

## Complex Has Growing Industrial Hygiene Program

The DPMC is the company's largest chemical manufacturing location, and it has a growing industrial hygiene program. This program is designed to minimize employee exposure to potentially harmful materials through equipment design, use of protective equipment and employee awareness of those materials which may be harmful if not properly handled.

This awareness and the increasing knowledge and concern about exposure to chemicals has resulted in several new programs which help make the complex a safe place to work. These new programs come under the heading of "Industrial Hygiene," and require the full time services of a certified industrial hygienist and five other employees as well as the part time efforts of many others.

The complex's industrial hygienist is Jerry Ransdell. He came here in January, 1975, having previous experience with the National Institute of Occupational Safety and Health (NIOSH). Since his arrival at Deer Park, Jerry has been certified in the practice of industrial hygiene by the American Board of Industrial Hygiene.

Prior to Jerry's arrival, industrial hygiene activity was conducted by the complex's safety departments under the guidance of corporate industrial hygienists.

Jerry was the first member of a growing industrial hygiene staff here at Deer Park. Since his arrival, the complex has implemented a comprehensive program which includes regular sampling surveys for specific chemicals, problem solving and extensive record keeping activity.

Some 24 chemicals have been included in the complex's monitoring plan. Survey programs are already underway for 16 of these chemicals in approximately 40 areas. Programs for the remaining eight chemicals will be underway before the end of next year.

One of the monitoring efforts, that for VCM, is required by the Occupational Safety and Health Administration (OSHA). The rest of the programs have been implemented by Shell to help

insure a safe work place.

To carry out its increasing activity, the industrial hygiene effort has grown to include safety representative Dave Davison, chemist Bob Eveld and laboratory personnel including, Carl Russell, Mack Spears, Benny Matusek, Bill Robinson and record keeper Glenda Ivey.

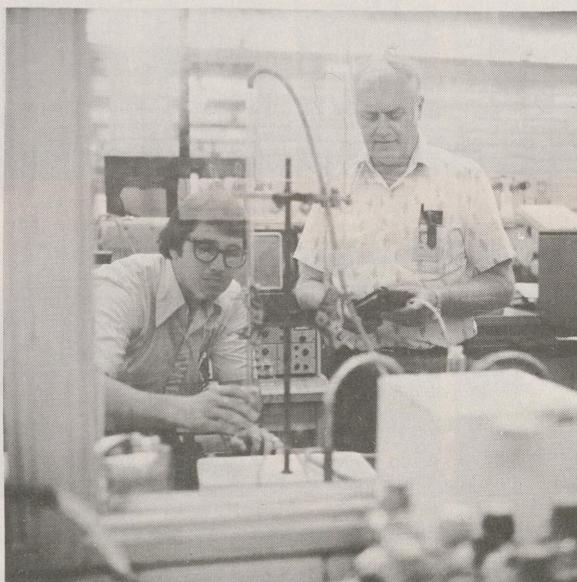
Dave works with the operating departments on industrial hygiene matters. He serves as a consultant on any problem or potential problems the

departments might encounter, provides technical support to them and keeps abreast of their needs for industrial hygiene programs.

The lab technicians conduct the day-to-day activity involved in the various testing programs. They maintain and supervise the use of the testing equipment, conduct the surveys, issue reports and keep records of the testing.

Surveys conducted by the industrial hygiene staff generally measure indivi-

(Continued On Page 2)



Industrial hygienist Jerry Ransdell (left) performs a calibration of personal sampling equipment for industrial hygiene monitoring in preparation for sampling of benzene, while chemist Bob Eveld looks on.

## Community Officials and Environmental Representatives Given Tour of Complex

The DPMC hosted groups of local community officials and environmental agency representatives in special programs last week.

On Thursday, R. Gary Dillard, general manager - DPMC, made a presentation to community leaders on the status of Shell's expansion activity which was followed by a bus tour of various construction sites. Dillard said the program was part of the complex's continuing community relations program.

Then on Friday, visiting environmental officials participated in an open

house of the complex's new effluent treatment facilities. Their program included a walking tour of the new refinery effluent treatment system and a bus tour of other facilities.

Bob Mattern, superintendent Environmental Conservation, said that many of the environmental officials were directly involved in developing permits for the DPMC's effluent treatment facilities. He added that Shell wanted the guests to get a first-hand look at the results of its program which enabled the DPMC to meet the July 1 water quality standards.

# Complex Has Growing Industrial Hygiene Program

(Continued From Page 1)

dual exposure to the chemical in question by equipping employees with a personal monitoring device which is worn while the person conducts their duties. The monitoring device consists of a small pump which constantly sends air from near the employee's breathing zone to a collection device.

