



Shellegram

Deer Park Manufacturing Complex

June, 1985

Vol. 50, No. 6

For dock operations

Safety suit will set standard

DPMC DOCKS personnel recently designed safety equipment that will set the standard for dock operations in the petrochemical industry.

The new equipment meets stringent safety standards which require dock operators to protect themselves against chemical exposure while handling hazardous products.

The newly designed air-cooled chemical suit and hood eliminates potential heat exhaustion caused by heavy protective clothing. The cooled air flow also prevents the face shield of the hood from fogging up and impairing vision, a formidable safety hazard for dock operators working near the edge of barges and walking along gangways.

Additionally, a safety hard hat was designed into the new hood since hard hats could not be worn with previous suits.

PROBLEMS with the previous suit were recognized by Docks management and a commitment made to solve the problems. A breathing air system with filtration units was installed in July, 1984. Air cooled vests were purchased, but did not cool enough, and did not correct the problem of fogged up face shields since cool air was not circulated to the hood.

With Docks shift team input, Harold Dishongh, Docks training coordinator, and Gary Buchanan of Industrial Hygiene met with suppliers to find a suit meeting the re-

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'Quality' process works

TEAM EFFORT and the Quality process were key ingredients used to solve a safety problem at the docks.

Docks management recognized problems with chemical protection suits used on the docks and made a commitment to correct the problems. Some intermediate steps were taken to eliminate potential heat exhaustion caused by the heavy clothing, as well as fogged face shields on the hoods.

However, Docks shift team input and use of a Quality problem solving form directed

the Docks to a complete resolution of the problem.

"Using a Quality Process Model, we identified needs and requirements necessary to get the output we wanted," said Harold Dishongh, Docks training coordinator.

"THE OUTPUT we wanted was a fully protective chemical suit which would be safe and comfortable for extended use," he added. "We had to consider inputs

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Safety record improving as complex hits 2 million hours

DPMC employees demonstrated continued safety improvement as the complex surpassed 2 million work hours without a lost time injury Saturday, May 11.

The latest safety achievement comes on the heels of safety recognition from the National Petroleum Refiners Association (NPRA). At its annual meeting in March, the NPRA commended DPMC for safety improvement during 1984. The last injury requiring an employee to miss a scheduled day of work occurred Dec. 26, 1984.

Complex Manager Bill Thompson con-

gratulated employees for day-to-day attention and dedication to good safety practices. He urged employees to redouble efforts to avoid all incidents, as well as lost time injuries.

DPMC's safety accomplishment also was noted in Head Office. Ray Lopez, General Manager of Refining and Marketing -Eastern Region, called DPMC's elimination of serious injuries "one key element of a successful safety program" and challenged employees to use the occasion

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FULLY PROTECTED...Keith Jasek, dock operator, disconnects a caustic hose from a barge. Jasek wears a newly designed chemical suit which protects against chemical exposure as well as cools the body. A breathing air hose seen behind his leg connects to a vest and circulates air to the body and face of the operator.

New safety suit to be used in Complex

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quirements. None were available.

Finally, Vallen, a supplier, agreed to work with Sta-Safe, a manufacturer, to develop a suit to meet the shift team design, which included a cool air ring in the hood to cool the head and prevent the face shield from fogging.

ON MAY 1 the new suit was tested for 45 minutes in 87 degree temperature by

Docks operator Angelo "Buzz" Martinez while disconnecting a Crude Epichlorohydrin barge. Others on the shift tried on the suit. Comments were positive. It cooled much better and the face shield did not fog.

A second test, this time for one hour on a Phenol barge by Docks operator Tracy "Spanky" Barnhill, proved similar results. "I'll never connect or disconnect another hazardous chemical without wearing it," he said.

The Docks had secured a suit which met the requirements.

Buchanan said plans are being made to implement the suit Complex-wide.

"Within Shell there is a high interest to see the results," he added. "In fact, a number of companies in the industry are interested. Some have tested the design and at least one company has ordered the new chemical suits."

