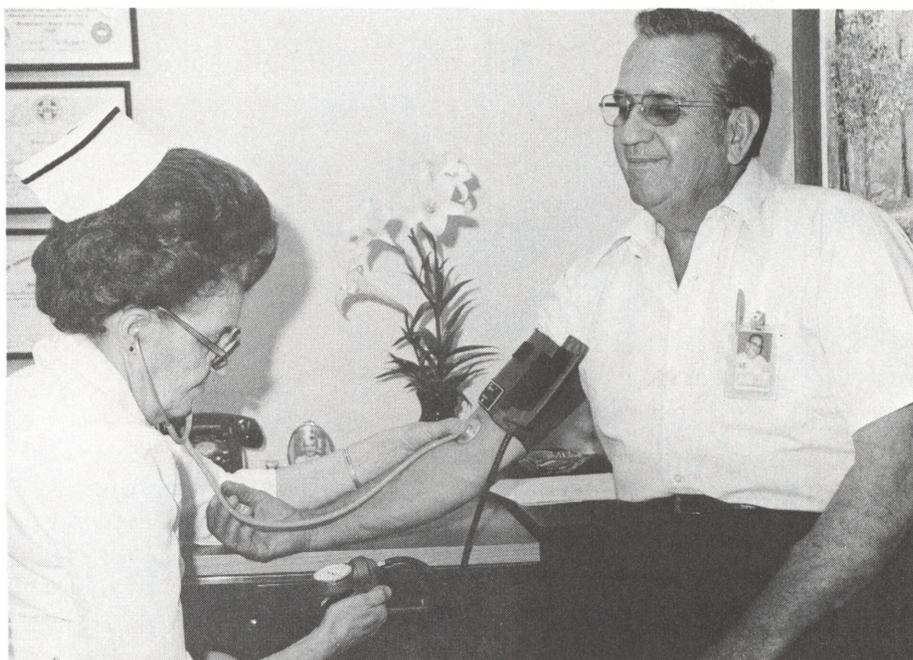


SCREENING PROGRAM TO DETECT HIGH BLOOD PRESSURE NOW UNDERWAY

As announced in the May 13 SHELLEGRAM the company is planning a screening program during the last two weeks in May.

It was announced in the May 13 SHELLEGRAM that the company was planning a

Head nurse Evelyn Leamons checks I. C. "Ike" White's blood pressure as part of the company-wide screening program now underway.



screening program during the last two weeks in May. That program is now underway.

It is free and voluntary. It is a *must* for anyone interested in their wellbeing as high blood pressure afflicts some 15 to 20 percent of the adult population and is a contributing factor in thousands of deaths annually.

High blood pressure is a difficult thing to detect

as it offers no warning until a serious complication occurs. It is hoped that this screening program will identify those with high blood pressure so that they can be encouraged to seek further evaluation from their personal physician.

Plan to make one of the

screenings listed below:

Chemical cafeteria
2:15 pm - 4:30 pm
May 21, 27
11:15 am - 12:30 pm
May 21

Refinery cafeteria
2:15 pm - 4:30 pm
May 24, 26, 28, June 3

18TH ANNUAL INDUSTRIAL HONOR AWARDS BANQUET HELD IN BAYTOWN



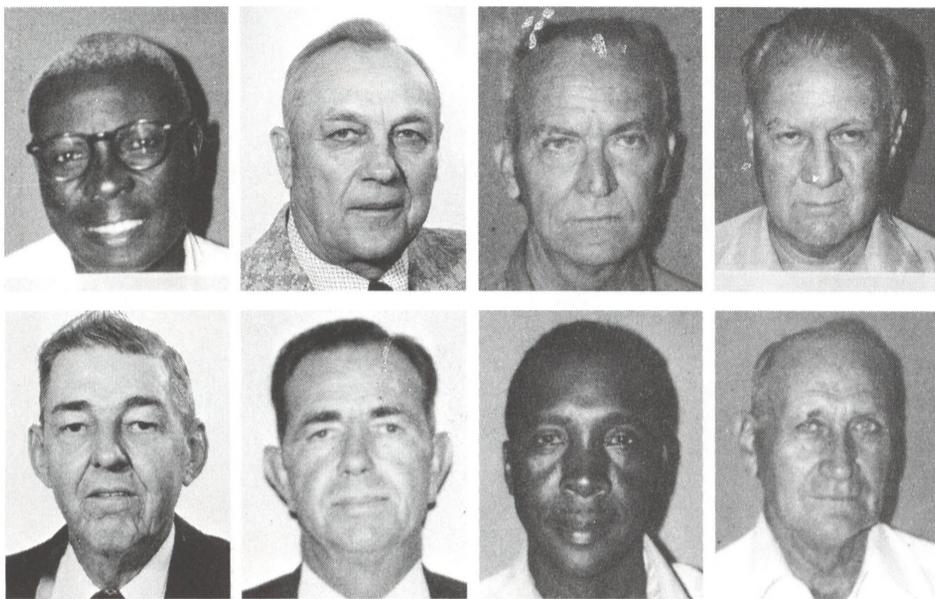
The 18th Annual Industrial Honor Awards Banquet was held April 27 at the Tower Restaurant in Baytown. Children of Shell employees pose with Employee Relations' L. J. Hallmark (far left):