The tests vary in length from an

eight-hour workday to short term tests of 15 minutes which provide a measure of maximum exposure encountered during a workday. After the monitoring period, the collection devices, which are usually either a charcoal tube or an air collection bag, are analyzed in laboratories either at the DPMC or at Shell's Westhollow Research Center. These analyses reveal the exact chemi-

cal exposure which the employee has experienced down to parts per million of chemicals in the air.

The frequency of monitoring in an area varies. Some tests are conducted monthly or quarterly. A report on the results of each survey is submitted to the employee's department. These reports are posted in the work area so employees know the results. If the report reveals a problem, the departmental personnel take action to find the cause and develop a solution.

In addition to the monitoring programs conducted by the industrial hygiene staff, periodic surveys are conducted by the safety inspectors in various parts of the complex. Inspectors use special detection tubes which measure the exposure level to certain chemicals. Results of these tests are provided to the operating departments and the industrial hygiene group.

But, monitoring for chemical exposure, reducing it and keeping extensive records is only part of a larger, overall effort aimed at protecting employees from chemical exposure. The industrial hygiene staff keeps an open line of communication with NIOSH and other research agencies that are investigating numerous chemicals. The complex has worked with various governmental agencies as well as sponsoring its own research programs to learn more about the long term effects of certain chemicals.

John Rivard, manager of Safety and Industrial Hygiene, summarized the industrial hygiene program by saying, "Our objective is to improve the safety of Deer Park employees by monitoring exposure levels to hazardous materials and assisting in correction of problem areas when they are discovered. Along the way, we have improved industrial hygiene training for new employees and provided monthly bulletins about hazardous materials to all employees.

"While most Shell employees recognize that this is a very safe place to work in comparison to many other industries," added Rivard, "we can improve our safety even more by a better understanding and control of work place chemical exposure. In a nutshell, that is what industrial hygiene is all about."

## Welcome To The Complex



Ron Fulton  
Painter No. 1  
Maintenance North



Curtis Gandy  
General Helper  
Maintenance South



David Garner  
Machinist D  
Maintenance North



Dave Gilbert  
Tinner No. 1  
Maintenance North



Carlos Gonzales  
General Helper  
Maintenance North



Bill Goode, Jr.  
Boilermaker D  
Maintenance South



Colleen Gordy  
Typist  
General Services



Annetta Grevenberg  
Clerk  
General Services



Cliff Hall  
Electrician No. 1  
Maintenance North



Bruce Hamm  
Pipefitter No. 1  
Maintenance South



Tom Henderson  
Machinist D  
Maintenance North



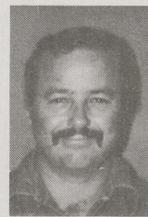
Bill Hicks  
Sr. Photo Technicia  
General Services



Dan Hilbun  
Instrumentman No. 1  
Maintenance North



Rosie Hinojosa  
Jr. Clerk  
General Services



Dean Hopkins  
Welder No. 1  
Maintenance North



Chuck Kepper  
Boilermaker D  
Maintenance South



Samuel Knight  
General Helper  
Maintenance South



Bill Logan  
General Helper  
Maintenance South



Ken Love  
Heavy Equip. Op. No. 1  
Maintenance North



Phil Lynch  
Gateman  
Security



John Mason  
Process Manager  
Distribution



Tom McCulley  
Boilermaker D  
Maintenance South



Dolores Miller  
General Helper  
Maintenance South



Walt Mitchell  
Analyst  
Purchasing



Don Pehl  
Machinist D  
Maintenance North



John Predd,  
Boilermaker D  
Maintenance South



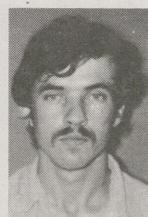
Joseph Ramos, Jr.  
General Helper  
Maintenance South



Rusty Reed  
Machinist D  
Maintenance North



Ken Reynolds  
Machinist D  
Maintenance North



Larry Rogers  
Machinist D  
Maintenance North

**Deadline**

**for**

**classifieds is Monday**

## DPMC Employees Make The News

The front page of a recent *Deer Park Progress* featured The Voice. The Voice is a group of area ladies dedicated to passing the "message" to Deer Park Chamber of Commerce members. The message may be about an upcoming meeting, special occasions or any information the Chamber feels needs to be gotten out to its membership in a hurry. Each Voice calls 10 members to give out the message.

The group boasts several Shell-related ladies including: Administration secretaries **Maxine Wallace** and **Peggy Shelburne**; former Purchasing employee **Barbara Mayes**, who chairs the 23-member group; and **Iris Bond**, wife of **Paul Bond**, Safety-Chemical.

