

# Shellegram

Deer Park Manufacturing Complex

Thursday, December 29, 1977

Vol. 42, No. 48

## SERVE Fund Could Help Your Project

The extension of the SERVE volunteerism program to include the SERVE Community Fund was announced by Bob Dunphy, manager, Community Relations in Houston, at a recent luncheon honoring more than 325 Shell employees, retirees and family members who have participated in the program.

President John Bookout told the volunteers that the Community Fund has been established in recognition of the collective achievement of Shell volunteers recruited through SERVE and also of those who have made their own arrangements to serve in volunteer capacities.

Added Harry Walker, vice president, Public Affairs: "The extension of the SERVE program is another means of expressing thanks. I trust you will regard it as an appropriate means by which to recognize your community service."

The SERVE Community Fund is designed to provide supplementary special-project funding to qualified organizations in which Houston-area employees and retirees are active volunteers. The Fund gives volunteers an opportunity to influence the distribution of a portion of the funds Shell makes available for local community support.

Beginning January 1, financial support of up to \$1,000 each for specific projects will be available to qualified local community betterment organizations in which Shell volunteers have a continuing active involvement.

For employee-retiree volunteers to be eligible to recommend an organization for funding, they must be full-time, Houston-based employees or retirees residing in the Houston area. The qualified applicant also must be actively involved as a volunteer in the organization for which the funds are requested. The employee need not be a SERVE program volunteer to qualify.

Included among the stipulations for the organization are the provisions that it must be operated on a not-for-profit basis and be located in the greater Houston metropolitan area.

Projects must be specific, such as for

the purchase of equipment or materials for a defined purpose, or to assist in special activities. The fund is not intended to offset general operating expenses.

"It is not our intent to make the guidelines overly restrictive," said Dunphy. "What they are meant to provide is a guarantee that the monies will be used to benefit truly worthy causes."

A likely project to receive funds

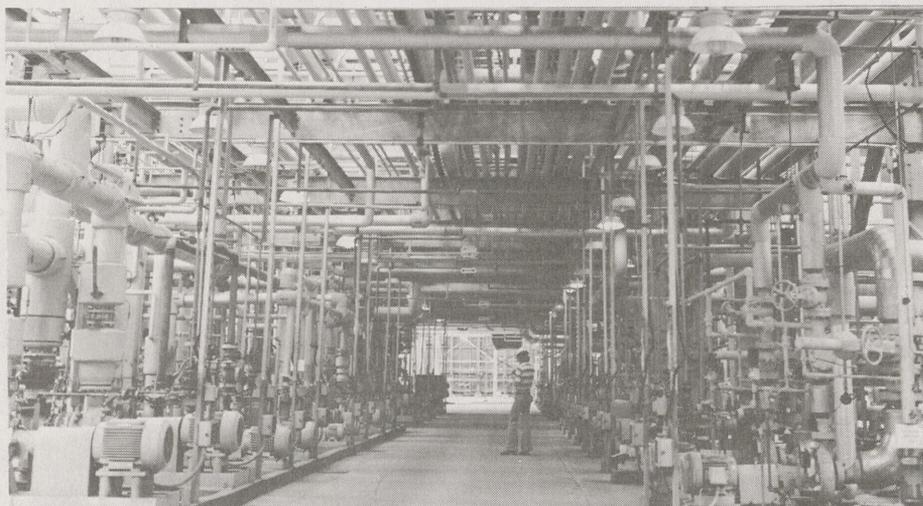
through the program would involve a volunteer who has been spending three nights a month at a non-profit agency teaching retarded children to read. He or she performs this service in a playground area around which there is no fence. Because there is a fear that the children might stray out into the street, it is decided to build a fence around the playground. The total cost of the fence is \$2,200. There will be a