l-r, Melody Jones, Teri Stefka, Cathey Cleghorn, Diane Peace,

Alan Mosley, Susan Powell, Jon Nettles, Margo Giebelstein, Leigh Ann Koehn, Melissa Holy and David Heasty.

Info and picture due June 3 for GRADUATES' ISSUE.

EIGHT MEN RETIRE FROM COMPLEX



Alexander
Boer
Brock
DeLozier
Giebelstein
Lary
Thomas
Wood

Seven men have recently retired from the DPMC.

Leon Alexander, 57, leaves as a truck driver No. 1, Automotive.

At the time of his retirement, Leon had 34 years of company service.

He and his wife, Eula May, will make their home on Barrett Road in Crosby.

Hilbert E. Boer, 59, is retiring with 26½ years of company service.

At the time of his retirement, he was a pipefitter No. 1 in Engineering Field.

He and his wife, Mary Louise, will make their home at 603 Elsa in Pasadena.

W. E. "Bud" Brock, 59, retires with almost 21 years of service. He was an instrumentman No. 1 in Maintenance Engineering.

He and his wife, Sadie, will make their home at 123 East Pine Street in Levelland, Texas.

Lindsey B. DeLozier, 60, retires as operator No. 1, "A" Department. At the time of his retirement, he had 25½ years of company service.

He and his wife, Ermal, will make their home at 1206 Dogwood Drive in Pasadena.

Harry G. Giebelstein, 65, retires with 37½ years of company service. He was a shift foreman in Alkylolation.

He and his wife, Ursule, will make their home at 511 Yorkshire Drive in Pasadena.

Emery N. Lary, 51, has

retired with 28½ years of company service as a shift foreman in "G" Department.

He and his wife, Mary, reside at 1904 Leneva Lane in Pasadena.

Cleveland Thomas, 56, retires as a wax helper in Lubricating Oils. At the time of his retirement, he had 23 years of company

service.

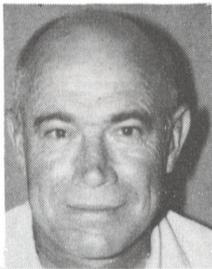
Cleveland will make his home in Navasota.

Price M. Wood, 64, is retiring with 30 years of company service. He leaves as an operating assistant in Environmental.

He and his wife, Leita, make their home at 605 Line Drive in Gainesville.

OPERATOR AND INSTRUMENTMAN DIE

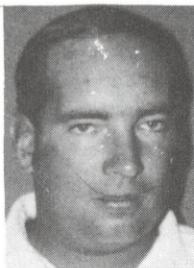
E. Ray George, operator No. 1 in "R" Department died May 6.



Funeral arrangements were handled by the Sterling Funeral Home in Dayton.

Ray is survived by his wife, Betty, who resides at 201 West Linnie in Dayton.

Harry S. Arthur died May 10. At the time of his death, he was an instrumentman No. 1 in Engineering Field.



Funeral arrangements were handled by the Forest Park Funeral Home in Houston.

Harry is survived by his

wife, Sherry, who resides at 5434 Apple Blossom in Friendswood.

PROVIDENT FUND NEWS

The Provident Fund valuation is as follows:

- Equities Fund
- April 30 - \$2.622
- Shell Stock Fund
- April 16-30 - \$56.441

This Saturday, May 22, is the day of the SCORA catered barbecue picnic. Food will be provided throughout the day with numerous activities planned for all. For those who aren't SCORA members, you may attend for \$3.00 per person. The place: Galveston County Park. The time: 10 am - 11 pm.

