



shellegram

SHELL OIL COMPANY
HOUSTON REFINERY

SHELL CHEMICAL CORP.
HOUSTON PLANT

OL. 22

HOUSTON, TEXAS

No. 9

United Fund Groups Start Work

At Chemical Plant and Refinery

Ware & Taylor Them Chairmen

The Chemical Plant's United Fund Chairmen and Campaign Managers are working on the biggest drive in Plant history. Solicitations will begin on Oct. 16. The goal to be met this year is \$11,550.

I. H. Ware, Welder No. 1, and Vice President of Local 4-367, OCAW, and J. F. Taylor, Manager of A Dept. are serving as Co-Chairmen. Assisting them in directing the campaign are Campaign Managers C. L. Martin, Operator No. 1, Chairman - Workman's committee; H. O. Williams, Operator No. 1, Workman's committee; C. C. Kendrick, Carpenter Helper No. 1, Carpenter Shop Steward, and R. L. Oaks, Chief Engineer. Oaks will spearhead the drive for staff employees while the others will work with hourly personnel.

The increased goal this year needed to take care of the additional agencies covered by the United Fund. Last year there were 54 agencies, this year there are 60. These charitable organizations provide needy citizens with assistance in such areas as child care, family services, youth services and health services.

In years past many who have given money felt that most of it went to national agencies with that remaining being used in Houston and Harris County. The fact is that 90 percent of all money collected stays in this area with only 22 percent going to those agencies that work on a nationwide scale.

According to Ware and Taylor, approximately 65 employees will handle the important solicitation work. These men and women are your contact with the many worthy agencies aided by UF.

Giving to the Fund can be done in several ways. Management has again agreed to the payroll deduction plan and, of course, donations can be made by check or cash.

Using the deduction method means that you need not have any money taken from your check until after Jan. 1, 1958. However, the period of deduction can last no longer than 12 months.

If you desire to pledge directly to the United Fund, the period of payment can be lengthened to one year. Under this system the Fund office sends a statement, monthly, quarterly, semi-annually or yearly, to the home.

OIL REPORTS TO THE NATION



OCTOBER 13-19

Herrod Credits First-Aid In Saving His Son

Houston papers recently carried headlines that told of a father saving his 21-month old son from death due to drowning. The man is H. L. Herrod, a Chemical Plant carpenter.

Herrod and his family were visiting relatives when the accident occurred. Noticing that they had not seen the boy for some time, Herrod went to look for him. He found him floating face down in a bayou in back of the house. Herrod jumped in and pulled his son to shore and began administering artificial respiration. At the same time, Herrod's wife called the Emergency Corps. When they arrived, they administered oxygen for about 30 minutes.

Later, the boy was removed to a local hospital for further treatment and observation. Doctors estimate that he had been floating in the water for about ten minutes. Fortunately, Curtis Lee Herrod is back home and is recovering satisfactorily.

When asked about his experience, Herrod made two statements that may be of interest to SHELLEGRAM readers. The first was, "I hope that my misfortune will be of some help to others. I think everyone should know something about administering artificial respiration and all other phases of first-aid. Had I not known, my son would have died." It is interesting to note that Herrod used the old

Watson, Dorrell Lead Ref Drive

An all-out drive to support the 1958 United Fund campaign began shaping up at the Refinery as the central committee mapped plans for 48 hours of solicitation in October.

With support from both management and Local 4-367 of the Oil, Chemical and Atomic Workers International Union (AFL-CIO), the campaign in the Refinery has a goal of \$22,525 to help run 60 charitable agencies in Houston and Harris County.

Actual solicitation will begin at 7:30 a.m. on Wednesday, Oct. 16 and run to 8 a.m. Friday, Oct. 18.

B. B. Dorrell, Manager of the Dispatching Dept., and Ed Watson, Lube Oils Operator No. 1, are co-chairmen of the Refinery committee. All four chief solicitors this year will be attempting to surpass the tremendous over-the-top jobs they did last year.

These men are James Landrum of Thermal Cracking and Charles Maley of Aromatics who will direct solicitation in operating departments; D. L. Price of the Paint Shop who will lead Engineering-Field solicitors and Marx Isaacs of the Technological Dept. who will be in charge of staff solicitation.

Year	% Participating	Funds
1954	83%	\$14,910
1955	90%	\$15,540
1956	93%	\$18,560
1957	93%	\$20,666
1958	IT'S UP TO EACH OF YOU	
THE GOAL IS \$22,525		

Headquarters for this year's drive will be in the visitors room of the main gatehouse. Solicitors will bring their cards and contributions to that central location for tabulation.

A special United Fund movie entitled "The Answer" will be shown at various times and spots around the Refinery. This movie will spark a big kick-off meeting for Engineering-Field employees in the Central Shops as the solicitations begin the morning of Oct. 16.

On the two days set aside for solicitations, volunteers will fan out over the Refinery to contact every available worker. Solicitors will be assigned to each shift.

Hourly operating solicitation will be divided into four zones:

Zone 1—Lube, Cat Cracking and Aromatics.

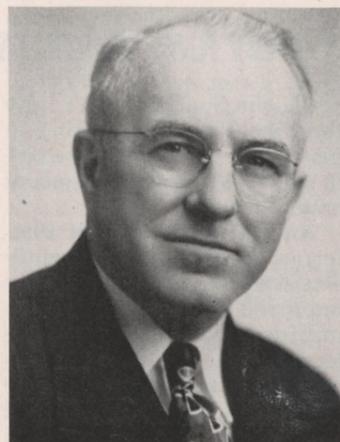
Former Ref Manager P. E. Foster Dies

It is with most sincere regret that we record the death at Austin on Sept. 9 of P. E. Foster who was Manager of the Houston Refinery from 1943 until his retirement at the end of 1950.

Phil Foster will long be remembered as a warm-hearted friend by many of us still working here.

