

# Shellegram

Deer Park Manufacturing Complex

Thursday, December 9, 1976

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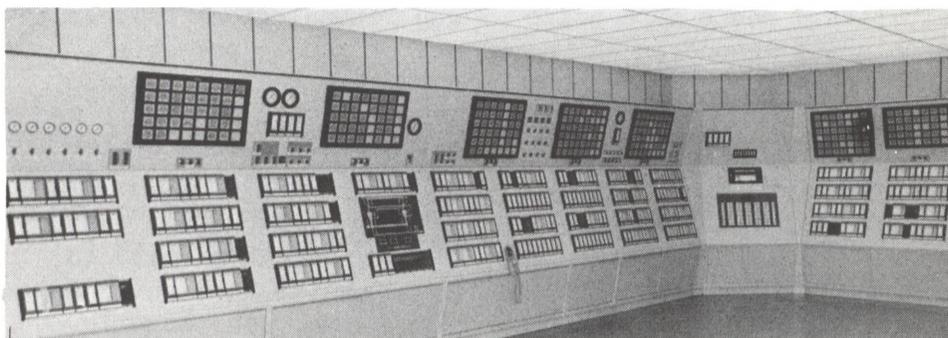
## PHENOL 2 CONTROL ROOM AMONG MOST MODERN

When completed early next summer, the Phenol 2 control room will be among the most modern within Shell. This nerve center of the Phenol 2 manufacturing facility has a control board arranged in direct relationship to the physical layout of the units that comprise the process.

Utilizing the results of studies and experiences with present standard process unit control centers, Shell sought to incorporate the latest architectural techniques in designing the furnishings, colorschemes, lighting, etc., to give a complete design package that would be aesthetically pleasing as well as functional. This facility will have a spare air conditioning unit, a sample testing room and a completely equipped kitchen. Matching modular furnishings, diffused non-glare lighting and modern communication equipment, including personal radios, are also being provided.

Operations supervisors for Phenol 2, E. L. Griffith and G. Scott, note that job posters offering opportunities for refinery employees to bid into the Phenol 2 operating area will be put out during the week of December 12.

Shift foremen recently selected for this area are: C. Compton, R. L. Cook,



*The Phenol 2 control room pictured above will be among the most modern within Shell.*

D. R. Creel, W. L. Edwards, H. J. Farmer, A. M. Grimmett, E. L. Stubbs, J. L. Weatherford and D. E. Wiggins. One additional foreman remains to be selected.

Superintendent operations-start-up is R. J. Banducci while J. H. Blunt is process manager for Phenol A and J. T. Henry is process manager for Phenol B.

## HERSCHEL THOMAS COMPLETES "BASIC STRENGTH OF MATERIALS" COURSE



*Hank Lewis (right) presents Herschel Thomas with a certificate for successfully completing the course, "Basic Strength of Materials," while the course's author, Ed Fielder, looks on.*

"It took a long time," commented H. J. "Hank" Lewis, manager Engineering Support, as he presented senior draftsman Herschel A. Thomas with a certificate for successfully completing the engineering course "Basic Strength of Materials."

The course, designed by engineer Ed Fielder, is composed of a series of problems which are solved outside of working hours and then submitted for approval. It covers the design portion of engineering, but also deals

with problems, such as stress and torque.

Having completed the course makes Herschel a much more valuable employee, and Hank expressed his appreciation at the presentation which included chief draftsman Bob Eden and engineer Ed Fielder.

Herschel expressed his gratitude for the assistance given him by engineer Jerry Clinkscales. "Jerry helped me to understand the requirements of the course," said Herschel.



Saturday, December 18, from 7:30 pm until 11:30 pm, is the time selected for SCORA's Christmas dinner dance at the Marriott Hotel, 2100 South Braeswood. Dinner will be served at 8:00 pm, and Bill Black's Orchestra will present "Music for Everyone."

Tickets must be purchased by 3 pm on December 16.

