

# Shellegram

Deer Park Manufacturing Complex

Friday, November 8, 1974

Vol. 39, No. 43

## ENERGY PRODUCED BY WIND AND SUN

Wind and sun are producing energy - to save energy - in five oil and natural gas fields miles off the coast of Louisiana in the Gulf of Mexico. Offshore fields producing a total of several thousands of barrels of oil and billions of cubic feet of natural gas each day, Shell has installed four windmills and a solar cell on unmanned production platforms.

A far cry from the antique windmills of rural America, the four sleek pinwheels are being evaluated as alternative power sources for the navigational aids on the platforms.

The windmills are the first to be installed on offshore petroleum production facilities.

"Each windmill will place 10-30 storage batteries, depending on the amount of power needed to run the fog horns and navigational lights marking the production platform," according to J. D. Witcher, Shell's Offshore Division. Witcher is the project coordinator for the alternative energy programs.

The storage batteries for the navigational aids had to be replaced at least once a year in the past," Witcher says. "When you consider the amount of energy it takes to make the batteries - we are conserving a significant amount of energy."

Each windmill generates from six to twelve volts of electricity. The size of the windmill depends on the requirements. The windmills are connected to an alternator, which charges rechargeable batteries. The batteries, in turn, supply adequate power for the fog horns and navigational lights.

Witcher said Shell

decided to use windmills on unmanned production platforms because the electrical requirements are relatively small and can be met by energy supplied by the generators.

The solar cell was installed on an offshore unit to recharge a single battery. The solar generator produces 500 milliamps an hour and recharges a battery used

for navigational aids. The solar cell is being evaluated for smaller platforms which require less power than those using windmills.

After the initial evaluation, Shell plans to install windmills on additional platforms in the Gulf and hopes to conserve about a third of a million dollars worth of energy annually.

## SHELL SALUTES DEER PARK ISD



Shell Oil Company salutes the Deer Park Independent School District through a display at the annual Deer Park Fall Festival which was held October 24 through October 26. Pictures used in the display were taken at the various schools in the Deer Park ISD of the spouses and children of Shell employees.

### A reminder

#### TETANUS SHOTS DUE

All refinery employees who received their first injection of the Tetanus series last month are now due for the next shot in the series. Those who had the series a year ago may also come for a booster shot.

Please report to Room 107 in the Main Office Annex between 7:30 a.m. and 3:30 p.m., November 11 - 15.

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See center pages for pictures of the Ten-and-Over Parties for the Complex.

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#### PROVIDENT FUND NEWS

The following is the Equities Fund valuation:

October 20, 1974 - \$1.942



PENSIONERS, EMPLOYEES GATHER FOR A DAY . . .





... OF REMINISCING AND CATCHING UP ON THE NEWS



**CLASSIFIEDS**

**FOR SALE**

1969 17' Starcraft boat, 65 hp Johnson, big wheel sportsman trailer, 18 gallon tank. \$1,950. 473-2023

Rear bumper from 1972 Chevy pickup. Make me an offer. 674-3337

1972 gold Honda CL-100 with luggage rack and back rest, real clean. \$340. 487-0834

Mediterranean couch. \$50. 946-2040

**VICTIM REFUSES TO BE PART OF CRIME**

Your eyes can play tricks on you in the early morning, especially Sunday morning.

At just such a time game warden Charles Koenig of San Antonio was out on patrol when he came upon three men stuffing what looked like a dead white-tailed deer in the trunk of a car.

Koenig approached the men and asked to see the contents of the trunk.

Acquiescing, one of the trio opened the trunk lid whereupon a very live and scared whitetail doe sprang into the surprised face of the man and bounded down the road with white flag raised.

The men confessed that they thought they killed the animal by hitting it with their car.

Koenig, for the lack of a corpus delicti, lectured the group on the proper use of the state's wildlife and sent them on their way.



"I'm not a compulsive gambler anymore. In fact, five will get you ten if I ever do it again."

18,000 BTU, General Electric air conditioner. \$120. 8,000 BTU, Whirlpool air conditioner, 110 volts. \$80. Both 2 years old and in excellent condition. 943-0448

Reg. Appaloosa mare, 8 years, gentle, excellent western pleasure, perfect for beginner or expert. \$750. 333-2533

Telescope, Wards 350X with 30X, 175X, 6-18 zoom lens, other accessories. 1973, perfect, not a scratch. \$95. 488-6437

His and hers white/gold chairs with matching ottoman. Cost \$325; sell all three for \$100 or will sell separately. 941-8823

16½' outboard, Chrysler Bow-rider 70 hp Chrysler engine, newly rebuilt and warranted. New trailer. 474-2310 or 643-2893

Montgomery Ward go-cart in excellent condition. \$125. 649-5306 after 5 p.m.

**WANTED**

Ping Pong table. 944-8895

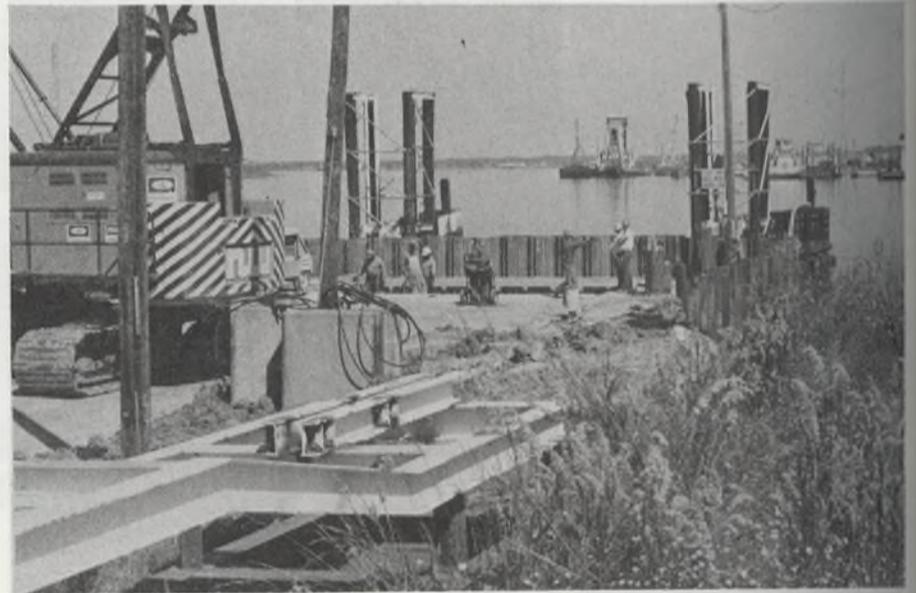
**WANT TO TRADE**

Avocado 30" electric stove for a good freezer. 487-3125 after 4:30 p.m.

**FREE**

Puppies of mixed breed, small, mother weighs ten pounds. 473-5062

**LYNCHBURG CROSSING CLOSED FOR REPAIRS**



*FERRY CLOSED - The Lynchburg Ferry is closed for repairs. Workmen are busy remodeling the entrance to the ferry and raising the level of the road to prevent flooding. The work is expected to be completed by April 1975.*

**SHELLEGRAM**

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

**Mrs. Dotti West - Editor**

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