He started his Shell career at the Martinez Refinery in May 1916 as a Loader. Moving up through a series of jobs at various locations, he became Assistant Superintendent at Wood River in 1924 and in 1928 went to the Arkansas City Refinery as Superintendent. Later that same year he transferred to Norco as Refinery Manager, where, except for a six-months special assignment in Borneo, he served until coming to Houston in 1943.

An indication of Mr. Foster's popularity and of the high esteem in which he was held by all employees is recalled by this quotation from the December 1950 issue of the SHELLEGRAM announcing his retirement:



P. E. Foster

"The past seven years have been spent at this Refinery where Mr. Foster soon earned the reputation of friendliness. He has gone out of his way many times to become acquainted with the Refinery's nearly 2,300 employees and knows most of them by name. He has never been so busy that he couldn't take time out to talk over their problems with them, whether business or personal."

Phil Foster will be long remembered with affection in Houston and our sympathetic thoughts are for his family in their great loss.

United Fund Needs Your Help

The growing response to the annual United Fund appeal by all Shell employees both in the Refinery and in the Chemical Plant during the past two or three years has been most gratifying, indicating a better understanding of this sensible way of allocating all of our charitable giving. This year the top leadership in Houston and Harris County is being taken by Mr. Joe T. Dickerson, President of the Shell Pipe Line Corporation, as General Campaign Chairman; and under him, I have assumed the Chairmanship of the Ship Channel Industrial Unit, comprising 50 industries of which the Shell plants at Deer Park are among the largest. These are heavy tasks for which a full reward will be to look back with a sense of achievement when the job is done.

I hope that all employees will give their warmest support to this United Fund drive, firstly because it is our humanitarian duty to do so, and secondly to show once again that Shell people are willing to shoulder their full share of civic responsibilities. Our aim is to obtain 100 per cent Shell employee participation with a contribution goal of one hour's pay per month or one to two per cent of annual income.

Let each one of us keep this target in mind as a measure of personal generosity which we individually should do our best to attain.



Refinery Manager John Tench and Shell Pipeline Corporation President Joe T. Dickerson discuss the approaching United Fund campaign of which Dickerson is General Chairman. Tench is serving as Chairman for the Ship Channel Unit.

Training Given Ten Employees

Ten Refinery employees recently completed the Professional Employees Development Course which is designed for senior professional employees.

The course was established to give these persons advanced training in leadership, human relations, the leading of discussions and the presentation of talks. The program also gives them information concerning the organization and operation of the Shell Oil Company in order to increase their overall knowledge and understanding of the Company.

Engineering employees who completed this course are B. C. Bell, J. W. Mizenko, L. J. Sternat and J. K. Watkins. Joe Anne Berwick of the Refinery Lab and B. S. Baldwin of the Technological Dept. took the course in addition to Research Lab workers M. G. Geiger, A. P. Grossman, J. W. Jenkins and T. B. Metcalfe.

One of the main parts of this program is the presentation by each student of a 25-minute report on some aspect of human relations such as "delegation of authority" or "the doctrine of completed work."

Other portions of the training include a discussion of a human relations case history taken from the personal experience of one of the students and talks on Company and Refinery subjects by several members of Management. Representatives of the Employee Communications Section also present sections of the training dealing with human relations and communications.

30 Years Service



H. R. Duncan
Eng.-Field (Ref.)

Shell Tops Industry In Newspaper Ads

Shell was the petroleum industry's leading newspaper advertiser in 1956.

The announcement by the Bureau of Advertising of the American Newspaper Publishers Association also shows that Shell was in 17th place among all national advertisers last year. In 1955 Shell was the 37th greatest advertiser.

Shell spent more than \$4 million on newspaper space in 1956, some 60 per cent more than in 1955.



Joe Anne Berwick of the Refinery Laboratory leads a discussion by her fellow students in the recently completed Professional Employee Development Course conducted by the Refinery Employee Communications Section. Other persons who completed the course (clockwise from lower left) are B. S. Baldwin (Tech.), L. J. Sternat (Eng.), M. G. Geiger (Res.), B. C. Bell (Eng.), T. B. Metcalfe (Res.), J. W. Mizenko (Eng.), J. W. Jenkins (Res.), J. K. Watkins (Eng.) and A. P. Grossman (Res.)

In Aromatics

Sparks Devises Improved Firing Torch

Charlie Sparks doesn't have the whole world knocking at his door, but he does believe in that old expression about better mousetraps.

An Operator No. 1 at Platform No. 2, Sparks recently suggested a new and greatly improved firing torch for lighting furnaces in his unit. The torch has already been borrowed and tested by two other departments and Sparks said they are enthusiastic about getting similar devices.

A relatively simple thing, the torch consists of a cylinder of acetylene hooked up to a lead soldering torch that has been extended so that a man can reach the overhead furnaces. The whole thing fits into a neat metal cart on wheels for easier movement from place to place.

Sparks originated the idea for the torch, but said he received a lot of help in developing it from Inspector John Floyd of the Fire and Safety Dept., Instrument Foreman Johnny Johnson, Aromatics

Technologist Pete Lanchak and Area Maintenance Foreman Clarence Sharpe.

The new torch, Sparks said, not only is safer and easier to use, but also makes it possible for one less man to light a furnace. Using the old oil-soaked asbestos torch it took two men to do the job. One man had to adjust the air registers while the other did the actual firing.

With Sparks' torch, the air registers can all be set in advance and one man can move rapidly from burner to burner, sticking the metal end of the torch into each to fire it. Sparks said he saw the need for getting a device that would

make it possible to light the burners in one continuous operation.

Sparks pointed out that in lighting overhead furnaces with the old style torch a man was in danger of having oil run down his arm and possibly ignite. It was also a much slower method because the torch had to be relighted several times during each firing operation and it would not fit through the air registers.

The new torch makes it possible to light the burners much faster and, with 155 burners in just one furnace, speed can be an important factor in bringing up a unit following a shut-down.



