

Shellegram

Deer Park Manufacturing Complex

Thursday, Nov. 20, 1980 Vol. 45, No. 36

Please return your cards

Please return your blood donor card today. After cards are received, appointments to give blood will be set Dec. 10-12 for DPMC South and Dec. 15-17 for DPMC North. For more information, call 6552 at DPMC North.

During CFH turnaround

Handling catalysts requires care

"How do you remove and load 500,000 pounds of catalyst at the two reactors at Cat Feed Hydrotreater (CFH)? Very carefully."

Those are the words used by Bob Ingram, process manager, Gas Recovery, to describe one of the most important phases of the current CFH turnaround. The turnaround, which began about two weeks ago, is scheduled to end this weekend.

The nickel-molybdenum catalysts are important because they're used to remove metal contaminants from the 50,000 barrels of heavy oil received each day by CFH from the Flashers and Distilling. Polyaromatics—which are undesirable when used as Cat Cracker feed (because they are high coke producers)—are also removed with hydrogen from oil in the reactors. After further processing at CFH, the oil is converted into gasoline at the Cat Cracker.

Ingram explained catalysts and other substances inside a reactor must be arranged so contaminants can be effectively removed without creating other problems. A loosely packed layer of curved pieces of ceramic are placed at the top of the reactor to allow the oil to move through to the catalysts freely without getting clogged in that initial layer.

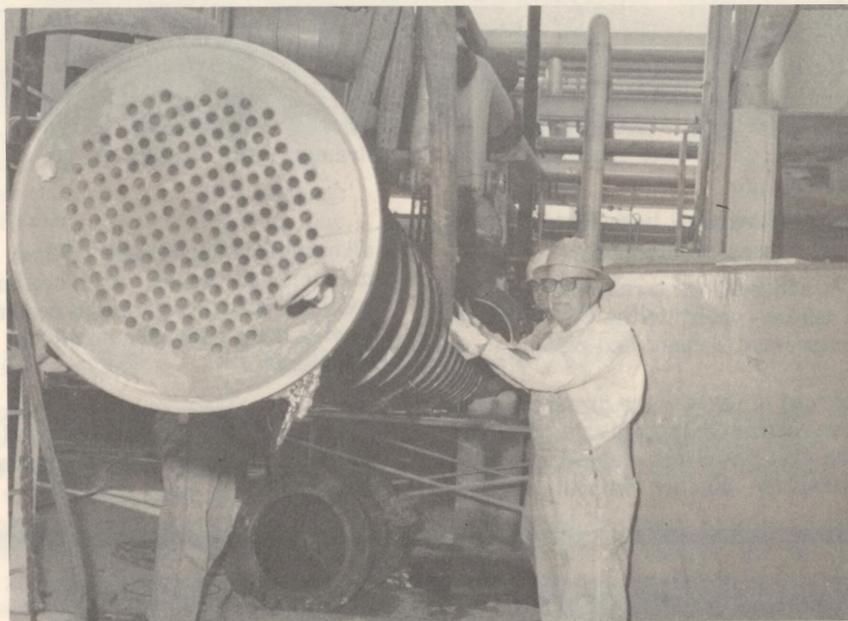
Below that are two layers of catalysts, which are followed by layers of round ceramic balls. At the bottom of the reactors are bulky rocks, which are designed to keep oil from pushing the catalysts into a heat exchanger.

Ingram added old catalysts must be replaced every two years because they have lost the ability to convert polyaromatics into more desirable substances and effectively remove metal contaminants—such as vanadium, nickel, copper and iron. New catalysts are brought in from the West Coast, where they are manufactured at a Shell California location.