DPMC Docks may have set the industry standard already.

Cash prizes, tributes mark Credit Union meet

Cash prizes, special tributes and state of the business addresses entertained more than 900 members attending the Credit Union's 48th annual meeting May 3.

Special tribute was paid to the late Clarence Welch, a longtime active board member, who died April 7. Board member Johnny Garrison presented a plaque to Welch's widow, Helen, recognizing Welch's 31 years on the board.

Deer Park's State Representative, and Shell retiree, Ed Watson presented Helen with a State proclamation honoring her late husband.

The board also honored R. A. McCafferty for his long-term service on the board. Mc-

Cafferty retired from the board this year.

Credit union members heard upbeat President's and Treasurer's reports. Each cited improvements in facilities and programs at the credit union during 1984, such as the new Automated Teller Unit and two additional drive up windows, as indications of the progressive and strong position of the credit union.

New board members were officially elected during the meeting. Credit Union Manager Jesse Campbell was re-elected as board member and treasurer. Garrison was also re-elected to the board. T. C. Garmany was voted on the board for the first time.

The new members join returning

members Vic Ashe, president; L. G. Stansel, vice president; J. H. Connolly, secretary; John Kindla, and W. L. White.

In addition to \$2400 in cash door prizes, flashlights, measuring tapes and other gifts were given to adult members attending. Each child under 16 years received two silver dollars; \$378 in silver dollars were distributed.

Vivian Tucker again was the oldest member to attend the meeting. The 85-year-old Shell retiree received a \$50 cash prize. Also receiving a \$50 cash prize was Tamara Shippy, five-week-old daughter of S. L. Shippy, Operations. Tamara was the youngest member attending.



YOUNGEST MEMBER...S. L. Shippy reaches for identification showing his five-week-old daughter is the youngest credit union member attending the annual meeting. She received a \$50 cash prize.



OLDEST MEMBER...Vivian Tucker picks up a \$50 cash prize as the oldest credit union member to attend the annual meeting.

Win 51 ribbons

Retirees place in Senior Olympics

SHELL RETIREES and spouses hauled in 51 first or second place ribbons to dominate the Senior Citizens' Olympics for the second consecutive year.

A contingent of 29 Shell retirees and spouses entered the four-day competition. They represented OCAW Local 4-367 Retirees Club and Deer Park Senior Citizens Club in competition against some 400 other seniors from the Deer Park/Pasadena area.

The games, sponsored by Harris County Commissioner Jim Fonteno and Pasadena Mayor Johnny Isbell, featured bowling, dominoes, basketball, golf, softball, dancing, crafts, arts, talent contests, and more.

Henry Hallonquist led all Shell participants winning six ribbons, three first and three second places. Competing in the 55-64 year old division, Hallonquist won swimming, walking marathon and waltz dance events. He finished second in the basketball toss, walking relay and softball.

IN THE WOMEN'S DIVISION, Gloria Kennerty and Brenda Hallonquist each won four ribbons. Kennerty won first place ribbons for softball and walking marathon. She had second place finishes in bowling and a cotton ball relay which saw team members carry and exchange cotton balls on plastic spoons.

Hallonquist joined her husband Henry for a first place in the waltz contest and picked up second place ribbons in the basketball toss, walking relay and softball.

Joe Kennerty and Homer Warren each picked up four ribbons during the Olympics. Kennerty took first in golf and softball, and second in walking relay and Charleston dance contest. Warren took first in swimming and Frisbee toss and second in cotton ball relay and softball.