Operator No. 1 Charlie Sparks (left) and Technologist Pete Lanchak, both of Aromatics, prepare to light the firing torch which they played major roles in devising and constructing for use in lighting unit furnaces.

Plastic Saves Core Samples

Geological core samples taken from beneath the earth's surface by oil rigs are being preserved permanently in plastic at Shell Development Company's Exploration and Production Research Division in Houston.

The cores, small cylinders of rock, soil or mud a few inches in diameter, are encased in clear plastic by means of a process perfected by the Division's Geological Dept. Cores are preserved for future study and for teaching the characteristics of different kinds of sediments. Even delicate mud cores can be sealed in this way so that sedimentary structures and fossils remain undisturbed.

Without a protective coating such as this plastic, the cores—which provide oil men with their major source of knowledge about the underground formations in which they are drilling—often will break or gradually disintegrate with repeated handling.

Falls are the second greatest cause of accidental deaths in the U. S. each year.

Martinez to Add New Chemicals

Shell Chemical Corporation has started construction of a unit at its Martinez Plant to produce the first commercial quantities of three chemicals.

Research work on the chemicals—monoallylamine, diallylamine and triallylamine—was started at Shell Development Company's Emeryville Research Center early in the 1930's. About 10 years later the Research Center built a pilot plant to produce larger test quantities.

Recent research points to commercial uses for each of the allylamines as intermediates in the preparation of other chemicals. Monoallylamine shows promise for use in the preparation of resins, rubber chemicals, drugs and dye-stuffs; diallylamine can be used in the manufacture of rubber chemicals and drugs; triallylamine is potentially useful as an intermediate in the manufacture of emulsifiers and corrosion inhibitors.

Herrod

(Continued from page 1)

method of artificial respiration. Two days later, he gave instructions on the latest methods.

The second statement Herrod felt to be just as important as the first. "Under normal conditions, it is easy to locate numbers in a telephone book but not when a life depends on it. You are just as liable to turn one or 100 pages. Everyone should have all emergency numbers easily accessible at the telephone. A search at the time of an emergency is a waste of time."

This very thing happened to Herrod's wife when she was tempted to call for help. The numbers were not on a page and she could not find them in the telephone book.

Remember two things. First, a working knowledge of emergency numbers at your fingertips could mean saving a life.

It's a fact that

your gasoline dollar stretches further!



• Yes, your dollar goes further when you buy today's gasoline. In 1920 your dollar bought 2 pounds of coffee and about 4 gallons of gasoline. Today's dollar buys more than one pound of coffee but your gasoline dollar buys almost 5 gallons of top quality fuel. True, direct taxes* add 30% to your gasoline bill... yet gasoline itself costs less than most items on your shopping list. Yes, with today's gasoline you're driving a real bargain.



Insurance Coverage

If you are enrolled for family coverage under the Shell Hospital Surgical Medical Program, your children (unmarried) are automatically covered until they reach 19 years of age. When a dependent child reaches 19, you may arrange to continue insurance beyond his or her nineteenth birthday by paying an additional monthly contribution. This insurance may be continued while the dependent status of the child continues but not beyond his or her twenty-fifth birthday.

It is up to you to enroll a dependent child not later than 31 days after his or her nineteenth birthday. If you have dependents approaching 19 years of age, see your supervisor about enrolling them as sponsored dependents. Prompt action will insure uninterrupted coverage.

Chemical Men Take First Aid Courses

The Fire and Safety Section of the Chemical Plant recently held five classes in first-aid training. C. G. Hollingsworth, Fire and Safety Inspector, gave instructions on the care and transportation of the injured. In all, about 80 field personnel attended the classes. Each class learned the purpose of first-aid, the general directions of first-aid, the causes and how to care for shock, how to control bleeding, the circulatory system, and transportation of the injured. Since the allotted time for training was limited, the instruction highlighted most of the subjects and concentrated on the transportation aspect. Hollingsworth explained, "It is important to know what to do for an injured person at the time of the accident, but the transportation of the individual may mean the difference between life and death." Hollingsworth gave as an example, "If a man has a broken back, his life is probably hanging by a thread. Moving the victim must be done carefully and correctly." In the pictures (right) Hollingsworth demonstrates the use of the board type stretcher. The first picture shows Hollingsworth, second from left, telling the men who are to help him how they will lift E. Parker, Pipefitter No. 1, who is supposed to have a broken back. The second picture shows R. W. Chambers, Light Equipment Operator, N. J. Samford, Operator Helper, Hollingsworth, and L. Moss, General Helper, lifting Parker while A. Zwahr, Operator Helper, with back to camera, slides the board into place. Finally, Parker is lowered into the stretcher where blankets have been placed to keep his body level. When lifting someone with a broken back or neck, it is important that they be lifted evenly so as not to cause further injury.



Cooper Becomes Foreman at Ref.

R. R. Cooper has been promoted to Shift Foreman in the Treating Dept. at the Refinery. He replaced W. C. Joaqui who retired Sept. 1. Cooper first came to work at the Houston Refinery on Oct. 9, 1932 after being employed at Norco. He started as a Tester in the Laboratory, moving over to the Treating Dept. in August 1933 as a Treating Helper. He has worked in this department ever since.



R. R. Cooper

Credit Unions Grow Rapidly

The strength and importance of credit unions in the United States continued to increase greatly in 1956 according to the 1957 Credit Union Yearbook.

Assets of the 17,139 credit unions in this country increased by 24 per cent in 1956 to a total of \$3.3 billion. Savings were up 26 per cent to \$2.9 billion and the number of credit union members jumped 15 per cent to 9.1 million.

The outstanding loans at the end of the year were up 28 per cent to \$2.4 billion.



