

CCU Gets New Computer

The new computer system installed in the Catalytic Cracking Unit (CCU) is the sixth process control computer to be installed within Shell on CCUs. It has the capability of maintaining complete surveillance of the process operating conditions of the CCU and updating this

information every 30 seconds, 24 hours a day.

This ability enables the CCU staff to assimilate data into something that can be reviewed on the spot. Along with the information presented by the computer, readings that are outside preset

tolerances are identified.

Information updated every 30 seconds includes all temperature readings, pressures, flows and many calculations, such as catalyst circulation rates, conversions, pressure balances and temperatures on the reactor and regenerator which would otherwise be unavailable to the operator. The computer also generates summary logs, shift foreman reports and visual displays of key information which can be printed out for future reference.

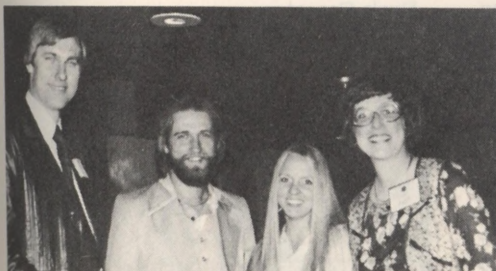
It has an optimization feature which makes many calculations to determine which mode of operation will provide the maximum performance at the lowest cost. This ability is one that no human being could be expected to perform, but one that the computer can achieve easily in 30 seconds.

Another feature is its ability to serve as a training tool, especially to develop new board operators and improve their understanding of the process. Simply by pushing a button, an operator can have pictured before him or her all pertinent information on any phase of the operation within the CCU. The information is presented on a TV screen with all readings displayed in a manner which shows the operating condition of the system being viewed. The range of tolerance for each reading also is shown. This permits the operator to visualize what is occurring within the unit at the time it is happening.

Continued on page 2



Operators E. J. Nelson (standing), Bill Polson (seated in the foreground) and M. G. Harris use their newly installed computer to check on the pressure balance of the reactor.



Safety Recognized

Guests at the Alkylation safety party included: Rod Alleman, Lamar and Linda Stokes, and Clo Laird; Joyce and Richard Faz; Shirley and Homer Denson; Ray and Shirley Malonson; Howard and Jeanette Green.

Welcome To The DP Mfg Complex



Kathy Alsip
General Helper
Maintenance North



Tracy Barnhill
General Helper
Maintenance North



Doug Bostrom
General Helper
Maintenance North



Debra Davis
General Helper
Maintenance North



Joe Diaz
General Helper
Maintenance North



Raymond Garcia
General Helper
Maintenance North



Eddy Nicolas
Electrician No.1
Maintenance North



Juan Padilla
Fin. Accountant
General Accounting



Judy Turk
Senior Clerk
General Accounting

Mix Fun With Caution When At The Beach

As summer gets underway, increasing numbers of people head for Gulf beaches. While there's no better place for fun and relaxation, there is a need for caution, not only in the matter of water safety but from certain inhospitable creatures.

The Portuguese man-o'-war is the main adversary swimmers and surfers should be on guard against. This jellyfish is composed of a beautiful blue float or bladder and a colony of minute animals. Long, transparent tentacles, extending several feet underwater from the bladder contain thousands of stinging cells called nematocysts. Anyone contacting them will suffer intense localized pain and fiery welts.

Protect hands with a glove or towel to remove any clinging tentacles. Severe stings need quick medical attention; they can result in stomach cramps, nausea, dizziness, pain in groin and lymph nodes, difficult breathing and serious allergic reactions. Lesser cases can be treated by splashing rubbing alcohol over the inflamed area, then applying an ice pack or rubbing meat tenderizer onto the skin.

People should avoid waters where the jellyfish are floating and children should be warned not to touch the pretty blue "balloons." Even when the animals are beached and die, the tentacles can be dangerous for a long time.