MOLLY ESSARY SELECTED AS 1976 MISS LA PORTE-BAYSHORE



Molly Essary, daughter of Purchasing's D. H. "Toby" Essary, is a very busy young lady.

Now attending San Jacinto Junior College, she is a member of the San Jacinto golf club and the San Jans dance team. She also serves as choir director of her church. This fall she will continue her major in educa-

tion at Texas A&M University in preparation for teaching either at the high school or junior college level.

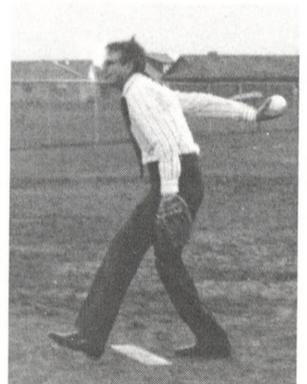
And recently as Miss La Porte Rotary, she was selected as the 1976 Miss La Porte-Bayshore winner.

Molly succeeds another Shell daughter, Liz Clark. Liz is the daughter of O. M. Clark, also in Purchasing.

The Easter bunny arrived with Randee Rothman inside to greet all of the children at the April 17 Easter Egg Hunt held at the Carpenter Elementary School on Pasadena Blvd.



The batter is ready...



The pitcher winds up...



A player, with eyes on the ball, advances to catch a fly...



The umpire declares an out...

Time out for consultation.



Opening night for SCORA baseball fans found complex manager Gary Dillard throwing the first ball. The Friday games will be

held in Deer Park's Dow Park and all employees are encourage to attend and cheer their team on to victory.

CLASSIFIEDS

FOR SALE

1974 Honda 750cc, like new, 1,200 miles. \$1,600.
477-4538

1972 Suzuki 750 fully dressed, new condition, new inspection sticker and 1976 license. \$1,250.

1971 Yamaha 350 R-5, 7,500 miles. Make offer.
482-3201 after 5:30 pm

1972 Honda 100CL, 1,000 miles, very clean. \$275.
479-5321

9'x6' orange and brown shag area rug, good condition. \$25. Realistic Plug'N Talk 2-channel intercom, 2 units, like new. Both for \$40.
479-6579

Full-blooded male Boston Terrier, black with perfect white marking, 6 weeks old.
479-3755

Wedding gown with veil, traditional, size 12-13, off-white. Also blue formal gown, size 11. \$70 for both.
479-3598

GE washing machine, 11 years old, fair condition. \$15.
479-3598

Early American chandelier, amber color. \$40. Folding game table. \$20. Lamp. \$20. Swag lamp. \$15. Newly reupholstered couch, plaid with new cushions. Cost \$350; sell for \$200.
626-4938 after 5 pm

Window air conditioner. \$75. 5-hp Clinton vertical riding lawnmower engine. \$95.
472-5988

5-piece dinette, padded chairs, extra leaf, good condition. \$50.
479-7603 evenings

White double drop baby bed and mattress, like new. \$20. Attic fan, 1/3-hp motor. \$10. Large mesh playpen. \$12.
477-2420

Free standing fireplace. \$75.
472-5988

Super highway bike, 1971 direct drive Moto Guzzi V750 Ambassador, excellent condition, saddle bags, luggage box, windshield, new tires. \$1,295.
471-0868

18' deep, wide and safe bay fishing boat, Caribbean tri-hull with center console, 120 Mercruiser 1/0, 415 hours running time, rebuilt outdrive units, new clutch, U-joints in drive train, new axle, hubs, rims and tires on trailer. \$1,600.
471-0868

1-ton Westinghouse A/C unit, good condition. \$75. 1½-ton Admiral A/C unit with cycle air, new fan meter and fan, good condition. \$95.
471-0868

1972 Ford XLT Ranger V-8, good condition with extras. \$2,400.
946-9318

5-hp Roto-Hoe garden tiller, like new. \$145. Hand made quilt tops. \$25.
479-2500

UKC registered American Eskimo puppies. \$75 each.
487-0313

Two wooded lots, 82' frontage each, in Riverbrook addition, Forest Hills, Conroe. Low down, easy terms.
472-7088