REFINERY

- July 21: Virginia, daughter of Mr. and Mrs. W. D. Loveless, Engineering.
- July 31: Cynthia Ann, daughter of Mr. and Mrs. N. A. Linke, Electric Shop.
- Aug. 14: Cheryl, daughter of Mr. and Mrs. G. W. Spotts, Engineering.
- Aug. 16: John Hugh, son of Mr. and Mrs. O. C. Griffin, Electric Shop.
- Aug. 18: Joel Patrick, son of Mr. and Mrs. G. L. Hayes, Research.
- Aug. 23: Dana Lou, daughter of Mr. and Mrs. B. G. Green, Dispatching.
- Aug. 23: William, son of Mr. and Mrs. J. O. Weiss, Research.
- Aug. 25: John Mark, son of Mr. and Mrs. J. B. DuBois Jr., Research.
- Aug. 28: Leslie Marie, daughter of Mr. and Mrs. R. A. Marks, Engineering.

REPORTERS'



ROUNDUP

Andy Dick to Go to N. Y.

W. A. "Andy" Dick, Technologist in Thermal Cracking, is being transferred to New York effective Oct. 1 to work in the Manufacturing Technological Dept. He has been at the Refinery since 1951.

Nurse Hines Aids Swimming Event

The recent AAU swimming and diving championships at the Shamrock-Hilton Hotel were made safer thanks to the efforts of Nurse Hortense Hines (P&IR) who with other Red Cross volunteers manned a first aid station throughout the meet.

Researchers Transfer, Attend Meet

Two Researchers in the news are Senior Research Chemist M. C. Simmons who attended the International Symposium on Gas Chromatography at Michigan State Univ. in August and Research Engineer R. D. JaQuay who transferred to the Research Lab from the Wood River Refinery.

York Receives Navy Citation

L. M. York, Clerk in the Aromatics Dept., recently took part in ceremonies in Houston for the awarding of a Presidential Unit Citation to the aircraft carrier USS Philippine Sea. York served as a Lt. (jg) aboard the carrier with Air Group 9 during Korean action in 1952-53, the period for which the Citation was awarded.

York has been employed at the Refinery for a year and a half, coming to work shortly after getting out of the Navy.



J. W. Morrison Marries

J. W. Morrison of the Welding Shop was married on Aug. 17 to the former Miss Loretta Welfl of Galena Park. The wedding was held in Our Lady of Fatima Church in Galena Park. Ushers included Bill Cason and Tom Skeahan, both of the Welding Shop.

10 Years Service

CHEMICAL

- C. W. Daully, Eng.-Field
- G. R. Dutcher, Lab
- M. D. Eubanks, Eng.-Field
- B. J. Glasscock, Opr.
- W. D. Jackson, Eng.-Field
- L. L. Jones, Opr.
- A. J. Jordan, Eng.-Field
- W. L. Krell, Eng.-Field
- L. Y. Nichols, Eng.-Field
- L. F. Pittman, Eng.-Field
- H. S. Row, Opr.

REFINERY

- J. W. Bell, Stores
- M. R. Bishop, Cat. Crack.
- A. A. Brown, Eng.-Field
- N. Carraway, Research
- O. C. Dupree, Refinery Lab
- M. E. Fielder, Eng.-Office
- C. P. Griffin, Eng.-Field
- F. E. Johnson, Refinery Lab
- R. M. Weatherly, Eng.-Field
- J. W. Wren, Eng.-Field

25 Years Service



M. A. Neeley
Dispatching (Ref.)

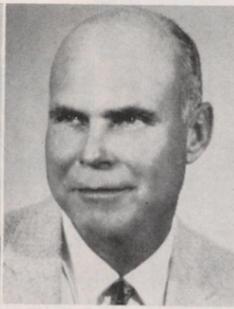


J. C. Phillips
Therm. Crack. (Ref.)

20 Years Service



J. H. Arrington
Opr. (Chem.)



E. A. Bowden
Eng.-Field (Ref.)



C. D. Finch
Ref. Lab (Ref.)



D. O. Henry
Ref. Lab (Ref.)



W. D. Layne
Eng.-Field (Ref.)



B. L. McManners
Eng.-Field (Ref.)



F. M. Newton
Eng. (Chem.)



J. M. Pridgeon
Lube Oils (Ref.)



M. L. Roller
Eng.-Field (Ref.)



D. W. Stewart
Gas (Ref.)



J. D. Temple, Jr.
Ref. Lab (Ref.)



H. H. Tolley
Lube Oils (Ref.)



Oil Progress Week Gives Employees Chance to Tell Public About Industry

This month we go back in history 17 years to the pages of the SHELEGRAM for Sept. 1940 to find that:

A freak accident on Sept. 17 brought to an end the record safety stretch of 276 days and 1,906,000 man hours. Cecil Billingslea of the Electric Shop suffered the injury when a sliver of steel flew into his left eye.

Here is the way Shellegram Editor Jesse Collins told about that accident: "Cecil was removing the rim which held the glass front of an instrument case when the accident occurred at 5 a.m. A block of wood nearby was used to tap the rim slightly and the piece of steel is judged to have come from the block. Safety officials stated that such an accident would probably never recur."

On the sports scene, Refinery employees journeyed to the Sunset Grove Country Club at Orange to defeat a team of Norco workers 12 to 2 in a golf match. Among those playing on the Houston team were A. H. Baker, L. R. Brossette, Nick Bailes, Jimmy Long, G. R. Swindell, E. Q. Whitney, J. R. Wacey, George Thorn, F. H. Sparks, Jack Morrison, Bill Read, H. G. Gilbert and G. M. McCawley. Bailes had the best score of the day with an 81.

Short takes from that long ago September issue—

R. W. Smith, then a Topping Plant Shift Foreman, announced the birth of daughter Sarah Jane at 8:42 p.m. on Aug. 27. Sarah Jane, by the way, made a more recent appearance in the SHELEGRAM as an entrant in this year's SERA beauty contest.

Leo Laurent assumed duties as Chief Accountant as A. A.

Once each year the more than 1,500,000 men and women of the petroleum industry make a special effort to carry the story of their competing, privately managed companies and their industry to their fellow citizens.