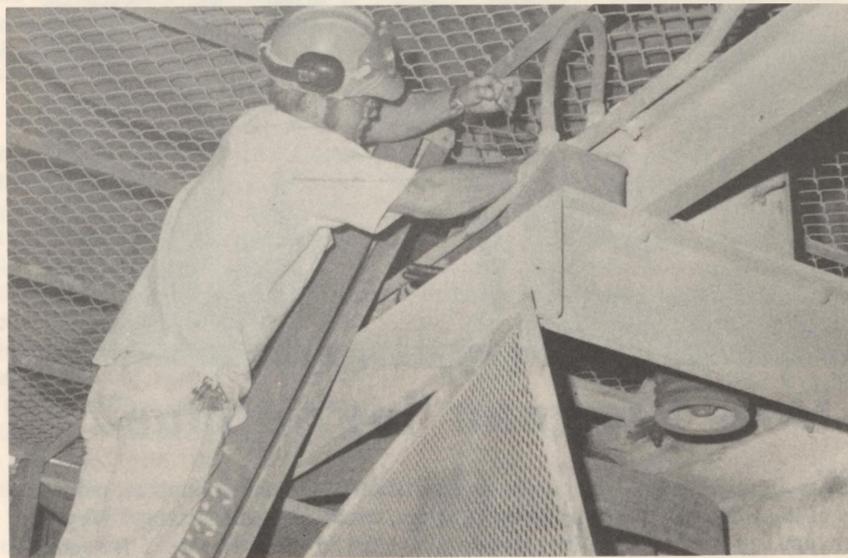
Also during the CFH turnaround,

DPMC personnel have been tying in a new recycle gas scrubber column—which is designed to expel unwanted hydrogen sulfide and upgrade hydrogen

used to remove polyaromatics from oil. By improving the purity of the hydrogen, the new column will result in
Continued on Page 2



Barney Gaines (foreground) and H.H. Stall, both Maintenance North boiler-makers, help remove a heat exchanger during the CFH turnaround.



Don Bergen, a Maintenance North electrician, repairs a stripper top fan.

Handling catalyysts . . .



Dallas Little, a CFH operator, checks on instrument work during the turnaround.

Continued from Page 1
greater gasoline production.

In addition, the turnaround resulted in routine repairs to the CFH furnace, compressor, column and piping.

Proud of the way the turnaround has been conducted, Ingram said, "The unit was shut down and cleaned out in an exemplary manner without any en-

vironmental problems. When the maintenance began, the craftsmen complimented the operations people for leaving them with such an oil-free and clean unit.

"All in all, the turnaround started in a splendid manner and it has continued that way."



Does Langnau 'luv ya blue'?

Why is Jimmy Young, left, purchasing assistant, Purchasing Support, poking fun of the Oiler shirt worn by Greg Langnau, senior clerk, Receiving? Why is Langnau, an avid Cowboy fan, wearing the shirt in the first place? It seems Young won a bet with Langnau that the New York Giants would beat the Cowboys. But who knows? Maybe Langnau will start backing the Oilers.



SHORT SUBJECTS

He's serious about humor

Being funny is no laughing matter for Clarence Bridges, senior engineering assistant, Project Engineering.

He has worked hard at it, winning the humorous speech competition of the Eastern Division of District 56 of Toastmasters after defeating three other toastmasters.

On Nov. 22, Clarence faces four other division winners in Austin in hopes of winning district-wide competition. The district extends from San Antonio to the Louisiana border and northward to Waco and Nacogdoches.

Check on it

The Shell Federal Credit Union has initiated a share draft program, which is similar to a checking account at a bank.

The program will let you open an account to write checks on while drawing 5¼ percent daily interest. However, a minimum \$100 deposit is required to open such an account.

Brochures explaining the program and other information is available at SFCU's office at 301 East Thirteenth in Deer Park.

\$	\$	\$	\$
\$	Shell	Provident	Shell
\$		Fund news	
\$		The Provident Fund valuation is as follows:	
\$		Equities Fund	\$
\$		Oct. 31-\$4.081	\$
\$		Shell Stock Fund	\$
\$		Oct. 16-31-\$48.351	\$
\$		Shell Employee Stock	\$
\$		Ownership Fund	\$
\$		Oct. 16-31-\$48.743	\$
\$	\$	\$	\$

Welcome to the Deer Park Manufacturing Complex



Pat Burnett
Data Entry Op.
Data Process.
Hired in Sept.