Texas Representative **Ed Watson** was awarded a certificate of appreciation at a recent convention of the Texas Consumers Association in recognition of 10 years of service dedicated to working on consumer issues.

During the 64th Legislature, Rep. Watson chaired the Committee for Utility Regulation which spearheaded the drive that led to the enactment of the Texas Utility Regulatory Act. At Shell Ed is a No. 1 operator in Lubricating Oils.

The Texas Fireman's News reported on Security supervisor **Jesse Burn**'s excellent performance at the recent Industrial Fire Protection School banquet. Jesse not only acted as master of ceremonies but he presented two prestigious awards: one to the outstanding vendor and one to the outstanding instructor.

A record of 1,797 individuals from throughout the world attended the fire school for an increase of 165.

Square dancing is better than jogging and great therapy according to Longhorn director **Colleen Rivers**, wife of Environmental's **Chuck Rivers**, in a recent front page article of a local newspaper.

Colleen along with **LaMoille Miller**,

## SCORA News

SCORA still has a few tickets left for the Cowboy-Redskin trip on October 16. Prices include bus transportation, ticket and refreshments on the bus. Lunch may be purchased at the game or brought. For more information, call **Reba Lee Hickman** on 6757 or **Tony Pye** on 7294. Cost is \$25 per member, \$30 per guest.

wife of **Gene Miller**, Maintenance-North, and another Longhorn dancer were pictured going through their paces.

The Rivers and the Millers aren't the only Longhorn enthusiasts at the complex. Others include: **M. A. Wood**, Maintenance-North, and wife, **Betty**; **M. E. "Dave" Davi son**, Industrial Hygiene, and wife, **Jerry**; **Ovie L. Kennedy**, Utilities-Chemical, and wife, **Alene**; **Norman Hartman**, Maintenance-South, and wife, **Joan**; **J. D. "Dave" Lindsay**, Maintenance-South, and wife, **Wekkie**; and **Wally Landeck**,

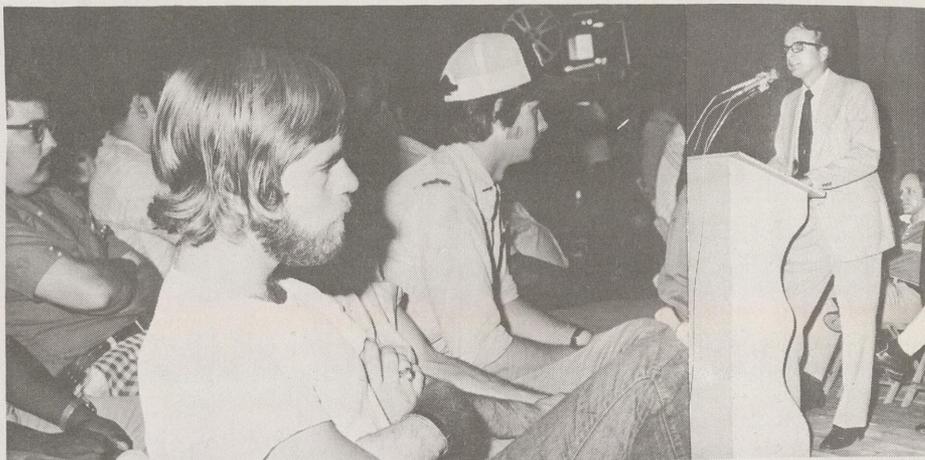
Field Construction-East, and wife, **Virginia**.

In its formative years, **Floyd Reitz**, Safety-Chemical, served as the Longhorn president. And before leaving the chemical plant, "**Pinky**" **Martin** was a Longhorn do-si-doser.

Square dancing is so popular in the Houston area that you could dance every night of the week, according to 30-year veteran caller **Red Porter**.

The Longhorns meet every Wednesday night at the Pasadena Neighborhood Center on Fairmont Blvd. from 8-10:30 p.m. New comers are always welcome.

## United Way Campaign Update



Maintenance North employees listen intently as general manager **Gary Dillard** encourages them to give generously to the United Way.

Other speakers at the kick-off meetings held September 19 were: **Felix Fraga** of United Way; **Jack Douglass**, chairman of the Workman's Committee for the refinery; **Harley Williams**, chairman of the Workman's Committee for chemical; and **Ed Watson**, vice-president of Local 4-387.

United Way contributions as of Tuesday morning show \$125,600 has been collected for the complex. Broken down, \$31,900 was given by 81 percent of complex employees; \$40,900 by 89 percent chemical employees and \$52,800 by 87 percent refinery employees.