(Continued on page 4)

**DEL CHRISTENSEN PLACES IN AICHE CONTEST**

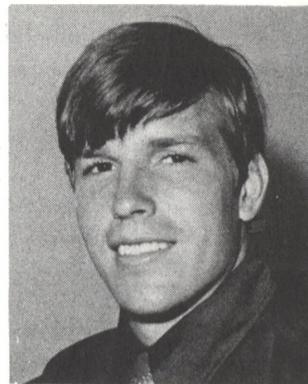
November 11, 1976, was a big day for Del Christensen. That was the day of the AICHE (American Institute of Chemical Engineers) honors luncheon, where Del was awarded a certificate and a cash prize for placing second in an AICHE sponsored student contest problem involving 1,000 senior chemical engineering students from 30 schools. Each school selected the best of the entries done by its students, and at Michigan Technological University in Houghton, Michigan, the choice was Del's solution to the problem of coal liquefaction.

Del's solution included utilization of reactor sections and separation equipment for the production

of 50,000 barrels per day of No. 4 Fuel Oil at an equivalent cost of \$30 per barrel.

The weeks of work involved were rewarded when his solution was chosen by Michigan Technological University out of the 24 possible entries. They were again rewarded when his entry was given second place by the AICHE sponsors.

Del is a new engineer in Process Engineering-East.



Del Christensen

**SHELL CATALYST USED IN MARS SOFT LANDING**

A few pounds of Shell 405 are on the planet Mars.

The catalyst was used recently to allow the U.S. Viking I spacecraft to land softly on Mars in mid-July and Viking II to land in early September.

The catalyst was developed by Shell in the early 1960's at the Emeryville Research Center for use in small monopropellant rockets. The program was funded by the National Aeronautics and Space Administration and later by the U.S. Air Force.

It has since become the standard of the aerospace industry for controlling altitude and station-keeping of satellites.

The catalyst instantaneously initiates decomposition of liquid hydrazine rocket fuel into a mixture of ammonia, nitrogen and hydrogen gases, which can be used to provide thrust.

The catalyst has been used in the guided Mariner fly-bys of Mars, Venus and Mercury, and most recently in the Mars soft landings.

The catalyst is made by Yosh Sakauye in a laboratory specifically designed for this purpose at Westhollow Research Center in Houston. Sakauye has been involved with the catalyst manufacture since its development.

**HAVE A SAFE HOLIDAY**

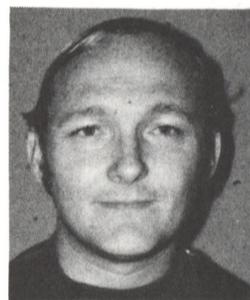
Flameproofing your Christmas tree is one way to avert a holiday tragedy and can be done as part of your decorating festivities.

- Mix 9 ounces of borax
- 4 ounces boric acid
- 1 gallon water.

Spray tree with mixture until it is saturated. Let dry and then decorate. (To aid penetrating qualities of solution, add 1/4 tablespoon low sudsing detergent to mixture.) There is no change in color or texture of tree.

In experiments with cedar, white pine and yellow pine, the untreated cedar literally exploded in flames and burned in three seconds. The pines burned more slowly, but the treated trees would not burn.

**BOILERMAKER, COOLING, DIES**



Cooling

B. J. Cooling II, 28, died November 28.

At the time of his death, he had six years of company service and was a boilermaker No. 1 in Maintenance Engineering

B. J. is survived by his wife, Sheron, who resides in La Porte.

**SHELL TO PRODUCE ENERGY CONSERVATION VIDEO TAPE**

If you thought you saw a film crew inside the complex earlier this week, it wasn't a dream! The fact is that Deer Park was chosen as the location for Shell's first manufacturing video tape on energy conservation.

The video tape will concentrate on energy usage within the complex. "Mak-

ing us aware of ways in which we can help conserve energy will be its primary objective," says staff engineer Ken Jones, "and with our nation's growing dependence on outside sources of energy, this is something that should concern us all."

The tape will be produced

by the News and Information Division of Shell's Corporate Public Relations Department. It will include scenes from throughout the complex, including some spoken lines for a few lucky individuals.

The completed production will be ready early next year and will then be shown throughout the complex.



Dick Allen and the River Road Boys.

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The Wylie High School Pirates recently won the District 12-AA championship with a conference record of 6-0 for the year. The Pirates went on to beat Granbury for the bi-district championship, but lost their first game in the regional contest.

The Pirates' offensive line coach is Rick Page, son of head telephone operator Billie Page. Billie, an avid supporter

of her son's team, has attended most of their games despite the chilly weather and the 600-mile round trip.

"We took along plenty of warm clothing, a blanket and a thermos of hot chocolate," says Billie, "but it still got mighty cold in those open bleachers."