This special effort comes during Oil Progress Week which this year will be Oct. 13-19. During that period, many employees of our Shell Refinery will be telling the story of the oil industry in this area. This period also gives us a chance to re-evaluate our knowledge and understanding of the industry that supports us and our families.

No matter what job you are doing in the oil industry, you can, and should, be a spokesman for the industry. You should know the answers to the questions your friends and neighbors ask about petroleum. You should be in a position to refute the unfair accusations of monopoly and waste of natural resources which are leveled against your industry by uninformed or misinformed persons.

Such questions as:

What about the supply and conservation of oil?

You should know we are not running out of oil—that proved underground reserves total 33,000,000,000 barrels—some 46,000 new wells are drilled yearly—modern recovery methods make it possible to recover crude from fields that once were thought dead.

Schmittgens was transferred to Wood River.

H. D. Henson and J. D. Murphy left the Lab to join the Marines . . . E. B. Ayers won the dancing contest at a Lab dance with "Foots Wilson grabbing honors by being the judge . . ." Boiler No. 9 in Utilities was christened on Aug. 9 with these words: "May your life be long—your dampers tight, and if you have to pop, don't pop at night."

You should be able to tell questioners that the flow from wells is now limited by law—that wells are spaced out in a field as a conservation measure—that hundreds of new uses have been found for by-products that once were wasted.

What about monopoly charges?

You should know there are 42,000 companies in the petroleum business, many of them in direct and vigorous competition—that in the past 25 years companies competing for a greater share of the market have increased production in the United States by 166 per cent—that each year the industry spends in excess of \$100,000,000 on research to make better products and new products and to keep up with competition.

What about oil company profits?

You should understand that a study by the National City Bank of New York showed that since 1925 the rate of return on oil company investments has been lower than in manufacturing corporations generally. In only five of 28 years did oil company returns exceed those of manufacturing.

What about the drilling of new wells?

You should appreciate the fact that the chances of striking oil with a wildcat well are eight to one against it and it's 43 to one against finding a new field with ultimate re-

serves of a million barrels or more. Costs per well run anywhere from \$50,000 to \$100,000, but companies must keep drilling them to stay in business.

Armed with these facts, you can be a tremendous influence on the attitude of others toward your industry.



The above pictures are representative of the activities enjoyed at the recent picnic held by the Shell Employees Social Club. The Photographer was Gip Gibson of the Refinery Automotive Section.

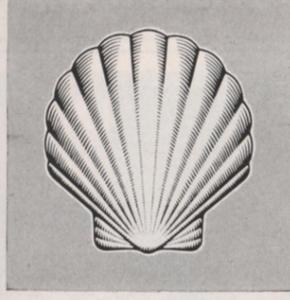
Additive Keeps Diesel Motor Free of Sludge

Shell Oil Company is a new additive in its fuel oil and diesel fuel which prevents the formation of sludge and protects fuel systems from rust and corrosion.

The improved additive utilizes furnace oils and fuels, allowing them to flow freely through the tiny openings in filters, screens, valves, nozzles. An ashless polymeric dispersant, the additive does not leave an ash deposit on heating surfaces and burner controls. Moreover, it requires only one-fifth the amount which was necessary for the additive it replaces—FOA-5X.

The new additive was in Shell Furnace Oil DIESELINER after extensive testing during 1955 and is being used by the Head Office Product Application Dept. During a test period the new additive was put in all furnace oil at Shell's Searsport, Me., Terminal. At selected test locations Shell engineers found that heating systems were as efficient at the end of winter as they were at the beginning.

The new additive was developed and synthesized at Shell Development Company, Emeryville Research Center and is produced at Shell Chemical Corporation's Marine Plant.



shellegram



SHELL OIL COMPANY
HOUSTON REFINERY

SHELL CHEMICAL CORP.
HOUSTON PLANT

UF Donation Goes Further

Every dollar you give through the United Fund buys more and stretches further than you spend all year. Here's how far it goes:

- Child Care 16 cents
- Family Services 16 cents
- Youth Services 20.9 cents
- Health Services 10 cents
- National Agencies 22.8 cents
- Central Services 2.3 cents
- *Year-Around
- Administration 3 cents
- *Campaign Ex-
pense 4 cents
- Losses due to deaths,
removals, unem-
ployment, etc. 5 cents

TOTAL \$1.00

Both are among the lowest amounts for these items in the country.

Shops Building at Chem Plant Being Expanded

Work on the Shops Building extension began last month at the Chemical Plant with the construction of a driveway at the south corner of the building that faces 10th Street. The large parking area south of the building has also been expanded to make room for the 1500 - square foot extension. When complete, the building will be the same height and width as the present building and will extend about 97 feet north to North 18th Street. According to Ray Gasperi, Project Engineer, the work will be completed by Jan. 15, 1958. The extension will house the Welding and Machine Shops. Some of the features to be included in the building are a driveway through the middle of the structure. It will be a two-way drive, east to west, that will facilitate the movement of material into and out of the shops. The Welding Shop portion of the building is to have the best in ventilation for the removal of fumes. The fumes are not dangerous but are unpleasant in a closed area. Extension of the fumes will in no way harm anything or anyone inside of the building. With the Welding and Machine Shops moving into the extension, the entire shops will undergo some changes. The new shops will ultimately give more working room to the personnel located in that area.

You give only once to help many. Give the United Fund through your United Fund.



For last year's effort in raising money for United Fund, Shell received the Industrial Division trophy. On exhibition at all local Shell installations, it now rests in Chemical's cafeteria. Above, John Tench, Refinery Manager (r.), turns cup over to Chemical's UF Co-Chairmen J. H. Ware (center) and J. F. Taylor.

UF Movie Scheduled at Ref.

Here is the schedule for the showing of the United Fund movie, "The Answer."