Carol Campbell
Secretary
Services
Hired in July



Paul Downey
Manager
Dist. Services
Trans. in Aug.



T.V. Filberth
Sr. Secretary
Olefins Admin.
Hired in Aug.



Sandy Hogue
Chemist
North Lab
Hired in Sept.



Dianne Hudson
Secretary
Distribution
Hired in Aug.



Rob Jacoby
Engineer
Plant Eng.
Hired in Sept.



Tommy Keeling
Mechanic
Maint. North
Hired in Sept.



Lisa Liles
Accountant
Financial
Hired in Aug.



P. Stephinski
Engineer
Process Eng.
Hired in Aug.



Kimberly Vo
Analyst
E&S North
Hired in Aug.



Sandy Williams
Nurse
Medical
Hired in Aug.

For pooches and people

Heimlich maneuver offers fast relief

When most people talk about using the Heimlich maneuver to stop choking, they're referring to helping other people.

But C.J. Cook, senior engineer, Plant Engineering, recently witnessed an incident that shows the technique also can be used to aid man's best friend.

He recalled, "Recently, my 14-year-old daughter, Kimberly, and I found our dog, Wrinkles, choking on food. The dog—which is of average size—was standing. So, Kimberly straddled Wrinkles' back and used the maneuver. On the third try, a large piece of meat popped out of the dog's mouth onto the ground. The dog began breathing regularly again.

"But this isn't the first time Kimberly has used the maneuver. Nearly three years ago, she used it on a choking classmate at Lake Sam Rayburn. These experiences have made me a believer in the Heimlich maneuver."

Before administering the maneuver, the Medical department advises you to ask the person who is apparently choking if he can breathe. If the person cannot talk, strike him a couple of times on the upper back with the flattened palm of your hand. If that fails, use the Heimlich maneuver.

The maneuver is performed by standing behind a choking victim and

wrapping both arms around his waist. Make a fist and grab it with your other hand. With the fist thumb side toward the victim and against the victim's abdomen, slightly above the navel and below the rib cage, press your fist into the victim's abdomen with a quick upward thrust.

If the victim is sitting, perform the maneuver standing behind his chair. If the victim lies on his back, kneel astride his hips and place your hands—one atop the other—slightly above the navel, below the rib cage. Press the

heel of your bottom hand into the abdomen with a quick upward thrust.

The maneuver should be repeated if necessary.

The technique works because of the large amount of reserve air in the lungs. The pressure applied pushes the victim's diaphragm up and compresses the reserve air. The foreign object pops out as a result of the pressure.

For more information on the Heimlich maneuver, contact the Medical Department.

Consider defensive driving

Winter weather brings with it complications for all drivers—ice, rain and strong winds. This is a season to think about safety before crawling behind the wheel.

With that thought in mind, Safety and Industrial Hygiene is encouraging employees to consider taking a defensive driving course to sharpen their skills and become safer drivers.

In the Deer Park area, you can take these courses from the Parks and Recreation Department of the City of Deer Park, Pasadena Independent School District, Pasadena Public Library or San Jacinto College.

For more information about these

defensive driving programs, call (City of Deer Park) 479-3002; (Pasadena ISD) 477-1443; (Pasadena Public Library) 473-7962; and (San Jacinto College) 479-1501. Fees for taking the courses may vary.

Many people are eligible for lower car insurance rates after taking a defensive driving course. Check with your insurance agent.

If you live outside the Deer Park area, you may wonder if a defensive driving course is offered near your home. Call Tommy Cutrer, senior safety inspector, at 7209 and he can tell you.

Classifieds

FOR SALE

1977 Buick Regal Rendezvous. 350 V-8, automatic transmission, air, power steering and brakes, tilt steering, AM-FM RCA stereo, new Goodyear radials. 34,000 miles. Call 479-7439.

1977 Buick Century. Power steering and brakes, air, tilt steering. AM-FM cassette. Good tires, battery and brakes. Call 476-4640.

52-N Ford tractor. \$1,800. Two-horse trailer. \$1,000. Both in good shape. Call 482-5011.

