

SHELL OIL COMPANY

REFERENCE

DATE MAY 13, 1977

TO INDUSTRIAL HYGIENE LABORATORY -
DIRECTOR - MR. F. M. PARKER, III

FROM SENIOR INDUSTRIAL
HYGIENIST - MANUFACTURING
SAFETY & HEALTH

SUBJECT BENZENE SAMPLING

I have been advised by Deer Park Manufacturing Complex that it expects to generate up to 200 benzene samples during the next month. Sampling will begin on May 13. A one-week turnaround on samples has been requested. I expect the number of samples could easily increase to 400 when other locations are taken into account. More specific information on the number of samples from other locations is being obtained. Your assistance in achieving rapid analysis of the samples is appreciated.

D. P. Atwood

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cc - Manufacturing Safety & Health - Manager - Mr. R. L. Brunner
Westhollow Research Center
Messrs. D. H. Morman
E. L. Doering
Deer Park Manufacturing Complex - Safety & Industrial Hygiene - Manager -
Mr. J. L. Rivard

PER. 10/6	GAV	JFB	WAR
SAFETY & INDUSTRIAL HYGIENE			
MAY 13 1977			
			FILE
VHM	JTS	DFG	RKJ

OPERATING JOBS IN HIGH BENZENE AREAS

OP-II

Pyrolysis - Shift Foreman
South Tank Farm Operator
East Fractionator Operator
West Fractionator Operator

Light Olefins - Shift Foreman
Compression Operator
Treating Operator

Hydrotreater - Shift Foreman
Hydrotreater Fractionator Operator
Hydrotreater Reactor Operator

Aromatics-West - Shift Foreman
ACU -

East Operator
West Operator
Pumper Gauger

BEU - Plat-1
BEU Operator
Platformer 1 Operator ("B" Column)

Cat Reforming - Shift Foreman
Reactor Operator
Regeneration Operator
Offsite Operator

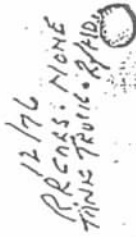
Dispatching -

Docks - Shift Foreman
Dockmen
Cargo Inspectors
Dock Pumper Gauger

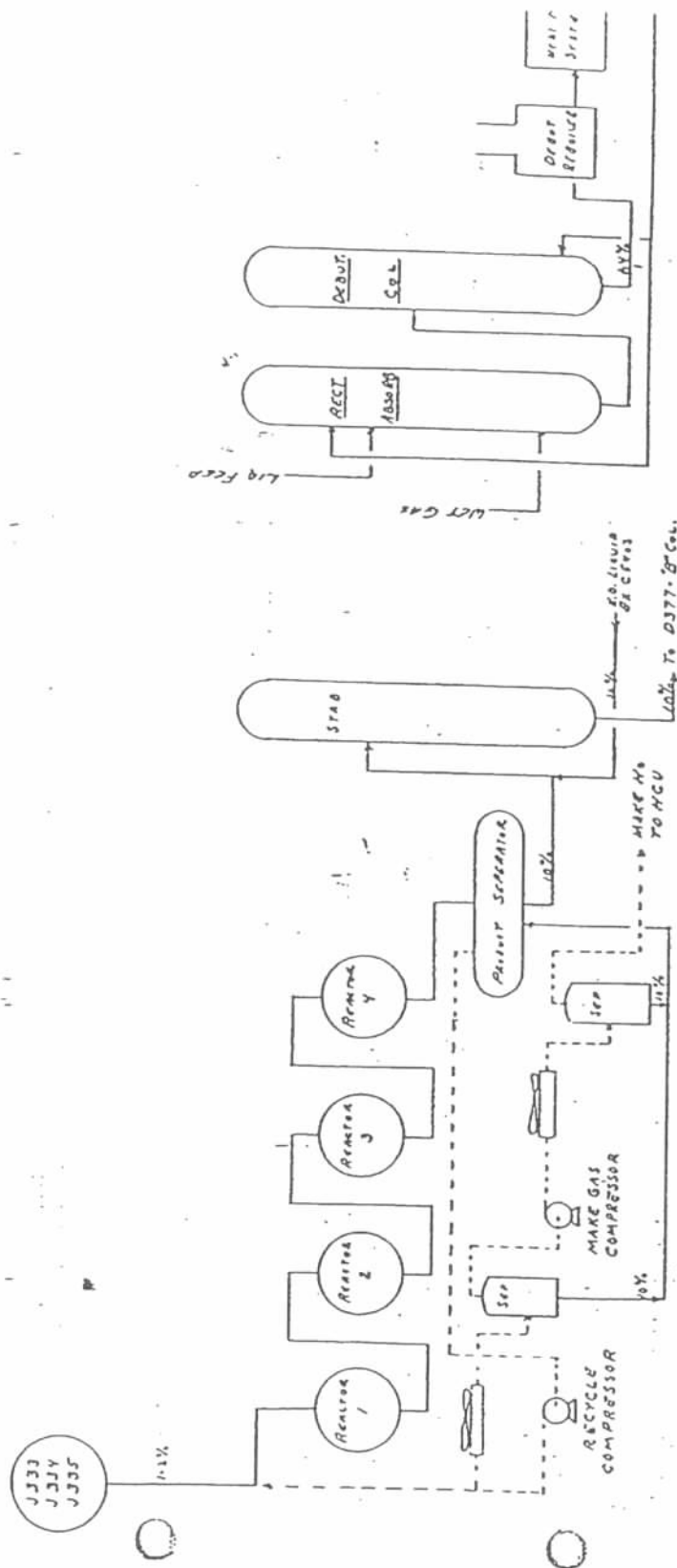
Tank Farm - Shift Foreman
North Zone Pumper Gauger (2 jobs)