continued on page 4

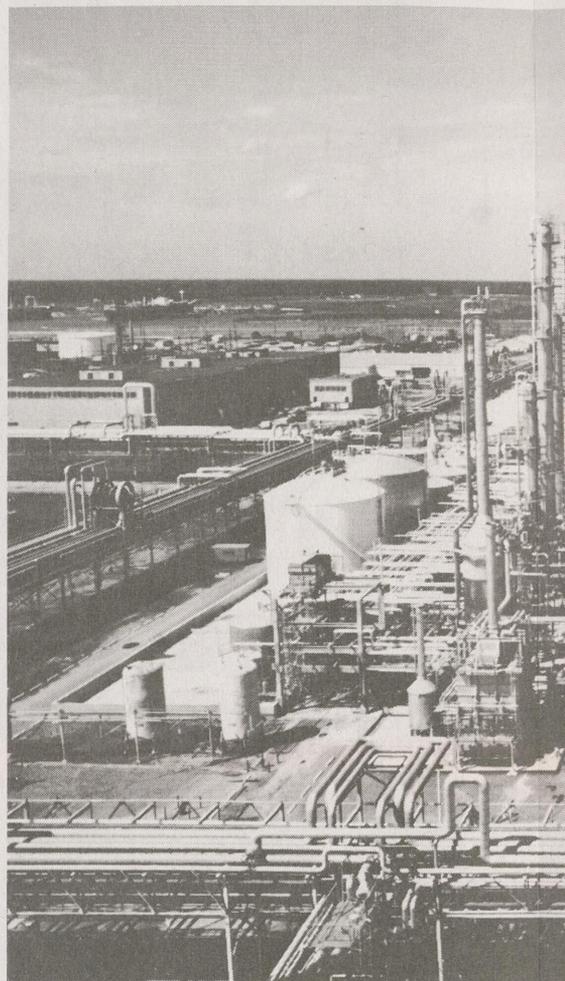


The Phenol-Acetone Plant features many columns such as the fractionating train group in Phenol B.

See inside for more pictures and information.



Phenol operator takes readings in pump alley as a routine part of his job.



# Phenol-Acetone Plant Start-Up

Ground was broken in November 1975 for the multi-unit, multi-million dollar Phenol-Acetone Plant. Mechanical completion of the plant occurred in August 1977 and the first feedstock was introduced a few days later. By the end of October, the plant was producing product. However, a reboiler failure on one of the plant's 19 distillation columns caused a shutdown during November, but the facility is now back in full operation, says Ron Banducci, superintendent operations.

The first phenol from the new plant was shipped last week.

Located on a seven-acre site, the plant contains the largest single-train, fully integrated phenol plant in the world with capacity of 500 million pounds per year. The plant also produces acetone at the rate of 300 million pounds per year.

Not only is the Phenol-Acetone Plant the largest phenol manufacturing

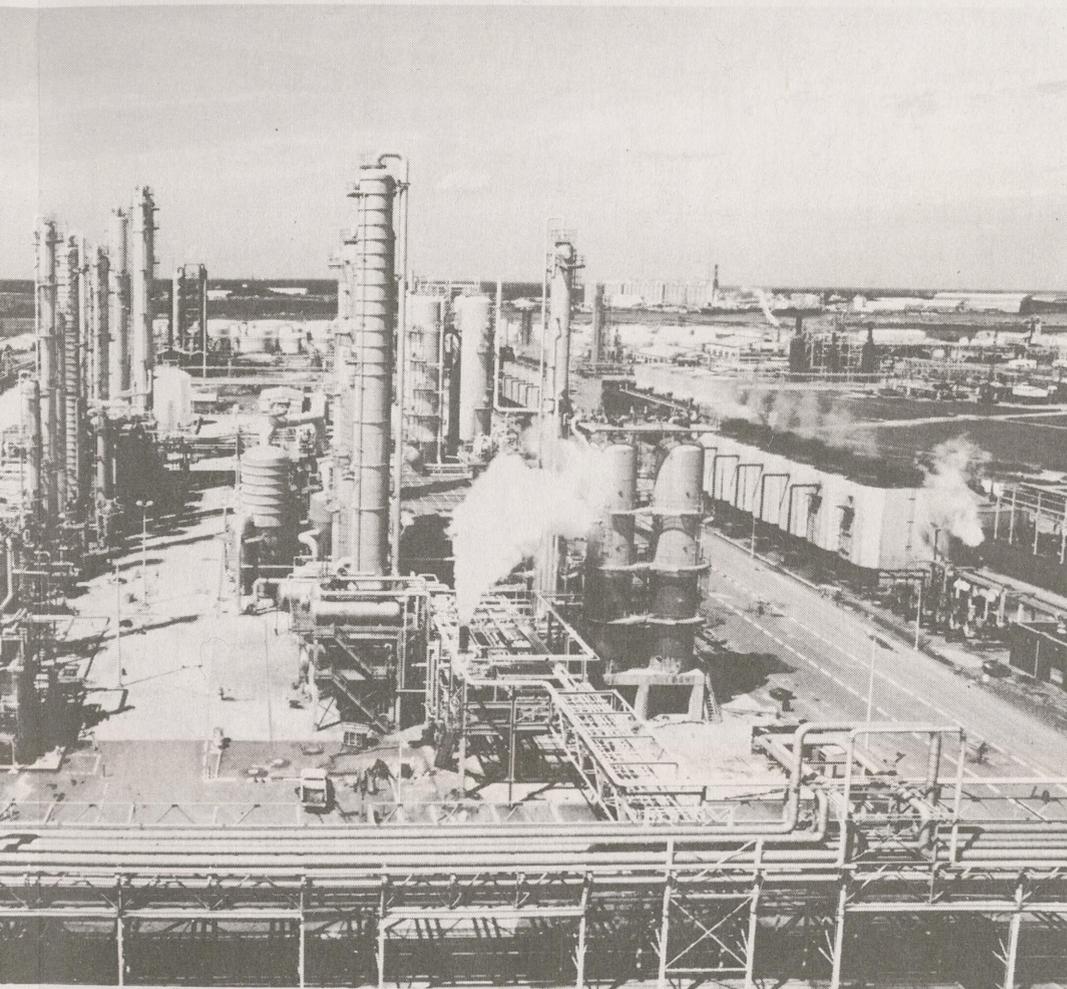
facility in the world, it will produce the purest end product available from a commercial manufacturer. Although most of the plant's production of acetone and phenol will go to the BPA (bisphenol acetone) units for use in the manufacture of resins, any production beyond the complex's needs will be sold to consumers on the open market. Facilities exist for barge shipment of phenol from the docks to a nearby terminal. From there it will be shipped by tanker, tankcar or truck.