Having completed the erection of the refinery United Way sign, carpenters **Dan Pitts** (kneeling) and **Tim Lively** take a break; while on the right, **C. G. James** drives in the final stake on the chemical sign.

# Classifieds

## FOR SALE

5 hp air-cooled Sea King outboard motor with 2½ gallon fuel tank, excellent condition. \$100. 472-0901

1970 Pontiac GTO, good motor, new timing chain and accessories, one owner. Best offer. 721-2788 after 5 p.m.

Original bench seat for Dodge van, like new, brown and beige. 772-3561

AKC registered Weimargner, 4 years old, grey male. 473-4678

1973 Nova custom sport coupe, mag wheels, sun roof, custom paint, raised rear end, new tires, mint condition inside and out, all accessories. \$2,400. 474-3370

Baby furniture, carriage, stroller, hi-chair, roller, bassinet, desk, all in one. 473-3709

1961 Chevrolet Bellaire, 4-door, auto, good tires, runs good. \$350. 686-1212

1975 Pontiac Firebird Esprit 350, V-8, auto, air, Pioneer AM-FM in-dash cassette stereo, headphone jacks, CB receiver, 51,000 miles, Goodyear tires with 14,000 miles. \$3,950. 946-9144

50' x 155' lot in Houston east end, all utilities, paved streets, some restrictions. \$5,700. 946-4759 or 475-0024

16' Kingfish bass boat and 50 hp Mercury, 2 live baitwells, trolling motor, swivel seats, lights, marine batter, 12 gallon tank, more accessories, Little Dude tilt trailer, \$1,000. 476-5935 or 479-2915

Browning 12 gauge auto shot gun, vent rib, two barrels, 1-28" improved cylinder, 3 years old, mint condition. \$425. 339-1145 after 5 p.m.

16' Glaston Challenger with 140 hp Mercury motor and trailer. \$2,100. 479-4745

Used corrugated iron, 27" x 8' and 27" x 10', ideal for barn. \$150 sheet. 471-2961

Washing machine, excellent condition. \$85. 644-0133

1969 Ford stationwagon, air, auto, good body and paint, everything works. 334-1215

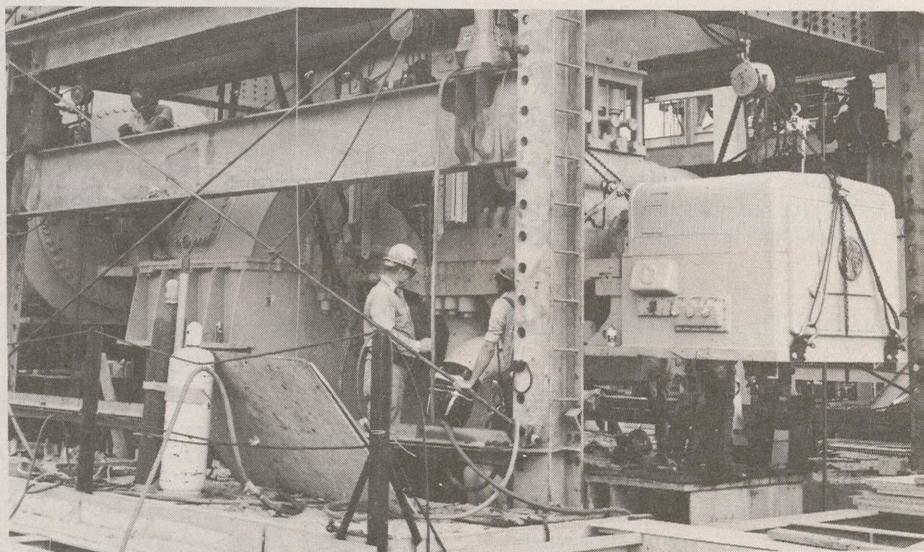
## FOUND

7 keys and blue tag on ring. Mercedes key on North Campus Gym entrance of the Deer Park High School on Ivy. 11 keys on rings with black loop. Claim in room 151, Refinery Administration.

## PERSONALS

I want to thank everyone at Deer Park and Westhollow for the nice gifts, money and scroll. The scroll is first choice. I will remember you all the rest of my days. Hattie and I will be at 814 Cedarwood, Friendswood. Drop by to see us anytime.

—R. T. Foster



The Central Power Station (CPS) construction recently reached a major milestone when the second 50 million watt turbogenerator (pictured above) was finally raised into position. The raising was accomplished with the aid of the temporary leveling frame shown surrounding the turbogenerator. Since this picture was taken, the leveling frame has been removed; and the CPS construction has reached its 35 percent completion stage.



# 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

P. O. Box 100  
Deer Park, Texas 77536