Hydrocracking - Shift Foreman
HCU Fractionator Operator

120



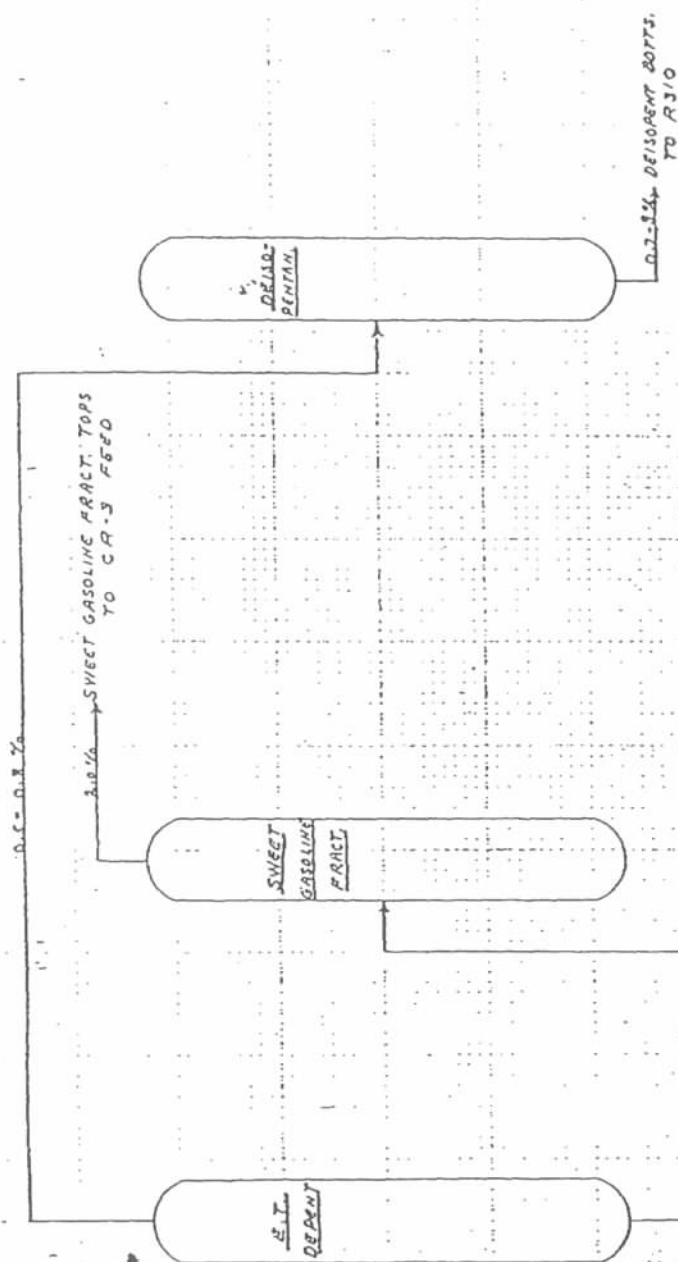