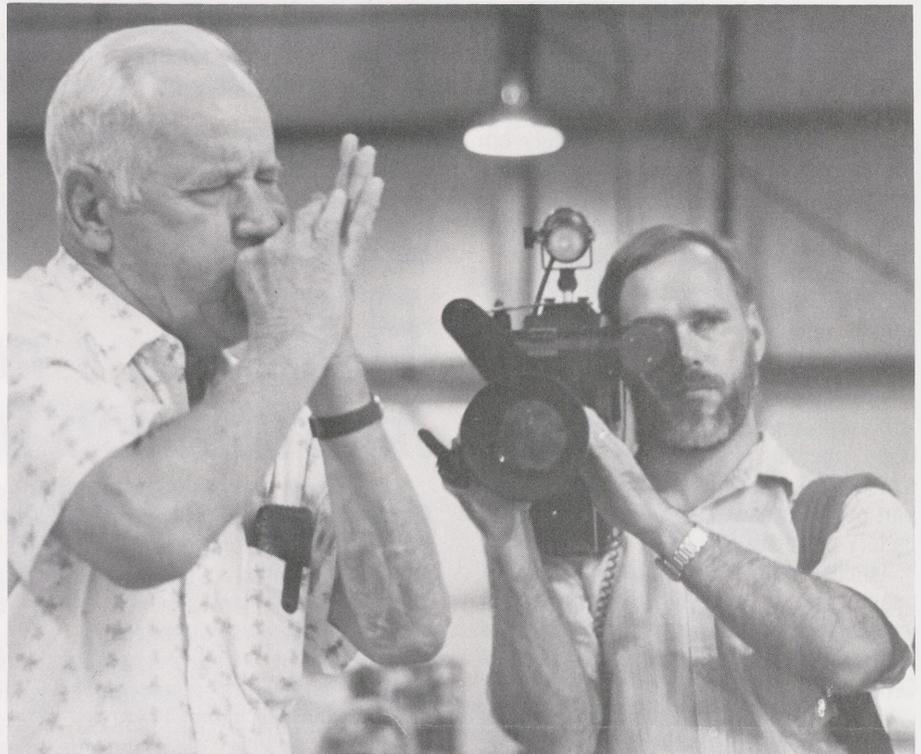
Warren was also awarded a special prize during award ceremonies. He was recognized for offering the most friendly criticism and complaints during the competition.

FOR THE SECOND CONSECUTIVE YEAR, Clarence Pertl won the top award in the crafts show for a hand-carved violin.

In addition to the retirees' participation, Shell Deer Park also assisted the Commissioner and Mayor's offices in staging the Senior Olympics. Employees John Henderson, Berta Hokanson, Smokey Mather, Maxine Wallace, and recent retiree Louise Meier, helped run or judge events.

Hokanson also joined retiree club

members Herschel Graham, Brenda Wolters on the planning committee for the Senior Olympics. Hallonquist, Ed Harris and Clarence



UP CLOSE... Shell retiree C. D. Fisher plays a harmonica during the talent contest at the Senior Olympics. A cameraman from Houston's Channel 2 films a close up of Fisher for a feature on the Senior Olympics.



FIGURING SCORES... Judges for the arts and crafts contest at the Senior Olympics tally scores. From left are Wana Bauer Crouch, Susie Carmichael, Shell employees Maxine Wallace and Berta Hokanson, Shell retiree Louise Meier, and Ingrid Norris.

Secure homes from hurricane season dangers

AS EMPLOYEES GO ABOUT securing units from dangers of the pending hurricane season, Safety urges employees to do the same with their homes.

In a recent safety bulletin, Safety encouraged employees to determine if their home is safe from flooding and wind damage, and make arrangements now to relocate to safer areas if necessary.

Evacuation routes can be planned in advance and should allow for congested traffic.

HURRICANE SUPPLIES should be checked and replenished. Non-perishable food, water, candles, flashlights, batteries and material for covering windows should be part of a hurricane kit anchored by a good battery powered radio.

Families should be trained to initiate hurricane plans in the event the employee is involved in securing or shutting down a unit, or road conditions prevent leaving the Complex.

When a hurricane warning is issued (meaning it is expected the area will feel dangerous effects of the hurricane), anchor objects outside, protect windows, and fill automobile gasoline tanks.

