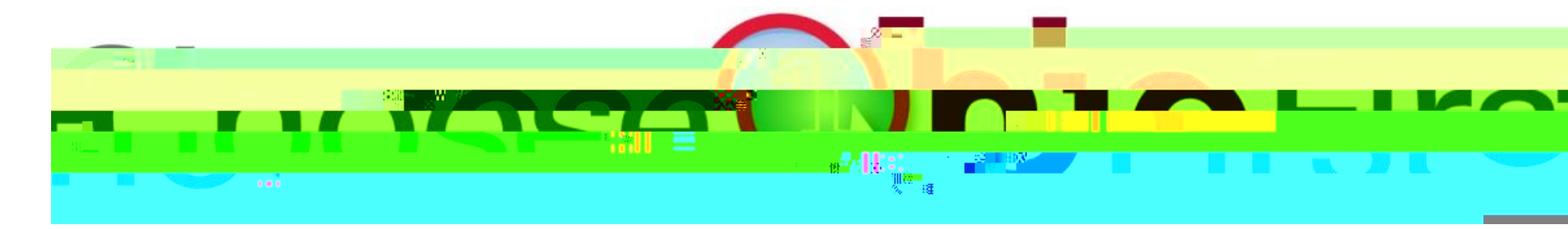
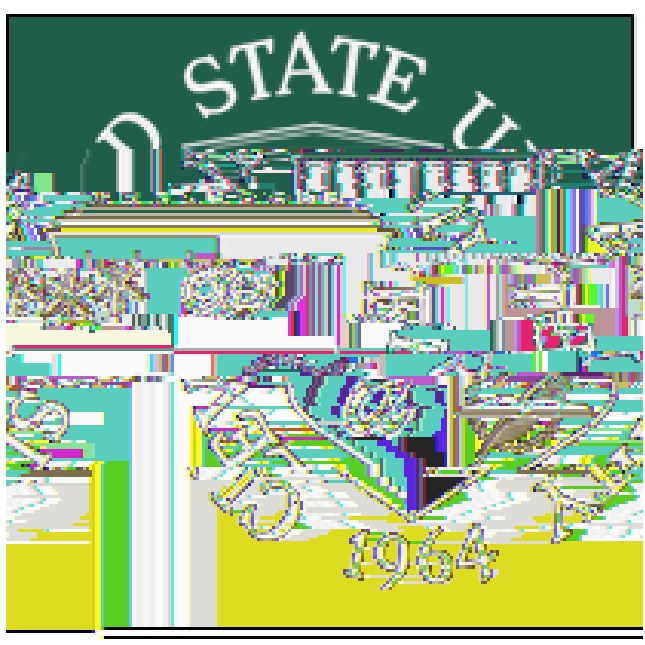