DATE—	TIME—	PLACE—	FOR—
Tues., Oct. 8, 9:30 a.m.		Cafeteria Annex	Solicitors
Tues., Oct. 8—Refinery Lab will have film for as many showings as necessary.			
Wed., Oct. 9, 9 a.m.		Shops Trng. Room	Opr. Shifts 1-5-X-16-20
Thurs., Oct. 10, 9 a.m.		Cafeteria Annex	Non-Supervisory Staff
Thurs., Oct. 10, 10 a.m.		Cafeteria Annex	Non-Supervisory Staff
Mon., Oct. 14, 9 a.m.		Shops Trng. Room	Opr. Shifts X-5-9-13-17
Tues., Oct. 15, 9:30 a.m.		Cafeteria Annex	Non-Supervisory Staff
Tues., Oct. 15, 6:30 p.m.		Cafeteria Annex	Supervisory Evening Meet
Wed., Oct. 16, 7:30 a.m.		Central Shops	Engineering-Field Personnel
Wed., Oct. 16, 9 a.m.		Shops Trng. Room	Opr. Shifts 2-6-X-13-17

UF Campaign Family Affair

The United Fund is a "family affair," and its volunteers are the heads of the family. More than 10,000 men and women in Harris County are taking time off from their jobs, their businesses and their homes this fall to work in the 1958 UF campaign. And they'll match their "working gifts" with equally generous money gifts. During each year, hundreds of volunteers serve on agency and UF boards and committees, and work in dozens of worthwhile programs. They are the strength of these programs. Another 1,000-plus volunteers spend a year studying and re-studying agency programs in attempting to reach a reasonable, yet minimum goal for the UF campaign. They are the watchmen for each contributor's gift. Last year, 253,620 persons became giver-volunteers. They are stockholders in this area's greatest civic enterprise. The United Fund is a family—a united family.

Giving is the Heart of Living. Give generously to your United Fund.

Takes Much Time, Effort To Operate UF Campaign

Next month when one of your fellow employees approaches you for your donation to the United Fund all you have to do is open your heart and pocketbook to this united charity. It's a simple act on your part, but a tremendous amount of time and effort has been expended to reach this point and much more work will be done before the books are closed on the 1958 campaign. How much work? How much time?

A study of last year's campaigns at the Refinery and Chemical Plant gives an idea of the scope of this effort.

To start with, there were central committees at both facilities—nine persons at the Refinery and five at the Chemical Plant. These groups each held about a half dozen meetings during September and October to outline and plan the campaigns. Add on the 115 solicitors at both plants and that gives a total of 129 persons directly involved in the huge fund raising effort.

However, many others played roles in this campaign. For example, six volunteers manned a sound truck for two hours each during Refinery solicitation. Then there were the men from the Instrument Shop who rigged up the sound system and the taxi driver who drove it around the Refinery.

Members of the stenographic and tabulating sections at both plants put in hours of work preparing reports and publicity items and compiling the results of the drive.

One typical job of the many that had to be accomplished after the drive was that of preparing lists of donations that were to go to definite agencies. These donations had to be computed, broken down into the agencies to which they were to go and then typed lists had to be prepared for submission to United Fund headquarters. The Refinery list alone fills seven pages.

Planning plays an important part in a campaign of this size. Members of the committee had to draw up comprehensive outlines for solicitation procedures, map publicity procedures and work out methods for handling the funds collected and the pledge cards.

Then there were scores of little details that someone had to handle—arranging for scooters for solicitors, setting up and showing the UF movie, establishing campaign headquarters in a central location, preparing and putting up posters and advertising displays.

Even after the money and cards were turned in and the reports to United Fund headquarters compiled, the work of the main committees was not finished. A critique of the campaign made it possible to compile suggestions for future improvements.

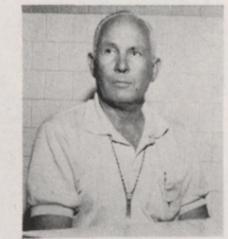
Employees at the Chemical Plant and Refinery devoted some 2,000 man-hours to this campaign. This means your company and your fellow workers gave some 250 working days to the United Fund.

Is it too much to ask you for a little help?

Refinery Committee

Seen below are the members of the Refinery's United Fund committee for the 1958 campaign. In the individual pictures are (l to r) James Landrum (Therm. Crack.), Bob Hill (P&IR) and Bill Snow (Eng.). In the group photo taken at the first meeting of the group are (l to r) D. L. Price (Paint Shop), Charles Maley (Arom.), Jake Kobler (P&IR), George Colvin (Dispatching), Co-Chairman B. B. Dorrell, Q. C. Stanberry (Distilling), Grover Dunn (Paint Shop), Co-Chairman Ed Watson, Eddie Logan (Treas.), Marx Isaacs (Tech.) and Walter Hern (Treas.).

Landrum, Price, Maley, Dunn and Watson were nominated by Local 4-367 O.C.A. W.I.U. to represent it.



Do You Know Your Industry?

How well do you know your industry? Can you answer these questions on subjects which are important to the petroleum industry? Circle the letter corresponding to the answer that you think is most nearly correct. You will find the answers on page 9.

- How much does the average U. S. motorist have to pay for a dollar's worth of gasoline, including direct state and federal taxes?
 - \$1.00
 - .60¢
 - \$1.50
 - \$2.00
 - \$1.20
 - \$1.32
- The average motorist will pay _____ in direct gasoline taxes this year:
 - \$11.22
 - \$22.36
 - \$28.46
 - \$41.50
 - \$56.76
 - \$76.42
- Since 1925, the cost of food has increased 71 percent and clothing has gone up some 66 percent. Gasoline has gone up:
 - 54%
 - 41%
 - 33%
 - 26%
 - 12%
 - 5%
- The average worker earned enough in an hour to buy seven gallons of gasoline in 1948. How much could he buy with an hour's wages today?
 - 3 gallons
 - 5 gallons
 - 7 gallons
 - 9 gallons
 - 11 gallons
 - 13 gallons
- Drilling and construction costs have gone up 60 percent since 1948. How much has the price of crude oil increased?
 - 60%
 - 50%
 - 40%
 - 30%
 - 20%
 - 10%
- How many gallons of gasoline can you buy for \$1.00, excluding taxes?
 - 2½ gallons
 - over 6 gallons
 - 5 gallons
 - over 4 gallons
 - about 3 gallons

Chemical

(Continued from page 1)

Who will receive benefits from your donations? From money collected last year by all local drives throughout the United States, 70 million Americans received health, welfare and recreation service.