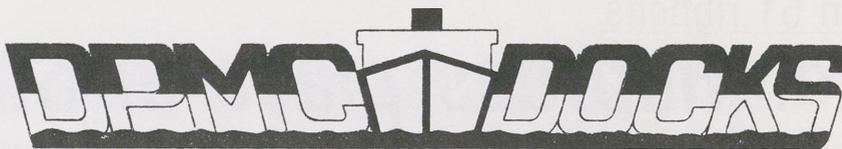
DURING THE STORM, stay inside the house, away from windows. Remember, hurricanes may spawn tornadoes. Don't be fooled by the eye of the storm, which for a brief period will bring calm weather followed by potentially more violent weather.

FOLLOWING THE STORM, beware of conditions outside. Listen to reports by city officials on drinking water quality, roads, electrical hazards. When venturing outside, be aware of a new world of physical hazards from glass, nails, fallen electrical wires, fallen trees, and even snakes.

DPMC again has made arrangements with several local radio stations to carry employee-related information during hurricanes. Information will be broadcast over the following stations:

KIKK-AM 650 AM
KIKK-FM 95.7 FM
KPRC-AM 950 AM
KTRH-AM 740 AM

Employees should not call radio stations for work information. If no announcement is made, employees should assume work schedules are not affected.



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necessary to get that output. Those inputs are training and knowledge, procedures, performance standards and equipment and facilities.

"We reviewed and redefined procedures, standards and training," Dishongh said. "Shift team members acknowledged that properly protecting themselves was a safety requirement and

agreed that 100 percent compliance could be attained by wearing a suit when handling hazardous products.

Shift teams also identified equipment and facilities necessary to get the final product. Although some were in place, they needed more. A search began for the right equipment and ended with the unique Docks shift team design being developed and manufactured as a new standard of safety protection in the industry.

Shell opens new biology labs for research in California

Two new advanced technology laboratories were officially opened at Shell Development Company's Biological Sciences Research Center in Modesto. They are the Plant Sciences and the Molecular Biology laboratories.

These labs mark dramatic new directions for Shell agricultural research. The Plant Sciences lab will permit the study of factors that regulate plant growth. The Molecular Biology lab will provide for agricultural biotechnology studies involving genetic engineering. Both new areas

hold much promise for achieving significant improvements in the development of more vigorous, higher yielding crops.

The work in the genetic engineering area will also complement DNA research on interferon presently under way by Triton Biosciences, a Shell subsidiary. Triton currently is conducting hospital trials with interferon for control of various forms of human cancer.

The project represents Shell's largest expansion in biological research facilities and staff since the 1970's.



PRESIDING... Newly elected officers of the OCAW Local 4-367 Retirees Club preside over a recent monthly meeting. From left are Eloise Caulfield, secretary-treasurer; Ed Harris, vice-president; and Herschel Graham, president.

A company viewpoint:

Shell supports OCS leasing

THE U. S. took a crucial step toward energy independence in 1982 by implementing areawide leasing in the outer continental shelf (OCS), estimated to contain as much as one-half of the nation's undiscovered oil and gas reserves.

Unfortunately, that five-year program faces threats from two directions: Congress and the administration.

There are those in Congress who wish to amend the Coastal Zone Management Act (CZMA), in a way that could give coastal states virtual veto power over the OCS leasing program.

CONGRESS also could add to the OCS areas

it has banned from leasing. Currently, there is a "one-year" leasing moratorium in several areas off California and New England that has been repeated for four consecutive years.

And, from the administration, Interior Secretary Donald Hodel recently issued the first draft of a new five-year program that reduces the pace of leasing activities and seriously alters the areawide concept.

Approximately one-third of this country's oil supplies now come from foreign sources, the same percentage as during the 1973 crisis. Furthermore, oil imports have started to increase again.

THE NATION is vulnerable to the continuing danger of a cutoff of Middle East supplies, and that vulnerability is increasing. Each year, the U. S. is using more crude oil and natural gas than it finds.

One critical element in reducing dependence on foreign sources is access to the undiscovered reserves that lie offshore.