The Phenol-Acetone Plant is divided into two operating departments. Phenol A (on the east side) under process manager Henry Blunt comprises the following principle areas and functions: cumene manufacture, oxidation of cumene, cleavage of cumene hydroperoxide (CHP) as well as the plant's auxiliaries and utilities. Phenol B (on the west side) under process manager John Henry is comprised of

Special care went into the design and construction of the plant to ensure that the manufacture of phenol and acetone would not impair the quality of air or effluent water within the DPMC. Prior to the initial design of the Phenol-Acetone Plant, representatives of Shell and its contractor visited similar plants worldwide to learn what innovations, based on operating experience, could be made to improve safety, operability and maintainability. Their study was the basis for the design of the plant now in operation.

the acetone and phenol fractionation systems, alphas-methylstyrene and heavy ends recovery, and effluent treatment or dephenolation.

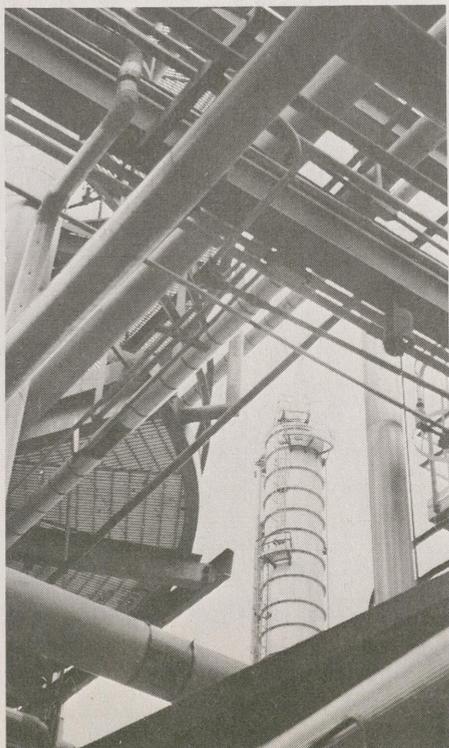
Among the many uses of phenol are the manufacture of resins for moldings, adhesives for plywood, plastics, Epoxy paints, certain nylons, electrical insulation materials, wood preservatives, dyes, herbicides and perfumes.