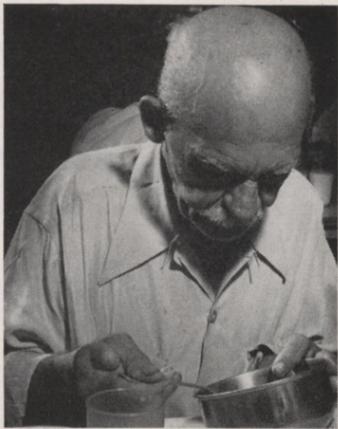
If you have a special organization that you want all your money sent to, indicate this on your pledge card. Sometime during the year you will receive a letter of appreciation from that organization.

Remember the United Fund organization is merely a collecting body made up of citizen volunteers. All funds go to the service organizations who put it to work where it is needed most.

More than 65 per cent of the \$450 million spent by refiners last year for new refining capacity went to improve the quality of gasolines, home heating oils, and other petroleum products.



SHE COULD BE YOUR CHILD—Could you keep fighting and smiling if you were battling cerebral palsy? This little girl can—just as many children are each year. You aren't fighting this battle, but you can help her win. Give now to your United Fund so that she and others like her can be "like other kids." She needs more help now than ever before. Don't let her down.



DOWN, BUT NOT OUT—Yes, he's down on his luck right now, but he's not tugging at your coat, asking for a hand-out. Thanks to the Star of Hope Mission, he's finding solutions to his physical and spiritual needs. You are keeping him and hundreds like him off the streets, out of the "beggar" class. There will be a greater need next year, so give generously NOW to your United Fund.

Giving is the heart of living



Safe working Loaders and Rackmen who work in warehouse adjacent to Epon(R) Resins Plant No. 1 pose for group picture. Left to right (kneeling) are J. H. Denson, M. C. Bryant, D. T. Matheson, N. A. Carrier, C. J. Stasney, J. T. and E. V. Hambrick. Left to right in back are H. J. Schneider, F. E. Alsobrock, M. Swain, C. G. Lewis, L. Thomas, M. L. Martin, L. M. Ford, R. R. Robinson, H. LeJeune, L. E. Avery, G. V. Yancy, and H. L. Janoe.

Refinery

(Continued from page 1)

Zone 2—Dispatching, Distilling, Treating and Thermal Gas.

Zone 3—Thermal Cracking, Boilerhouses 1 and 2, Poly. Gas.

Zone 4—Docks, Cooling Water Towers.

Solicitation in Engineering-Field will be carried on within the various crafts. Elsewhere, and for most staff personnel, it will be carried out on a departmental basis.

Employees have three methods of making a donation—cash; pledge of future payment, or part cash and part pledge.

Pledges may be paid by payroll deductions that need not start until January 1958 and may run through June. If deductions are to be made in more than one month, each deduction must be for the same amount. All deductions must be made in whole dollars.

IBM pledge cards are being printed for each employee and will be distributed to solicitors. When a donation is made, the pledge card will be filled out and signed. A receipt and a UF symbol will be given each donor.

Donations may be made to a specific agency or agencies. Persons who wish to designate where their money should go will be asked to put their address on the back of the card so the gift can be acknowledged by the institution concerned.

Other members of the main committee include Eddie Logan and George Colvin in charge of tabulation; Bob Hill as finance chairman; Q. C. Stanberry, Bill Snow and Walter Hern as general committeemen, and Grover Dunn and Jake Kobler handling publicity.

Foam Sweet Foam

Igloos are usually made of packed snow but they get dirty and weather-beaten and must be rebuilt often. Oil-based plastic foam looks like snow, but it's much sturdier, warmer, and easier to keep clean. Igloos made of petroleum-derived plastic foam blocks are being tried out on Baffin Island, in an effort to make life for the Eskimo "easy as pie."



Shipping Department's safety first Loading Rack men are, left to right (front row) B. W. Weeks, F. Kresta, P. A. Avery, and J. R. Cooper. Back row J. A. S. R. H. Winter, J. C. Stein, and J. M. Nelson.

Shipping Personnel Work 860 Accident Free Days

This month, the Shipping Dept. is being recognized for its good Chemical Plant safety record. The men in this department have worked 860 safe days, to date, without a loss time accident.

A safety record would be meaningless if the type of work performed was completely free of hazards. Primarily, these men handle freight car and drum loading assignments. If care is not exercised in this work, any number of accidents could occur.

Possible hazards in this area are heavy steel drums, volatile liquids, and use of automotive loading equipment. None of these, of themselves, is dangerous but can be made so if improperly handled.

Several months back, J. D. Brazell, Rackman, developed the "drum vent hood" which prevents volatile liquids from splashing when being loaded into drums. It also reduces the escape of fumes given off by the liquids.

It is through the efforts of men like Brazell and every other man in the department that this record is possible.

At the time pictures were being made of the men in the department, several were ab-

sent. Those not pictured are M. L. Stroud, Pumper Loader; E. H. Baker, Rackman; M. Lloyd, Rackman; E. C. Lillard, Loader; J. D. Brazell, Rackman; J. B. McDaniel, Rackman; C. R. Harper, Loader; W. D. Jackson, Loader; F. Curtis, Shift Foreman; and E. Fulenwider, Shift Foreman.