With only three of their members graduating in the June class, the team stands an excellent chance of doing better in the upcoming seasons. Maybe they'll win the regionals. Maybe. Billie certainly hopes so.

ENGINEERING SUPPORT RECOGNIZES SAFE YEAR



Guests at the Engineering Support safety party included: top, l-r, Jack and Myra Mulcare, Calvin Cargill, Richard and Linda Leach. Also present were: bottom l-r, Mary and Joe Martinez, Brenda Drake, Vern and Janis Harry.

CAR POOLS SAVE MONEY



AND ARE SAFER TOO

## CLASSIFIEDS

## FOR SALE

70" Thrush sidepipes, used 500 miles, aluminum alloy, fits cars, trucks, vans. \$50.

477-8905

Glass boat, galv. trailer, Johnson motor, running lights, life preservers, all equipment like new. \$750.

479-2709

Brand new 4-ton day/night central heat/air unit, includes compressor, 10,000 BTU heater and sensing unit.

738-3592 after 4 pm

1973 green Chevrolet Caprice, loaded, 30,000 miles, extra clean. \$2,550.

476-6481

Texas Instruments SR-51A Super Slide Rule Calculator, 3 months old, trig/statistical functions, exponents, etc., case, charger, instructions. \$50.

488-0405

1970 Ford pickup camper cover and overdrive. \$1,350

422-2728

1971 Chrysler Newport 2-door, all power, air, AM radio, good condition. \$1,300.

424-1209

Size 10-12 ladies' clothes, includes suits, gowns, jackets and dresses.

944-3789

1974 Buick La Sabre, blue/white. Bedroom suite, black bar stool, leather chair, lamps.

682-6401

Kodak X-15 Instamatic camera in perfect condition, takes excellent pictures, uses Magi-cubes. \$7.

487-0361

1975 Honda Super Sport 550-Four, very clean, 4,000 miles, helmets included. \$1,195.

473-1274

1971 Ford LTD Country Squire stationwagon.

488-2964

Sturdy, light wood table and 6 upholstered chairs, about 20 years old, table needs re-finishing. \$60.

493-5984 after 5

3-1½-1 brick house, partially remodeled in Pasadena. Northern pine dinette set and living room furniture, 2 chairs, 2 end tables, couch.

477-5333 after 5 pm

1973 Honda 175, electric start, 5,000 miles, helmet. \$350. 1974 CL125 Honda, street legal, 1,700 miles, helmet. \$350.

573-1465

Guitar and case. \$25.

941-0349

Heavy duty tractor engine, 12 hp comp. with starter, generator, voltage regulator.

471-2961

1973 Toyota Corolla 2-door, 38,000 miles, good condition. \$1,300.

477-1890 after 4 pm

Bicycle exerciser. \$20.

472-4986

26" 10-speed boy's Schwinn bicycle, yellow, like new. \$85. 26" standard boy's Schwinn bicycle, poor condition. \$15.

941-0349

Kimball spinet piano, like new. \$1,300.

332-4695

2 heavily wooded acre lots in Barber's Hill school district in 53-acre subdivision. \$7,950.

452-0025

1964 VW bug, good condition, runs good. \$300.

479-1729

## WANTED TO BUY

Air compressor ½ hp or bigger.

471-2961

Good, used go-cart in running condition.

479-2700

## SCORA....

They can be obtained from any of the following employees: Adrienne Car on 7773, Bob Johansen on 6313, Sharon Palmer on 6752 or Edgar Clark on 7303.

Tickets are \$15 per couple for members and \$20 per couple for guests.

Remember, tickets must be purchased by December 16 to attend the dance.

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SCORA square dancing for beginners and professionals (we will have several months of lessons) will begin January 4, 1977, and will be held the first and third Tuesday of each month at the Deer Park Community Center, 610 East San Augustine, from 7-10 pm.

Two free lessons will be given to the couple who joins the group and submits the winning name for the square dancers.

The cost will be \$2.50 per couple for each dance session and babysitting will be provided on the premises.

"We already have a few squares together," says Employee Relations' Sandra Bradbury, "but need some more couples." To join, call Sandra on 6119. She'll be glad to sign you up.

## SHELLEGRAM

Published by Shell Oil Company for its Deer Park Manufacturing Complex employees at Deer Park, Texas.

Dotti West, Editor

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