SHELL STRONGLY BELIEVES this nation's energy security and economic growth would best be served by proceeding with federal OCS leasing programs unhindered by unreasonable constraints.

SOI high bidder on Gulf blocks

SHELL OFFSHORE INC. (SOI) was high bidder on 86 of 108 blocks on which it bid in a Federal outer continental shelf lease sale.

The sale, held in New Orleans May 22, covers much of the Central Gulf of Mexico offshore Louisiana. It is the third areawide sale in this section of the Gulf.

SOI, bidding alone and with partners, submitted bids totalling \$233,319,000. SOI was high bidder on 79 blocks bidding alone and seven blocks with partners. High bids by SOI and partners on the 86 blocks totalled \$207,973,000. SOI's share was \$201,930,734.

SOI partners were Apache Corporation and TXP Operating Company, et al.

THE HIGH BIDS were on blocks which lie in water depths from about 40 feet up to nearly 7,500 feet.

A total of 74 companies submitted 644 bids totalling \$1,566,926,725 on 444 blocks. The total high bids on the 44 blocks were \$1,147,434,447.

"The significant presence of Shell Offshore Inc. [in the lease sale] points out our continuing commitment to what we believe is still a prolific oil province offshore Louisiana," said B. S. Flowers, SOI's president. "We are looking forward to further work in the deep-water areas where we are certain the industry has capability to explore for and produce oil and gas."

Motor oil, gasoline users express greater brand appreciation recently

Motor oil and gasoline brand appreciation has grown in the past three years, according to the Roper Report.

The opinion research firm has been tracking users of various products who acknowledge that brands are different or better and feel certain brands are worth their higher price.

In 1984, 45 percent said certain motor oil brands were worth paying more, up from 38 percent who felt that way in 1981. As for gasoline, 34 percent said some brands

merited a higher price, compared to 24 percent who expressed that belief in 1981.

By way of comparison with other products the 1984 survey found 46 percent feel some brands of canned soup are worth paying more; laundry detergent, 44 percent; beer, 35 percent; and regular instant coffee, 29 percent.

Not included in the survey are the two of 10 who feel that brands are different or better but not worth their higher price.

Classified FOR SALE

BUICK LeSABRE, loaded, trailer hitch. 332-4848 or 472-2230 after 4 p.m.

82 FORD F-250 PICKUP, supercab, custom shell, automatic, 42,000 mi., \$7,000. **80 DATSUN 280ZX**, 2-seater, 2-tone blue, 56,000 mi., \$6,400. **77 CADILLAC COUPE DE VILLE**, power, extras, 94,000 mi., \$2,800. **79 MUSTANG**, anniversary edition, moon roof, Ricaro seats, 83,000 mi., \$2,800. 1-532-1504

79 PONTIAC GRAND PRIX L. J., loaded, one owner, \$3,195. 998-0840

78 DODGE VAN, loaded, 318V8, auto, air, P/S, P/B cruise, refrigerator, AM/FM stereo, CB, sun roof. \$4,600. 471-5486

72 HONDA CL 350, 8,000 mi., fairing type windshield. 476-0857

4-2-2 BRICK HOME, corner lot, Glenbrook Valley, will finance with \$15,000 down, \$79,900. 645-2297

MOBILE HOME, 12 x 52, central air & heat, recently remodeled, on lot in Conroe, under \$5,000. 862-2831

84 COSITA CAMPER TRAILER, self-contained, AC, light weight, \$6,000. 862-2831

SLEEPER SOFA, queen size, & love seat, excellent condition, \$450. Bedroom suite, queen headboard, dresser and armoire, \$400. 280-9295, after 6 p.m.