Wooded lot, 165' frontage, Waldon Woods on Caney Creek, Porter. Reasonable, easy terms.
472-7088

1972 Lemans 350 with sport option, AM-FM stereo tape deck, silver with black vinyl top. \$2,400.
479-6459

1969 Pontiac Lemans, good condition. \$795.
479-4239

Couch. \$40. 2 living room chairs. \$20 and \$15. Coffee table. \$5. All in good condition.
473-5811

Great Dane, 3 years old, female, full blooded, no papers. \$50.
479-4280

1973 Yamaha TX500, good shape, accessories, 2 helmets. \$800.
471-1618

WANTED

Living room suite and dining room suite.
471-2961

FOUND

Black umbrella with cane handle in refinery conference room week of May 3. Claim at SHELLEGRAM office.

PERSONALS

I want to thank my many friends at Shell Chemical for my retirement gift. I turned it into a set of Jack Nicklaus Heritage golf clubs. With the tryout, they neither hook or slice. I will use them often.
- Bud & Suzie Brock

I would like to thank my many friends at Shell for the nice retirement party. I will make good use of the present given to me. I will think of all of you often. With best of luck to all.
- H. G. "Gieb" Giebelstein

NO SHELLEGRAM NEXT WEEK

The SHELLEGRAM stands will be empty May 27 as the editor will be vacationing.

The next issue will appear June 3.

SHELLEGRAM

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

Mrs. Dotti West - Editor



Environmental Superintendent Bob Mattern discusses Shell's deep-sea disposal operations and examines a sample of the bio-solids.

BOB MATTERN ANSWERS EMPLOYEES' QUESTIONS ON DEEP SEA DISPOSAL

The use of deep-sea disposal by Shell's Deer Park Manufacturing Complex has attracted attention in the Houston area in recent months. Many statements have been made at public hearings and in the press which have resulted in a great deal of confusion and misunderstanding.

Shell is convinced that deep-sea disposal of this waste is the most environmentally acceptable method of eliminating it available to the Complex today. Nevertheless, the company is developing a land-based alternative disposal method on a tight schedule as required by the Environmental Protection Agency.

To provide Houston area Shell employees with a better understanding of Shell's deep-sea disposal operations, we have asked Bob Mattern, the Environmental Superintendent at the Deer Park Manufacturing Complex, to answer some questions. These questions are typical of those which have been asked by many people.

If you have additional questions concerning Shell's deep-sea disposal operations or any of our environmental practices, please send them to Bob Mattern, Shell Deer Park Manufacturing Complex, P. O. Box 100, Deer Park, Texas 77536.

Q. Exactly what is it that

Shell is disposing of?

A. Very simply, we are disposing of a biological material from our waste water treatment system. This material, which is 97 percent salt water, contains organisms or bio-solids which are used to cleanse the water used in chemical plant operations. We are not dumping chemical wastes.

These organisms are common in marine environments. They grow and reproduce in the biotreater of our water treatment facility as they convert chemical wastes into carbon dioxide and water. However, because of their continued growth, the excess bio-solids must be removed from the biotreater to maintain high quality waste water, and that is what is disposed of in the Gulf of Mexico.

Q. Why is Shell the only Texas company using ocean dumping?

A. Very few materials qualify for ocean disposal under the stringent EPA criteria which require no adverse effect on the ocean. Our bio-solids meet this criteria.

We have expended significant research efforts and public exposure to qualify these materials because we feel ocean disposal is more acceptable than available land-based alternatives.

Further, our bio-solids contain salt which has complicated our efforts to incinerate or landfill them.

(Although the EPA sees no harm in ocean disposal of these bio-solids, they have required us to find a land-based alternate. We are doing just that and will start construction of land-based facilities by August 1977.)

Q. What do other companies do with this kind of waste?

A. We have one of the largest biotreaters on the Gulf Coast. Most other companies have much smaller quantities of bio-solids that are not as salty so they can landfill them without causing undue odor or runoff problems.