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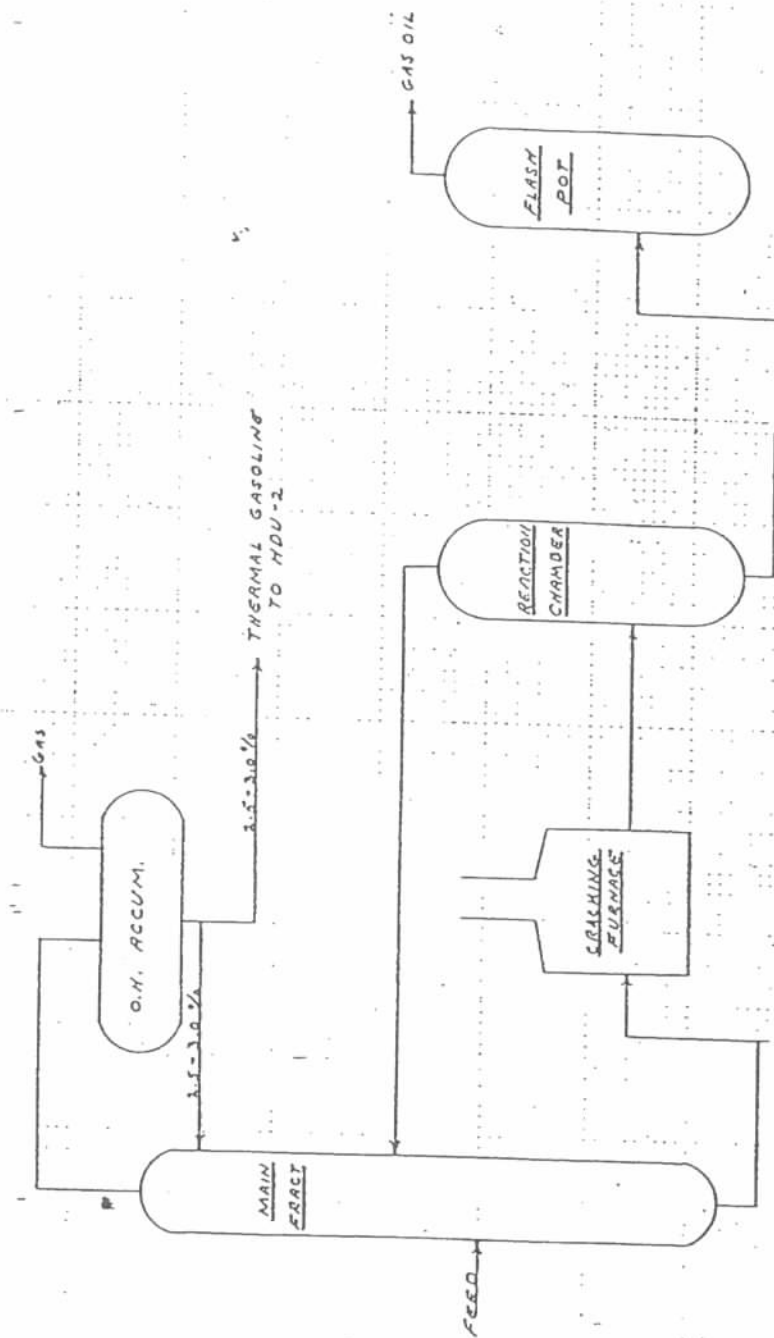
CR-3

