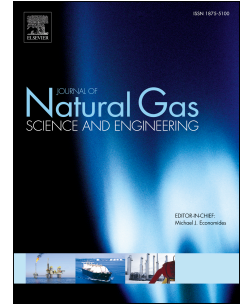


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GAS HYDRATE BLOCKAGE REMOVAL USING CHEMICAL INJECTION IN VERTICAL PIPES

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ABSTRACT

Gas hydrates can cause restriction and blockages in pipelines. Therefore, if hydrates are identified as a potential challenge, a prevention strategy for hydrate formation and options for remediation of hydrate blockage are considered. The most commonly used means of blockage removal involves one or two sided depressurization with or without other options such as heating and injecting thermodynamic inhibitors. In this work, we report use of thermodynamic inhibitors

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Abbreviations

DEG, diethylene glycol; MEG, mono ethylene glycol; SC, standard condition; TEG, triethylene glycol; THIs, thermodynamic hydrate inhibitors; WCH%, water converted to hydrates-mass%.

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