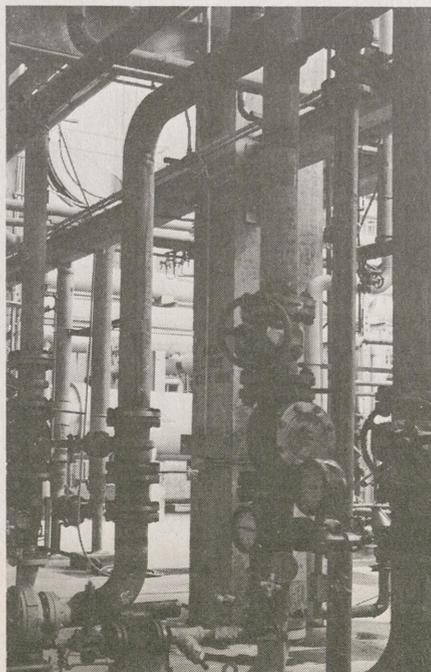
The overall view of the Phenol-Acetone Plant is one of many columns, pumps and piping.



Above, the crude phenol column towers above the pipeline maze.



Far left, piping forms a frame for the cumene column.



Left, an abbreviated glimpse of the Phenol A oxidizer feed pumps and the cumene wash drum circulating pumps.

# Classifieds

## FOR SALE

1973 Pontiac Catalina 4-door, air, automatic, P-S-B, one owner, 48,000 miles, body and inside appearance very good, needs tires. \$1,200. 643-0361

Honda 450 in excellent condition. \$650. 453-5360

Camper top LWB. \$65. 4-speed Ford transmission with shifting arm. \$85. 455-0056 after 3:30 p.m.

Traditional, loose cushion, matching couch and loveseat, off white background with beige, gray, brown floral pattern, woven Scotchguard fabric, slightly soiled, good condition. \$250. 9' x 12' red shag area rug. \$75. 471-5365

30" Tappan 4-burner range. \$100. 471-5596

22.2' Aquasport boat, 135 Evinrude, galvanized trailer, all extras. \$4,000. 479-2261

1976 Ford pickup, 6 cyl. standard, LWB, fiberglass cover, 23,000 miles. \$2,950. 479-2261

1962 24-volume Encyclopedia Britannica, excellent condition, atlas and bookcase included. \$75. 471-5365

1976 Dodge van bucket seats. Two for \$100. 453-1815

## PERSONAL

Would the owner of red Ford that was slightly damaged Friday, 12-23, call Ben Stefka on 479-2261.

## SERVE Fund

continued from page 1

general fund drive to raise this amount. Chances of getting a SERVE Community Fund in this case would be excellent.

If you are an active volunteer and would like more information on the SERVE Community Fund, please pick up a pamphlet detailing the fund's availability in room 151 of the Refinery Administration Building.

Form request forms are available from the SERVE Volunteerism coordinator, Pat Loman, room 1561 in One Shell Plaza, 241-3657. Pat will counsel employees on how best to apply. When an employee or retiree has submitted a completed request form, it will be reviewed by the SERVE Fund Committee. If the request is approved, a check, payable to the organization, will be forwarded to the volunteer.

If the volunteer's request is not approved, they will be notified in a letter explaining the reason for the rejection.

The fund is in addition to the considerable amount of money the company and the Shell Companies Foundation makes available for community causes.

## Welcome To Deer Park



Al Rieck  
General Helper  
Maintenance North



Jorge Rodriguez  
General Helper  
Maintenance South



Steve Rouse  
Painter No. 1  
Maintenance North



Ron Sackett  
Lab Technician  
Quality Control Lab



Jose Sanchez  
General Helper  
Maintenance North



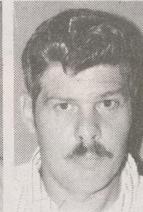
Sharad Sawkar  
Engineer  
Mechanical Equipment



Michael Sinast  
General Helper  
Maintenance South



Bob Sorensen  
General Helper  
Maintenance North



Floyd Spies  
General Helper  
Maintenance South



Ron Stokes  
General Helper  
Maintenance South



Susan Sweny  
Office Secretary  
General Services



Ginger Tatom  
Typist  
General Services



Craig Theriot  
General Helper  
Maintenance South



Sandy Turner  
General Helper  
Maintenance North



Jim Whitman  
General Helper  
Maintenance South



Ken Wiederhold  
General Helper  
Maintenance South



Bob Willhouse  
Instrumentman No. 1  
Maintenance North



Jeff Williams  
General Helper  
Maintenance North



# Shellegram

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