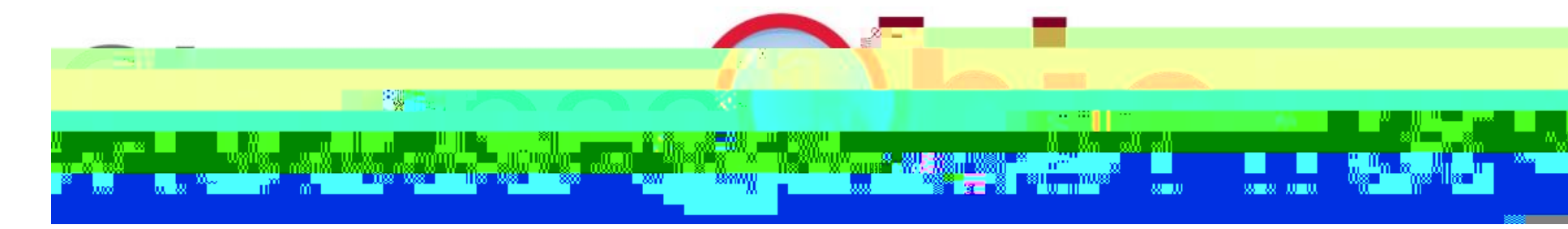


Cracking The Crude



by product

.A

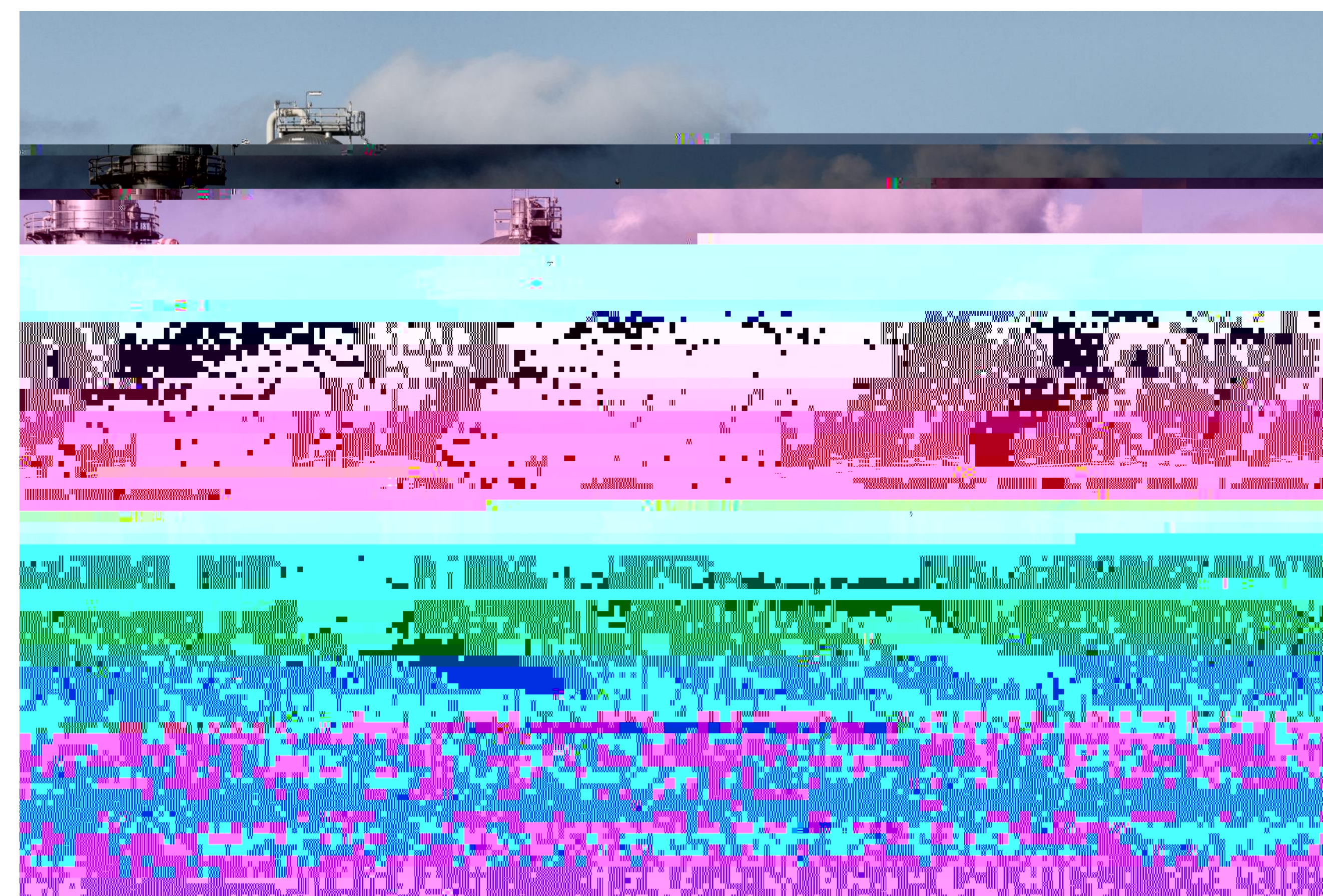