The diamond-shaped stingaree or sting ray is another beach hazard. It covers itself in sand or mud and is hard to detect even in clear water. Its weapon is a sharp barb at the base of its long, slender tail, which inflicts excruciating pain and immediate swelling of the affected area and lymph nodes. Usually injuries come from stepping on

the undetected ray, which when agitated thrashes its tail from side to side. Experienced wade fishermen slide their feet gently, then when pushed a sting ray usually will swim away.

Any puncture wound from this animal should be treated promptly by a doctor; barb material not removed can cause severe infection.

Another pest is the stinging jellyfish, smaller than the man-o'-war and without a float, but with long tentacles equipped with stinging cells. Its base is dome-shaped and it swims feebly just below the surface. Its sting causes a painful burning which subsides in an hour or so. The affected area should be cleaned and antiseptic applied.

Catfish spines can cause painful wounds and treatment should include a tetanus shot and antibiotics to prevent infection. These fish can be dangerous if discarded by fishermen on a beach.

Beachcombers browsing among driftwood and other debris should keep an eye out for scorpions, as well as snakes and spiders that could be poisonous. Poking with a stick rather than using bare hands is a wise precaution.

New Computer...

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The new computer system was installed by Westhollow research engineers Gary Barber, Greg Martin and Rick Schmotzer with the assistance of engineers Joe Wheeler and Orlo Shultz of Process Control-Electrical and Paul Gudgeon of Process Engineering and that of the Catalytic Cracking operations staff under the guidance of process manager Paul Bradford.

Although there are some dangers to watch out for on the coast, this should not discourage anyone from enjoying its outstanding recreational opportunities. It's just a good idea to be able to recognize the hazards and to know what to do in case of such encounters.

Employees Die

Two Distribution employees, Edward E. Parker and E. Paul White, were killed in an automobile accident on May 16.

Ed was an operating assistant with 29½ years of company service. At the time of his death, he was 58 years of age.

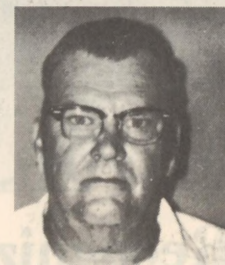
Funeral services were held May 18 at the Colonial Funeral Home in Pasadena with burial in the Holton Cemetery, Jasper, Texas.

He is survived by his wife, Arlene, who resides at 210 North Central in Pasadena.

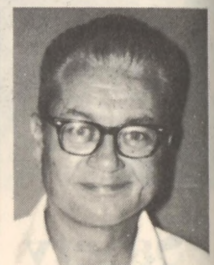
Paul was a shift foreman with 27 years of company service. At the time of his death, he was 52 years of age.

Funeral services were held May 18 at the South Park Funeral Home in Pearland with burial in South Memorial Park Cemetery.

He is survived by his wife, Wilma Jean, who resides in Friendswood.



Parker



White

Stop Smoking Seminar Set

The Medical Department is sponsoring a stop smoking seminar for employees during their off hours. The seminar will consist of three sessions and it is important for maximum effectiveness that the employee be able to attend all three sessions.

The three sessions will be held from 4:00 p.m. to 5:30 p.m. on June 6, 13 and 20 in the Medical Department classroom at the Main Dispensary. At least 12 participants are needed and up to 20 can participate in the seminar.

Diary Orders Taken

The 1980 Shell Desk Diary is being offered for sale directly from the publisher to employees, pensioners and others associated with Shell.

The desk diary is offered at a flat price of \$3.00 each and can be purchased by using the form enclosed in the upcoming Shell News 1979:3 issue, which should reach your home within the next two to three weeks.

Direct Deposit

Employees considering retirement or those who have already retired should consider the merits of the Direct Deposit program for social security and other income checks from the government.