SATS GAS PLANT

DEER PARK MANUFACTURING COM
CATALYTIC REFORMING
AREAL VINEER OVERLY BENZENE
CONCENTRATION UNIT

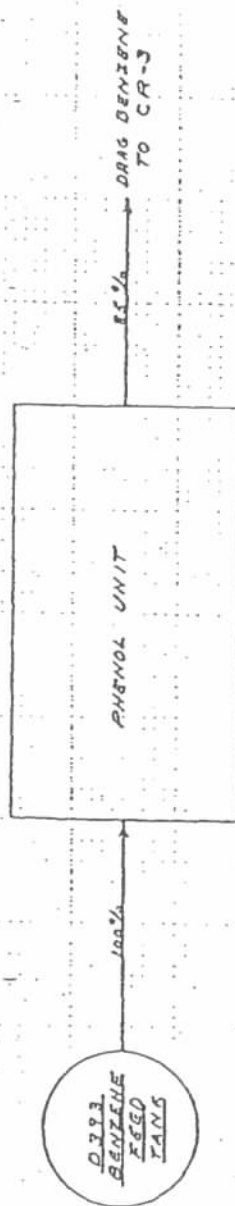


DEER PARK MANUFACTURING COMPLI
SOLVENTS AND TREATING
AREAL WHERE OVER 1% BENZENE
CONCENTRATION EXIST

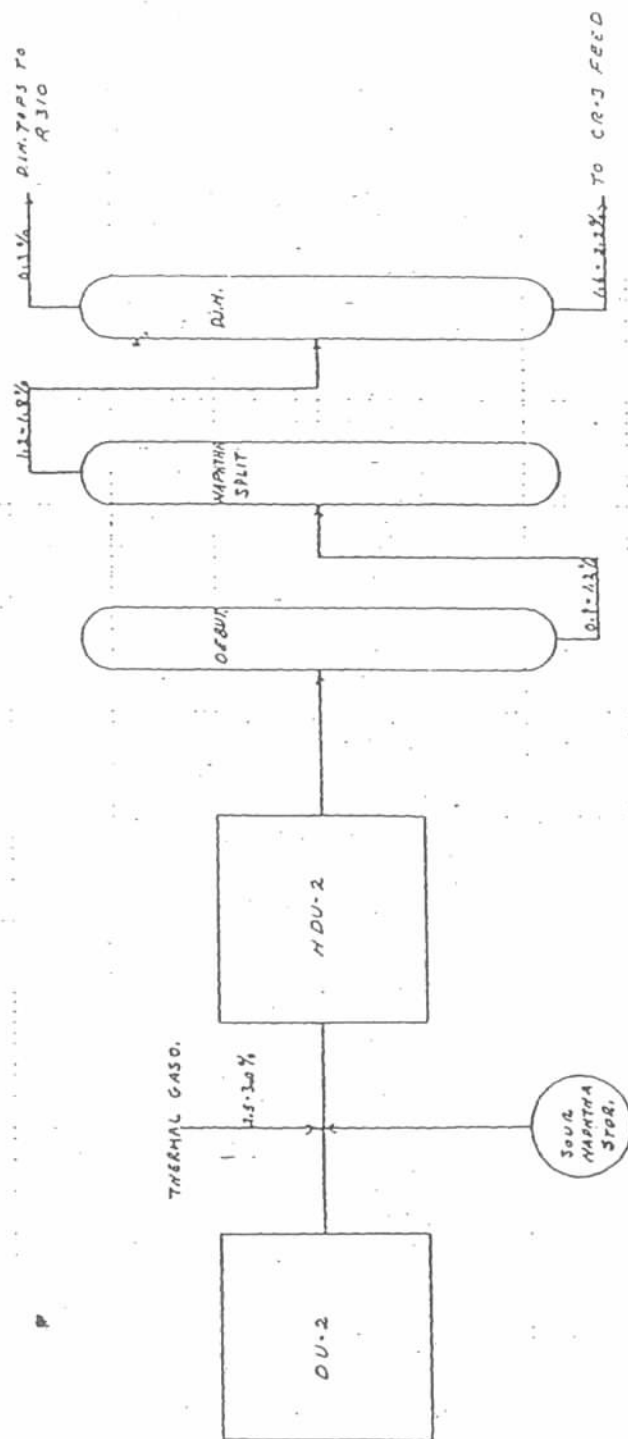


DUBBS 9

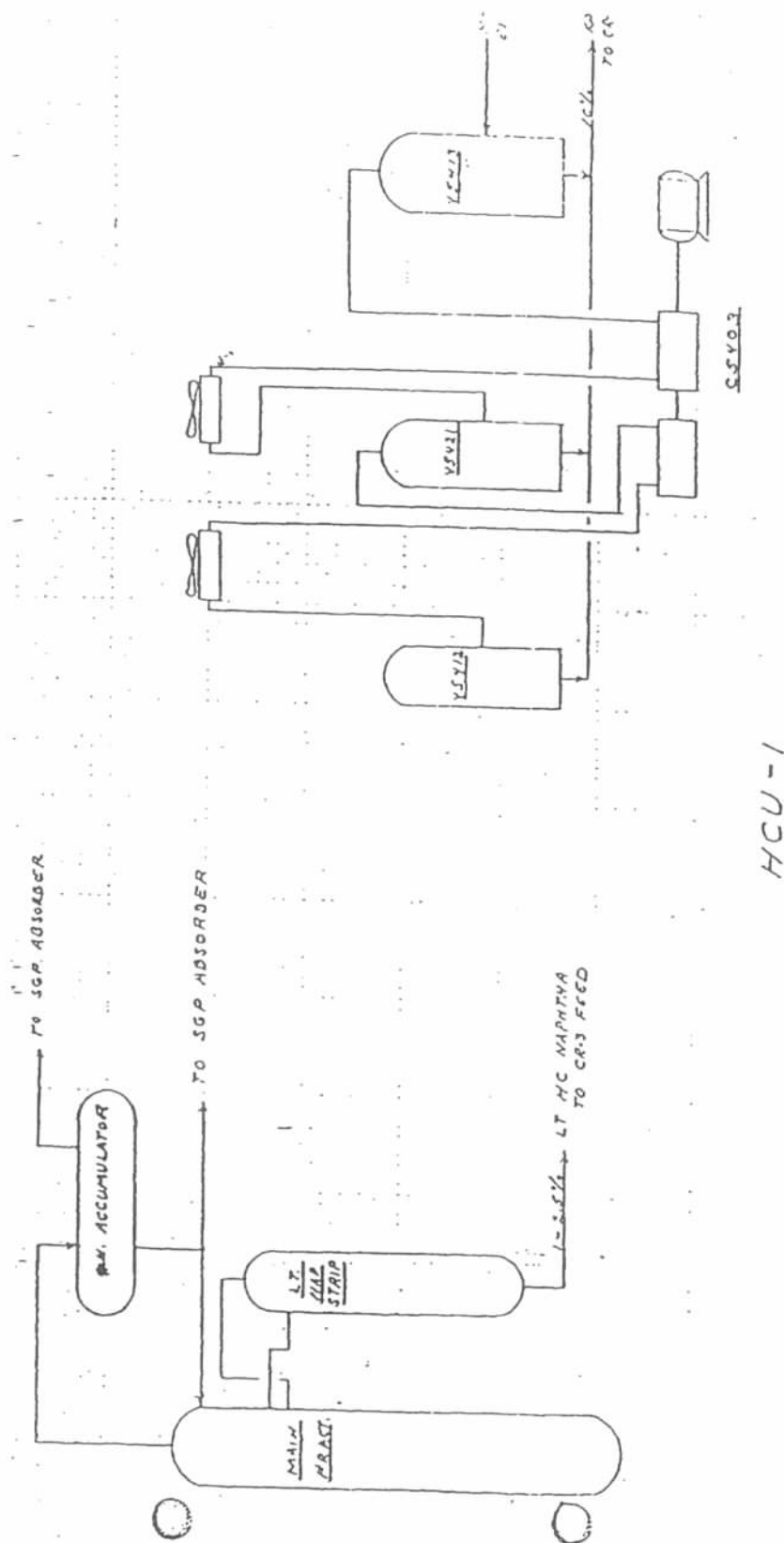
DEER PARK MANUFACTURING COMPLEX
THERMAL CRACKING
AREAS WHERE OVEN IN REMOTE
CONCENTRATION LIST



DEER PARK MANUFACTURING CO.
PHENOL
AREAS WHERE 1% BENZENE
CONCENTRATION FIRST



DEER PARK MANUFACTURING COMPLEX
DISTILLING
AREAS WHERE OVER 1% Sulfur
CONCENTRATIONS ARE



DEER PARK MANUFACTURING COMPL
HYDROCRACKING

DEER PARK OVER
MANUFACTURING

BENZENE