Economical aspects of higher heat recovery from a distillation column

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Abstract Heat recovery is a priority today for all petroleum refinery units. This paper, that is only a part of a more large work, presents the possibilities of heat recovery from a classic delayed coking unit having a U type distillation column, from a delayed coking unit having A-type distillation column with one lateral reflux and from a delayed coking unit having A-type distillation column with two lateral refluxes.

Keywords: heat recovery, heat exchange, pinch technology