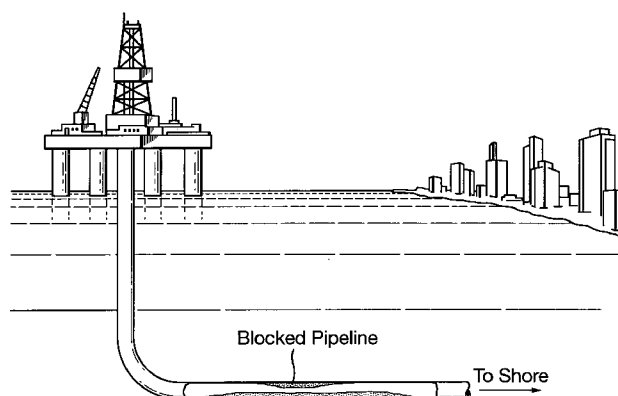
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(54) Title: METHODS AND COMPOSITIONS FOR THERMALLY TREATING A CONDUIT USED FOR HYDROCARBON PRODUCTION OR TRANSMISSION TO HELP REMOVE PARAFFIN WAX BUILDUP



(57) Abstract: Methods are provided for increasing the temperature of a section of conduit used for the production or transmission of hydrocarbon. According to one aspect, the method includes the steps of: (a) forming a treatment fluid comprising: (i) a carrier fluid; and (ii) a first reactant and a second reactant; and (b) introducing the treatment fluid into a section of conduit used for the production or transmission of hydrocarbon. The first reactant and second reactant are selected for being capable of reacting together in an exothermic chemical reaction; and the first and second reactant are in at least sufficient concentrations in the carrier fluid to generate a theoretical heat of reaction of at least 1,000 kJ/liter of the treatment fluid. At least some of at least one of the first reactant and the second reactant is suspended in the carrier fluid in a solid form that is adapted to help control the release of the reactant into the carrier fluid. In another embodiment a catalyst may be provided which is suspended in the carrier fluid.

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