BOYS BEDROOM FURNITURE, twin size captain's bed, chest, kneehole desk with bookshelf, night stand and stereo cabinet, \$350. 631-1618

BALDWIN SPINET THEATER ORGAN, 2 channel, solid state, auto. rythym fathom fingers, reverb. 487-0334

WAGNER PIANO, upright, excellent for student, bench included, \$350. **YAMAHA CORONET**, w/case, music stand and mute, \$195. 452-0768

WAGNER-POWER TWIN PAINT SPRAYER & ROLLER, used one hour, \$200. 476-9320

APPLE IIE COMPUTER, 2 disks, Imagewriter, Software, \$1,700 or offer. 493-8869

FOR RENT

3-2-1 HOUSE, Pinetrails Subdivision, fireplace, Northshore Schools, rent \$500 mo., \$300 security deposit, 458-6294 after 5:30 or 457-3732

FREE

KITTENS, gray. 457-3732

NPRA safety flag now flying

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to learn from success.

"Look around to identify and eliminate unsafe conditions and actions, and look forward to greater achievements as you apply your individual skills and resources to reach overall quality in your safety performance," Lopez said in a telegram to employees.

DPMC employees hear explanation of HMO programs

Three Health Maintenance Organizations (HMO), available to Deer Park employees as alternatives to traditional health care, participated in forums at DPMC to explain benefits of joining HMO's.

The informational meetings featured representatives of PruCare, CIGNA and Sanus Texas highlighting advantages of their respective programs, as well as explaining benefits of the alternative health plan concept.

Nearly 400 employees attended 12 sessions staged during two days in May and one day in June.

The June date was scheduled by Employee Relations in response to growing employee interest. "The number of participants almost doubled on the second day and interest seemed to be building, so we put together a third day of sessions," said Willa Evans, Employee Relations, who coordinated the health care meetings.

Evans said employees were pleased with the opportunity to direct questions to company representatives. "Employees have a wide choice with the three HMO's available. Even though information was sent to homes, some questions were not answered or needed to be clarified. These meetings were a convenient forum to do that," she added.

The meetings were scheduled in advance of a June 7 deadline for open enrollment. Even after the open enrollment period, employees may apply for coverage with any of the four available Shell health plans. However, employees then must submit a statement of health.

Questions about alternative health plans still can be answered. Employees should contact their ER representative, or the HMO's directly, for answers.



WITH FLYING COLORS... Van Little and Wes Neal of Safety raise a NPRA safety flag presented to the complex for improved safety performance. The gold award, which flies over the chemical plant gate, was issued for reducing recordable incidents in 1984. A similar flag flies over the refinery gate. It was presented to DPMC as one of 34 NPRA-member facilities to record an incidence rate of 2.0 or less for 1984. DPMC's incident rate was 1.81. The rate is based on number of recordable incidents per 200,000 hours worked. Generally, a recordable incident is an injury requiring care beyond first aid.

DPMC Retirements & Anniversaries



BILL BRIEDE
Retired



RED DANIELS
Retired



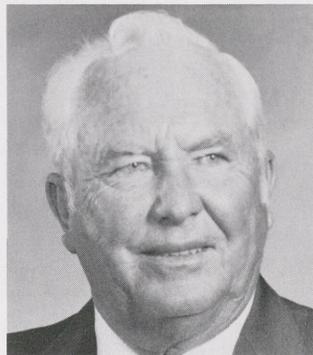
J. M. McANALLY
Retired



J. D. PAYTON
Retired



J. L. RIDDLE
Retired



B. R. STEFKA
Retired



E. H. WALLEY
35 Years



W. C. UBERNOSKY
30 Years



D. E. FLOWER
25 Years

Thank you's written; roast set

Thanks for the wonderful retirement party, gifts and beautiful scroll. I cherish the wonderful friendships.

WALTER & RUBY SHAW

Thank you for the party and gifts on my retirement. I cherish the years that I had working with you.

WILLIS MIDDLETON

Thanks to DPMC retirees and coworkers for the retirement gifts and party, and for the wonderful friendship through the years.

J. T. & ANN JORDY

My sincere thanks for a beautiful, fun-time retirement party. The gifts were super.

H. M. HANCOCK

My family and I thank everyone for the retirement

party. The gifts were wonderful. Special thanks to the Committee and others who helped. Everybody made "A."