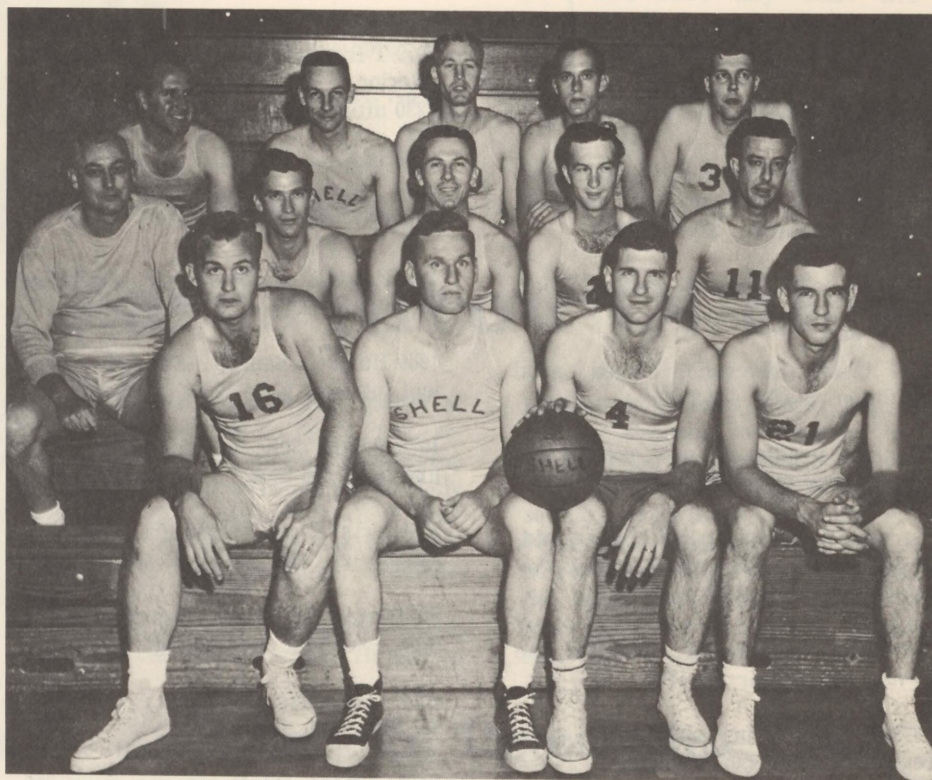
Under this plan, you simply notify your bank that you wish to enroll in the Direct Deposit program. From then on, your monthly government check will be electronically deposited into your bank account instead of being sent to your home through the mail.

Direct Deposit is safe. More than a million government checks are reported missing, stolen or lost each year. But there has never been a lost Direct Deposit.

CB Hazard

The Federal Communications Commission warns citizens' band radio operators that improper placement of transmitters may result in gasoline explosions. Transmitters installed in the trunk, or with bumper-mounted whip antennas, are too close to the gas tank and filler pipe.

Nor should operators transmit while the vehicle is being filled with gas. Sparks may ignite gasoline fumes.



20 Years Ago

This Is The Team That Was

Recognize any of your old basketball buddies? Co-workers? For those of you whose memory fails you, read on. Teammates include:

Front row, B. D. Mankin, Gas; B. L. Norville, Engineering Field; J. W. Sledge, Engineering Field; and L. W. Gray, Dispatching.

Middle row, M. C. Pitchford, Engi-

neering Field; D. L. Murphy, Engineering Field; E. F. Baudat, Refinery Laboratory; L. W. Wright, Engineering Field; and B. J. Strong, Lube.

Back row, O. L. Harris, Engineering Field; R. F. Tucker, Engineering Services; J. C. Nichols, Lube; B. C. Bowden, Engineering Field; and D. R. Wolf, Treasury.

Phil Springer Honored

Phil Springer, a junior at Deer Park High School, is congratulated by L. J. Hallmark, assistant manager, Employee Relations, at the 21st annual Industrial Honor Awards Banquet held May 3 at the Marriott Hotel near the Astrodome for all Deer Park High School honor students.

