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SULPHUR RECOVERY from a VARIABLE ACID GAS FEED

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ABSTRACT

This paper reviews changes made to the Rimbey Sulphur Plant to handle an acid gas feed that can vary from 60% H₂S to 15% H₂S due to various inlet gas streams from different gas fields.

The main areas covered by this paper include the theoretical calculations, plant modifications and operating test results.

In addition, this paper outlines modification required to handle reduced acid gas flowrates.