# Cracking The Crude



by product

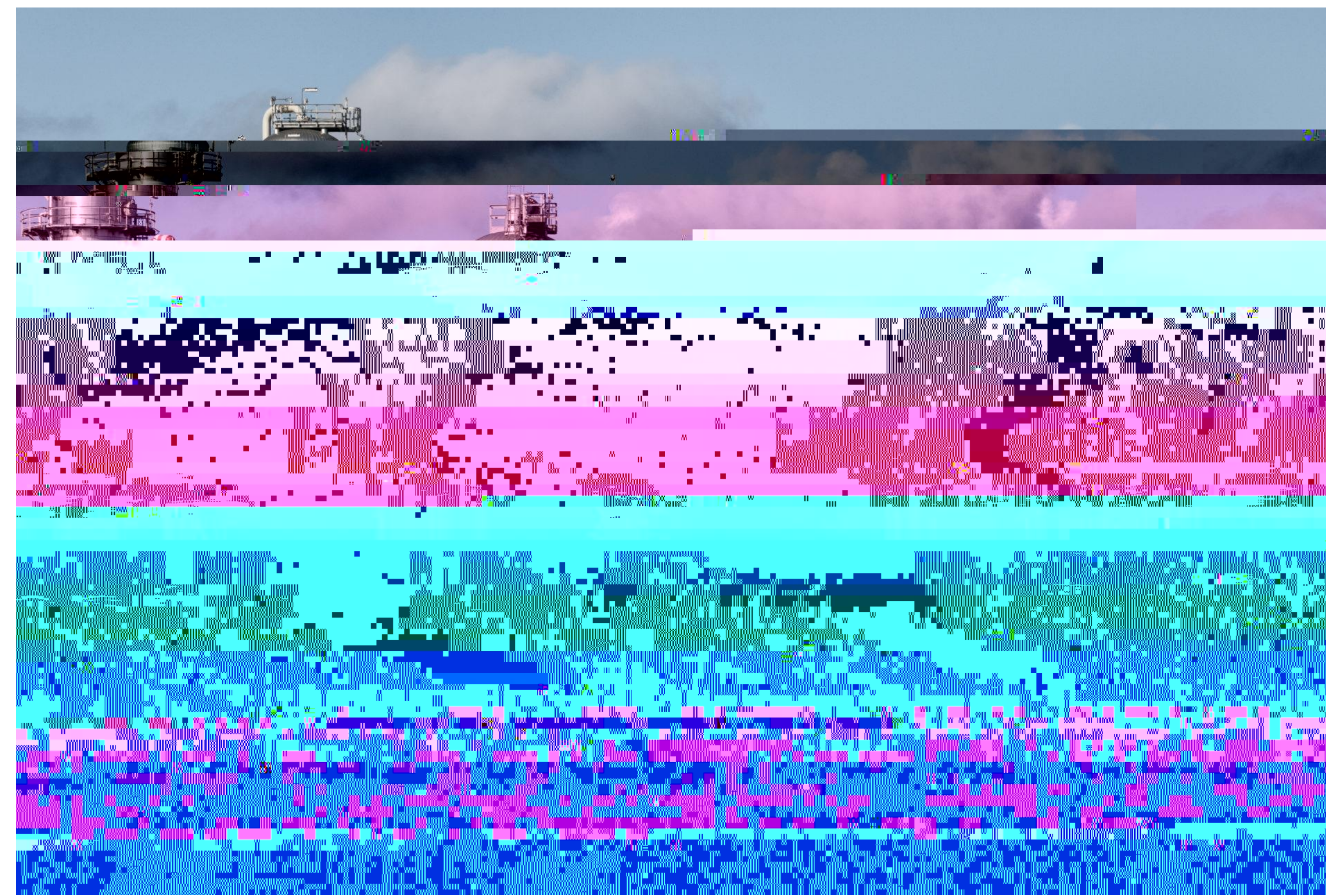
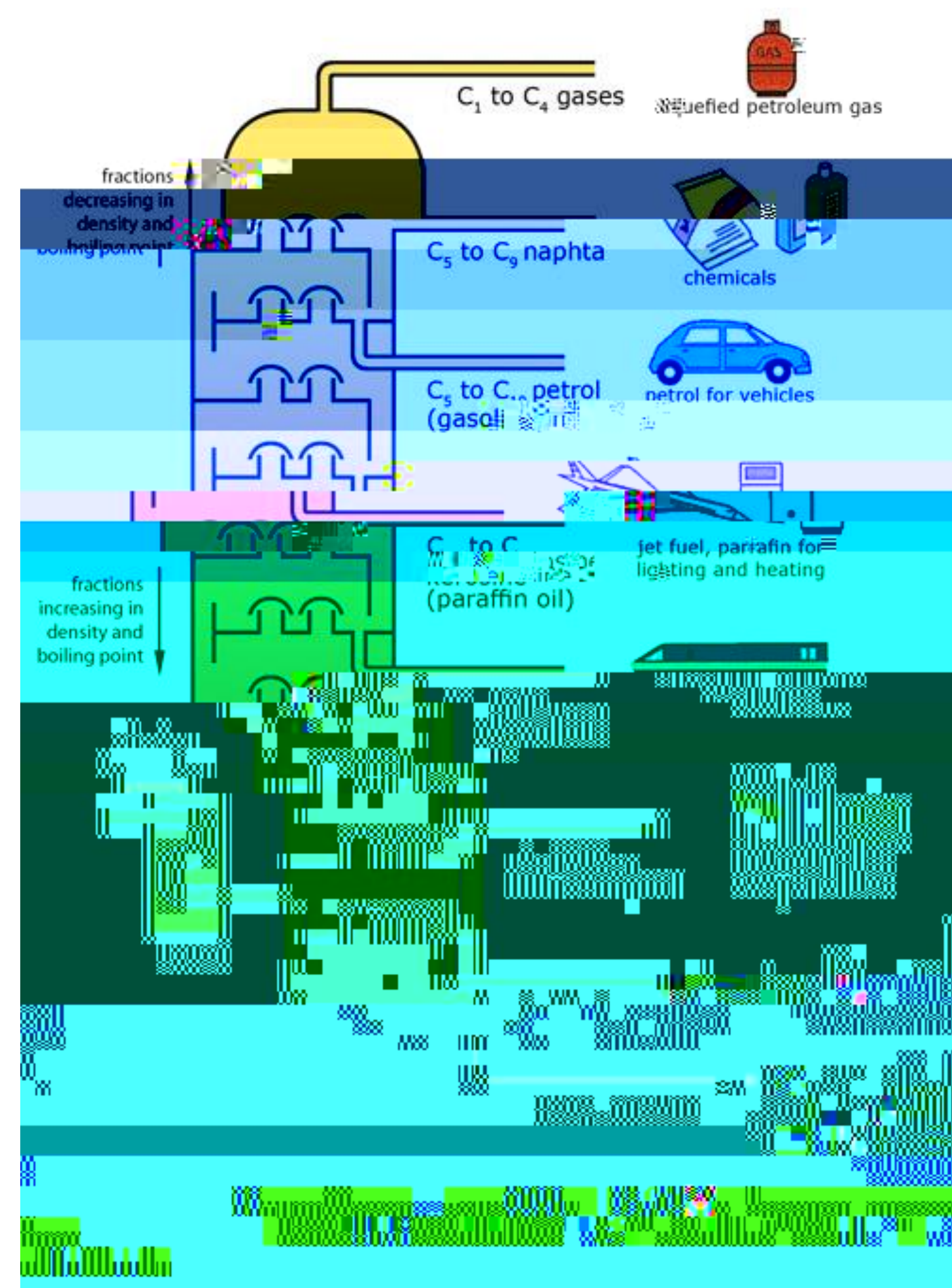
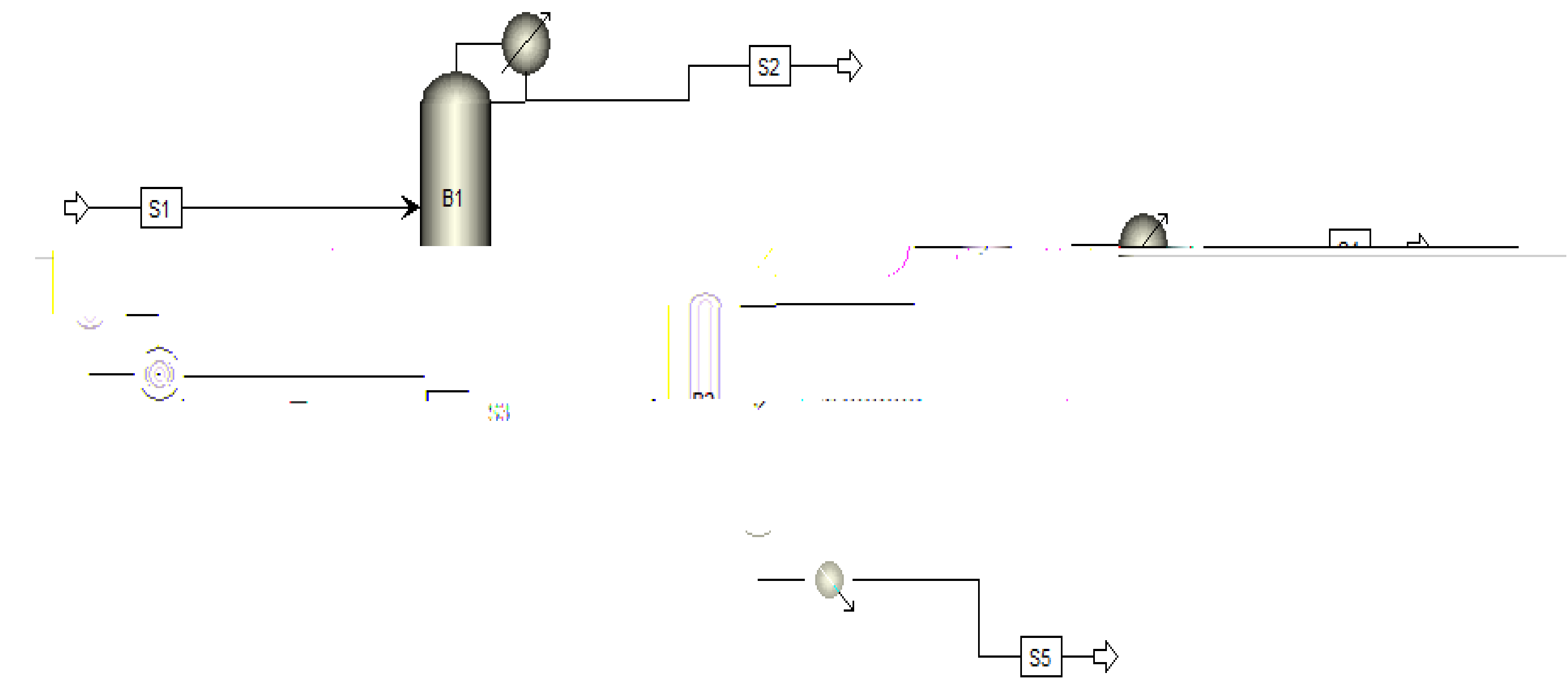
## OBJECTIVES

The purpose of this research project is to obtain the highest purity of BTX (benzene, toluene, and xylene) alongside the creation of the major fuels in the Type K crude oil cracking process while processing 35,000 barrels every day. The economics of the process was also taken into account to determine the profitability of the proposed process.

## METHODS

- Two separate Aspen Files were created to model the process flow diagram shown in Figure 3 and Figure 4.
- Aspens economic analysis program was used to estimate the cost of installation and operating costs.

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Acknowledgments  
Liam Podczko