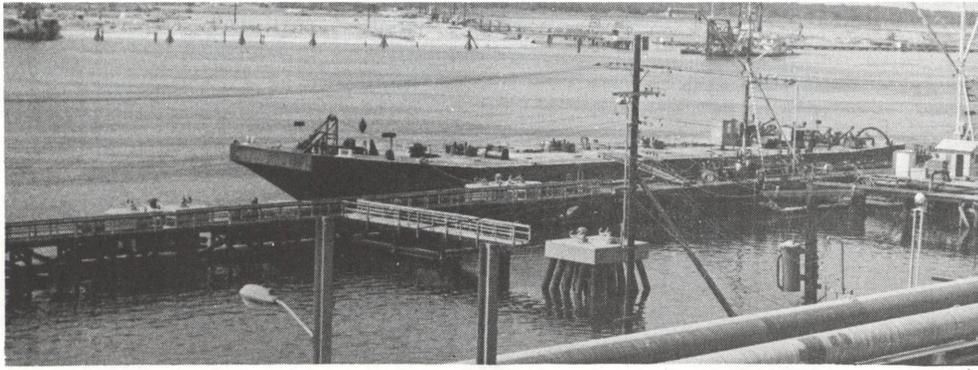
Q. Why does not Shell adopt the same techniques as other companies?

A. We have tried incineration, lagooning and landfill. In each case, the salt or the volume of waste caused environmental problems. (Our present studies are geared to solving these problems on a very tight schedule.)

Q. What happens to the sludge once it is dumped?

A. Dumping is not a proper name for the operation. We transport the bio-solids

(Continued on next page)



Bio-solids are loaded into this ocean-going barge which is towed to the disposal zone 130 miles offshore. The bio-solids are released in the disposal zone through a special underwater dispersion nozzle.

about 130 miles into the Gulf in a large barge and discharge them through an underwater dispersion nozzle while the barge is moving at a speed of at least five knots. The discharge rate is limited to 12,000 pounds a minute. This practice assures rapid mixing with sea water and prevents concentration of the solids.

Q. What about the film on television in February which showed drums being pushed overboard?

A. Although that film was used in the coverage of Shell's deep-sea disposal public hearing, it was not of a Shell operation. It was taken from the film library of the local station and was six years old. It did not even resemble Shell's operations. We do not dispose of any drummed waste and our operations are very carefully controlled.

Q. What happens to the fish that are in the area when the sludge is dumped?

A. Our tests showed that fish and shrimp are not harmed by the concentrations of bio-solids which would be present right behind the barge. In these tests, fish and shrimp were exposed to these concentrations for a month which greatly exaggerates real conditions.

I should add that Shell uses the EPA-approved disposal site about 130 miles offshore. This site is a relatively non-fertile zone, outside commercial fishing areas, beyond the continental shelf with a minimum depth of 2,400 feet.

Q. Does the sludge contain heavy metals or other poisonous material?

A. Our bio-solids contain only very small amounts of potentially harmful materials. The concentrations of heavy metals right after discharge are well below any toxic levels and similar to naturally occurring levels in sea water.

Q. Won't the buildup of sludge in the dump zone cause problems in the future?

A. There is no buildup of solids in the dump site because they are dispersed and gradually broken down by natural processes.

Q. Is it cheaper for Shell to dump this waste than to use other disposal methods?

A. Ocean disposal is more expensive than usual landfill but less expensive than incineration since incineration uses large quantities of fuel.

Q. What safeguards does Shell take to make sure the permit is not violated and to see if the dumping is harming the environment?

A. We send a detailed report for each disposal operation to the EPA. This includes a detailed analysis of each barge load of bio-solids which is submitted 48 hours prior to the barge's departure as well as complete navigational information. The tug pulling the barge uses accurate navigational devices to confirm the disposal route. The Coast Guard is notified in advance of each operation, and weather permitting, they send a plane to fly over each disposal operation.

Q. What about the charges by fishermen and scuba divers that Shell's dumping has caused a reduction in the fish population and has damaged the Flower Gardens coral reefs?

A. In spite of public charges to the contrary, the coral reefs are healthy and populated by a wide variety of marine plants and animals as shown by extensive marine biological studies. There is no evidence which even suggests that Shell's disposal operations, which are conducted about 50 miles from the reefs, have had any harmful effect on them.

The Deer Park Manufacturing Complex's use of ocean incineration for waste disposal is another subject which has attracted attention in the Houston area. We plan to interview Bob again in a few weeks to answer questions about this method of waste disposal. If you have questions on this subject, please send them to him at the previously listed address, and we will try and include them in that interview.



The Deer Park Manufacturing Complex has one of the largest water treatment facilities on the Gulf Coast.