Phil, son of Fred Springer, engineering foreman, Maintenance North, was the only DPMC youth, who met the strict requirements for attending the honors banquet. The requirements for attending are making an "A" in each course for the first and second quarters.

The DPMC is one of 17 sponsoring industries of the annual Industrial Honor Awards Banquet.



Phil Springer is congratulated by L. J. Hallmark at the 21st annual Industrial Honor Awards Banquet. Phil is a junior at the Deer Park High School.

Classifieds

FOR SALE

100,000 BTU natural gas Mathes central heating unit, 10 years old, excellent working condition. \$30. 943-3223

1973 Coleman pop-up camp trailer, sleeps 6. \$700. 1-576-6177

1976 Chevy Silverado, loaded, good condition. \$4,000. 487-2996

King-size headboard, new, solid wood, heavy, very nice. \$300. 485-4873

At stud: AKC blue merle, 3 years old, Great Dane. \$125. AKC apricot toy poodle. \$125. 946-5382 or 695-0246

1976 Mavrick 6 cylinder, clean, air, one owner. 479-5265 or 472-1716

1973 Buick Century, all power, uses regular gas. \$1,550. 926-4063

1965 Ford Mustang Coupe, all original, 289-V8, air, auto, radials. \$650. 337-5205

1973 Ford Custom 500, power, air, radio, good condition. Best offer. 981-7793 or 776-3886

1966 4-door Chevrolet, good tires. \$350.
1978 Travel Trailer 20' Prowler, used 4 times, self-contained, full bath, outside awning, large L.P. tanks. \$5,000. 476-4828

Dark Mediterranean tables, very good condition. Cocktail table, 28x60x16. Hexagon and square end tables. 488-6241

1977 T-Bird, 18,000 miles, vinyl top and interior, P-W-S, Ziebart. 472-6368 or 486-2230 after 5 p.m.

1978 Pontiac Firebird, Formula package, low mileage, excellent condition. 475-2200

1972 Ford Galazy, P-S-B, air, good tires. \$1,000. 479-0251

1969 Buick LeSabre, P-S-B, air, excellent interior, good body. \$585. 473-3254

1978 Honda 750K, low mileage, extras, like new. 475-2200

VW parts: shock, spring, front fenders, torsion bar, brake drum. \$60. 664-9095

Seaking 9.2 hp outboard motor and gas tank, excellent condition. \$175. 944-1681

3'x3' dog house. \$20. Canvas cover for 15' boat. \$15. 488-7685

1970 Camaro, P-S-B, air, new tires, 350 4-barrel, runs good' needs body work. \$800. 477-7407 after 6 p.m.

WANTED

Unfurnished garage apt. or 1-2 bedroom house in Deer Park-Pasadena area to rent. 663-6520 or 669-8258

LOST

RX sunglasses on 5-15 on 4x12 shift. 479-8349

PERSONAL

I would like to thank all my friends at Shell for the party and gifts given me at my retirement - especially the scroll as it holds many memories.

- L. D. Levy

Rules For Submitting Ads

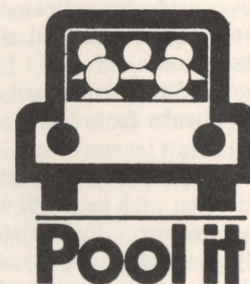
Readers are reminded of the rules for submitting ads for free publication in the **Shellegram**.

—Ads are published for complex employees, pensioners and families only. Advertiser must be owner and not agent or dealer.

—All ads must be submitted in writing stating item, advertiser's name and home telephone number. Forms are available at the receptionist's desk and the **Shellegram** office.

—Deadline for submitting ads is Monday.

—Mail ads to the **Shellegram** or bring them to room 151, Refinery Administration.



Shellegram

Deer Park Manufacturing Complex

Published weekly by Shell's Deer Park Manufacturing Complex for its employees and pensioners. All inquiries should be addressed to **Shellegram**, Shell Oil Company, P. O. 100, Deer Park, Texas 77536.

Dotti West - Editor