RED DANIELS AND FAMILY

Melvin Schultz, Tom Davis and Jack Reynolds express their appreciation to the Alkylation Department and all the folks who attended their recent retirement party. Thanks for the good time and the great memories.

MELVIN, TOM & JACK

Thank you for the party and gifts at my retirement. I especially appreciate your kind remarks and the remembrances of the 30 years we worked together. See you at the 10-and-over parties.

LOUISE MEIER

Thanks for the nice retirement party, gifts, and expressions of good wishes for my retirement.

DAVE DAIVSON

Judy, Joey and Jerrad Mills, and family of deceased employee Charles E. Mills, thank all friends and coworkers who expressed their thoughtfulness with flowers, cards, visits, and helpfulness. Everyone was so kind and caring. It's appreciated very much.

JUDY MILLS

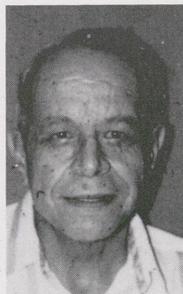
BILLY PAYNE and **BITTY WHITE** will be "roasted" by friends and co-workers June 26 at 2 p.m. in the refinery cafeteria. There also will be a barbecue dinner. For information or to make reservations contact Pat Jacobs, 6103.

Deaths of five employees reported

We regret to report the recent deaths of the following employees: Charles E. Mills, Pressure Equipment, March 8; George Hatfield, Maintenance, March 22; D. Roy Etie, Utilities, April 1; Clarence H. Welch, Quality Assurance, April 7; E. C. Boswell, Maintenance, April 30.



C. E. MILLS



GEORGE HATFIELD



D. R. ETIE

435 employees donate

'Buddy' campaign brings in blood

A new twist to a routine reminder uncoiled a "bring-a-buddy" publicity blitz partly responsible for 200 last minute appointments or walk-in donors during the Spring Blood Drive.

The bring-a-buddy campaign was spearheaded by Margaret Holiday and Willa Evans of Employee Relations in response to an unusually low number of scheduled appointments. Fearing a low turnout for the blood drive, Holiday and Evans used traditional phone reminders to personally solicit additional blood donors.

"Each day as we called to remind employees of appointments, we asked people answering phones to donate and encouraged employees with appointments to bring along anyone who hadn't already given," said Holiday.

The effort is credited with producing results. Prior to the two-week blood drive in early May, 145 employees scheduled appointments. During the drive 435 employees actually donated blood, a 70-person increase over last year's Spring drive.

All employees benefit from increased blood donations, and the efforts of Holiday and Evans. If 25 percent of Shell's Houston employees donate, all employees and their families are included in the blood program.

Under terms of the blood program, donors receive credit on hospital bills for processing and recruitment fees for blood units they and their families use during the year. Non-donors receive credit on the recruitment fee, but must pay the higher processing fee.

Presently, Shell employees are covered

under the plan as a result of 1984 blood drives. The Spring blood drive will be coupled with a drive in the Fall to deter-

mine Shell employees' eligibility for 1986, said Ann Batatis, Employee Relations' blood drive coordinator.



GIVE AND TAKE... Joe Nickleberry, left, of the Blood Center, begins to draw blood from Mark Simmons, Maintenance. At right, the Blood Center's Lexie Johnson talks with Raul Garza, Quality Assurance, while blood is taken from his arm. Garza and Simmons are two of 345 DPMC employees who donated blood during the Spring Blood Drive, May 6-16.

Names in the news...

LEE KUNKEL, Financial, and KIM WESTBROOK, Services, of the Shell Deer Park Toastmasters Club judged the Ten Pillars Speech Contest. The contest featured high school students exhorting virtues of the American free enterprise system in competition for more than \$4,000 in scholarships.

RICHARD ROSE and JIM SMITH of Financial shot a six under par to win the 1985 National Association of Accountants - Houston Chapter golf tourney. A scrambled-format was used to score the Spring match, held on the Woodlands North championship course May 3.

Shellegram

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Dennis Winkler
Editor

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