1975 27-foot Holiday Rambler travel trailer. Central heat, air, electric-butane refrigerator. New tires. \$7,500. Call 476-4536.

1976 Harley Davidson. 250cc. Needs minor repair. \$350. Call 328-4507.

1970 18-foot Glastron boat. 165 HP Mercruiser. \$1,000 or best offer. Call 438-1788.

Nice brick house. 3-2-2, formal dining area, garage opener, front porch, wood fence. Two blocks from Deer Park Elementary. 10½ percent non-escalating loan. Low equity. Call 479-7925.

Nice home on one acre. Two adjoining acres that can be commercial corner. South-Southeast area. Call 946-1707.

Wooded lot at Hilltop Lakes. West of Normangee. 1976 half-ton Chevy pickup. Four standard rims for 1974 Chevy car. Eight-foot glass patio door with aluminum frame. Call 472-2933.

Condominium for sale or lease. Westwood Mall area (Southwest). Two bedrooms and baths, washer-dryer, microwave, frost-free refrigerator with ice maker. Cathedral ceiling, wood-

burning fireplace, tennis courts. If you buy, you assume a nine and seven-eighths percent loan. Call 778-0764 after 5 p.m.

24-inch color TV. Good cabinet, fair picture. \$125. Call 473-2362.

Sofa and rocker set. Early American, perfect condition. Both for \$100. Call 479-4947.

Bassett baby bed. Like new. Chest of drawers and dresser to match (dark pine). \$325. Call 455-7393 or 324-1169.

Single bed. Box springs and mattress with folding base on rollers. \$40. Self-leveling Gabriel rear shocks. Fit most GM full-size cars. Used one week. \$70. Call 946-6273.

Kimball Swinger 500 organ. Various instrumental sounds and rhythms. Like new. \$595. Call 487-0942.

Conn "Director" trombone. With case. \$125. Call 479-0188.

Pro Line golf clubs. Woods (1,3,4,5) and irons (2-9) plus wedge. Call 944-2811.

AKC dachshund puppies. Three males, one female. Tan-red. Have shots. Call 946-4712.

Black Labrador retriever. Two years old. No papers. \$50. Call 422-4069.

AKC registered Brittany spaniel. Female, 4½ months old. Has shots. Liver and white. \$100. Call 479-6999.

AKC registered miniature black poodle. Two months old. \$175. (negotiable). Call 943-0622 after 4 p.m.

FOR RENT

Three-bedroom brick home. Den, two-car carport, fenced backyard. You pay utilities. \$350 per month plus \$300 deposit. Call 472-3075 after 3 p.m.

FREE

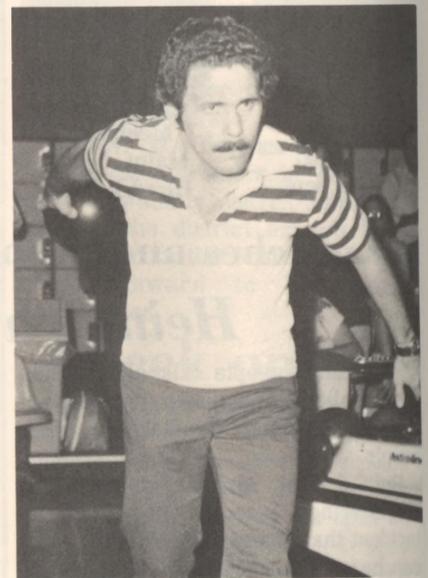
Two female Lhasa Apsot poodles. Adult height 12 inches or less. Six weeks old. Call 473-3746 after 4 p.m.

WANTED

Space heater that burns natural gas. 30,000-40,000 Btu. Prefer Dearborn or similar brand. Call 479-1223 after 4 p.m.

Ride to Missouri. St. Louis, Kansas City, Columbia or Springfield areas. Will share expenses. Call 482-5087.

Good riding horse for novice. Mare or gelding from five-10 years old. Call 475-1749.



Going for it

Participating in SCORA league bowling competition, Bill Dorsey, a Maintenance South pipefitter, prepares to score a strike for the Untouchables.



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.

Les Cole - Editor