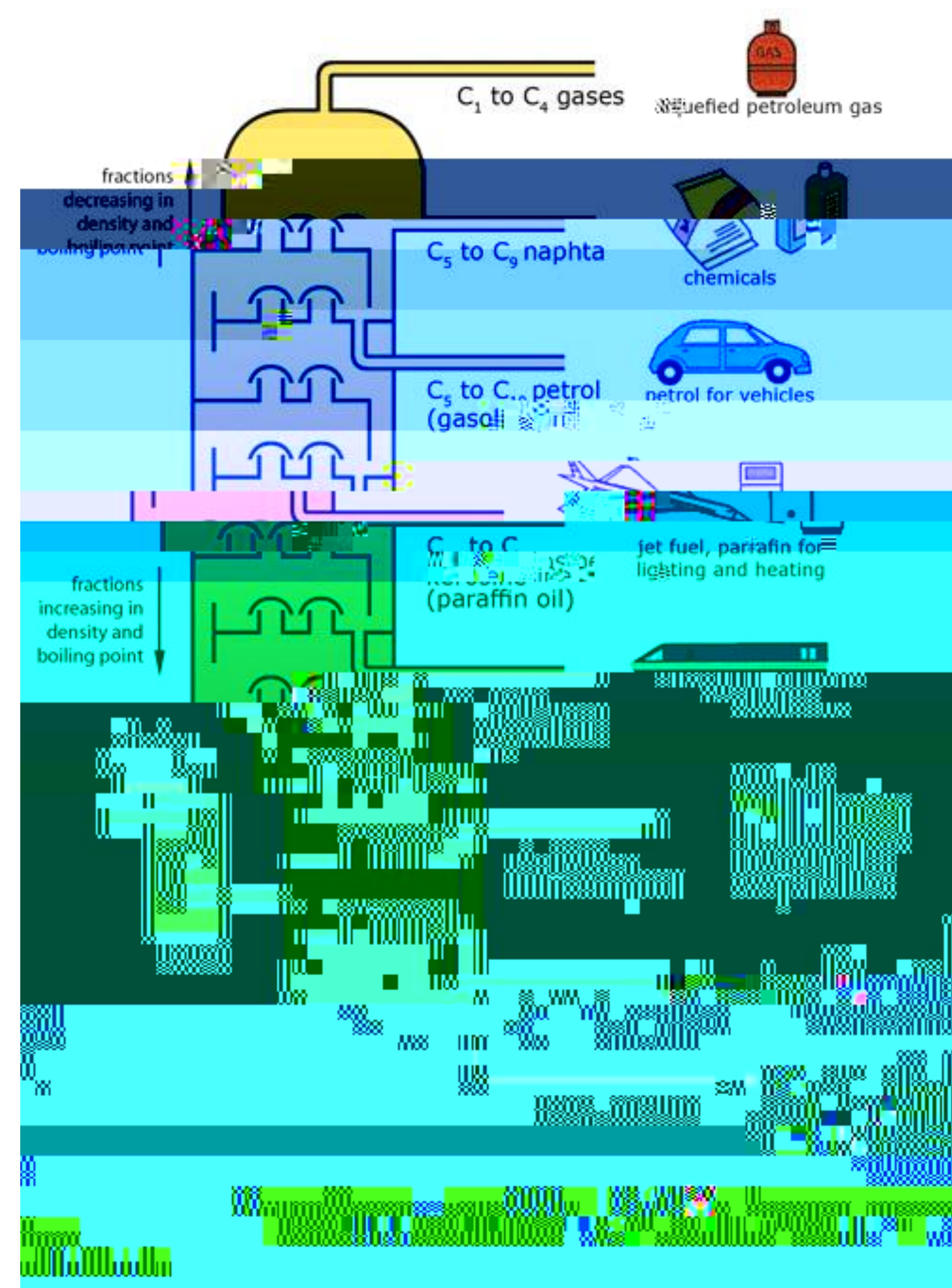
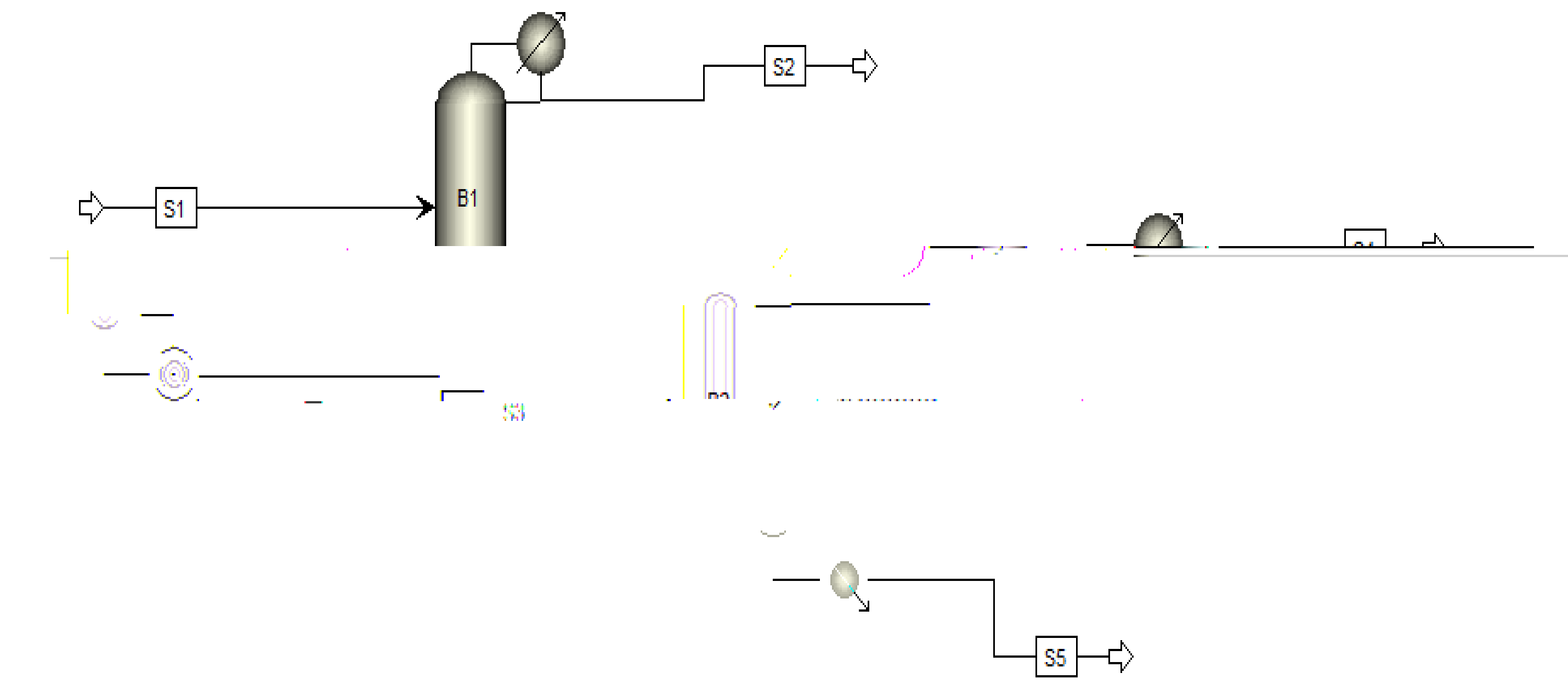


OBJECTIVES

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.
- ‡ Aspen's economic analysis program was used to estimate the cost of installation and operating costs.



Acknowledgments
Liam Podczko