A Moving Force

Ask any railroader what motivates his work and probably nine times out of ten his answer will be "oil." Today, over 26,000 oil-burning diesels have replaced almost 90 per cent of the old-fashioned steam locomotives operating 10 years ago at a great economy in fuel. On an average, one diesel has been able to replace two or three steam engines. Oil-fueled diesels transported an estimated 650 billion net ton miles of goods last year, consuming well over 3½ billion gallons of diesel fuels.

Help for a crippled child. Security for the aged... Training for youth... Care for homeless children... You make all this possible with your generous gift through your United Fund.

Chemical Plant Softball Teams Title Winners

Two Chemical Plant softball teams captured first place in their respective leagues. Shell Chemical No. 1 went undefeated to win in the Industrial League. The Laboratory team was also undefeated in winning the Commercial League title.

Shell Chemical No. 1, after a good season, lost out in the first game of the City Tournament Play-Off. The team fared slightly better winning two games before being eliminated from tournament play.

Members of the Lab team are J. B. Woodard, Laboratory; W. G. Noak, Laboratory; W. Campbell, Operator Shop No. 1; W. U. Woodard, Heavy Equipment Operator No. 1; J. H. Denson, Operator Helper; C. L. Zapp, Shipping; C. W. LaGrone, Laboratory; W. O. Overton, Research; G. A. Summerlin, Millmaker No. 1; R. H. Angeman, Laboratory; J. R. O'Nathan, Laboratory; and D. Fairfield, Laboratory. Team members of Shell Chemical No. 1 are: D. D. Jones, Operator No. 1; E. Cascade, Machinist No. 1; D. Williams, Painter No. 1; F. Deaton, Pipefitter No. 1; J. Goolsby, Operator No. 1; M. Hargrove, Pipefitter Shop No. 1; and L. G. Stan- Painter No. 1.

Chemical No. 1 and the Lab team interchanged players. That is why the Chemical No. 1 roster lacks the proper number of players to make up team.

Plant Golfers Capture Recent SERA Tourney

Shell Chemical golfers crowded the ranks of the front runners in the last SERA tournament. Both the high and low handicap groups had a tie for first place.

A. J. Dugas, P&IR, and V. Talley, Pipe Shop, both netted 69 to win in the low handicap group. The top honors in high handicap went to L. Butler, Pipe Shop, and L. Coppage, Engineering, both scoring a net 70.

Identical scores were not limited to the winners. In the low handicap, there was a five-way tie for second and a three-way tie for third.

After winning the monthly SERA tournament, Dugas went on to win a 36-hole tourney at a local country club. His total for the two rounds was 115.

Shell Chemical was also represented at another tournament held at the Hughes course. In this event, J. W. Myers, Pipe Shop, and T. S. Wisdom, Engineering, placed runners-up in the first flight. J. Talley, Pipe Shop, and J. Irwin, Carpenter Shop, won consolation in the first flight. D. H. Essary, Stores, and R. O. Bryce, Valve Repair Shop, also played in the tournament.



Houston Shell employees and sons taking part in annual Boy Scout Jamboree at Valley Forge this summer included (top left) Refinery Lab Shift Foreman C. F. Spraggins and son David. Top right A. W. Field, Refinery Insulation Shop, pours a glass of milk while son Alfred is on his right and across table in foreground is James Cole, son of H. W. Cole, Officer in charge of Alcohol Tax Unit at Chemical. Center is Wally Chalmers, son of S. W. Chalmers, Refinery Machine Shop. Lower left are Frank Estes, son of H. D. Estes, Refinery E&S Dept. Manager, lifting a hot dog off grill while watching is Jimmy Wallace, son of H. M. Wallace, Refinery Pipe Shop. On lower right seen at water bag are David Spraggins, kneeling, and James Moyers, son of Lube Dept. Assistant Manager J. B. Moyers. On extreme right is David Lewis, son of H. J. Lewis, Manager of Lube Dept.

Shell
Went
Scouting
at
Valley
Forge

Baseball

Shell Men On Top Teams

The Refinery was well represented on the diamond last month when the Stuart's Drive Inn team won the Houston amateur baseball championship from Diamond Alkali, 7-6. Two members of each team, plus one of the umpires, are Refinery employees.

Bobby Schroeder of Automotive got credit for the victory which sent Stuart's into a regional playoff with San Antonio. Other members of the winning team are Roy Pitts of the Tin Shop who plays 3rd base and Sonny Bollman, a son-in-law of Gateman Earl Small, who holds down short-stop.

The Diamond Alkali squad included H. W. "Duke" Ellington of Automotive in left field; Frankie Sparacino, also of Automotive at 2nd base, and Jim Matthews, son of J. W. "Hoss" Matthews (Cat Cracking) behind the plate.

Change of Beneficiary

If your circumstances have changed since you named your Provident Fund or Group Life Insurance beneficiary, you may wish to designate one that represents your current thinking. Should you wish to make a change of beneficiary, ask your supervisor how it can be done.

SERA Slates Sylvan Beach Dance Oct. 18

SERA will sponsor a big, semi-formal dance Friday, Oct. 18 at Sylvan Beach, it was announced by Dance Chairman Juanita Price.

Music for the 8 to midnight dancing will be furnished by Russell Jackson and his orchestra.

Tickets will be sold at the door only at the following prices:

\$3.50 per couple for members.
\$4.50 per couple for guests.

24 Teams Start Winter Bowling

SERA bowling teams from the Refinery and Chemical Plant joined forces this year for one, big 24-team league that got underway Sept. 5. Last year there were two separate leagues.

Operating on Thursday nights at 6:30 p.m. at the new South Park alleys, the league has 12 teams from the Refinery and 12 from the Chemical Plant.

Charlie Stebbins of the Refinery P&IR Dept. was elected president of the league for the 1957-58 season. Al Plant of the Lab Dept. at the Chemical Plant was chosen vice-president at the meeting of team captains following the first night of bowling.

Jack McNamara of the Refinery Technological Dept. will serve as secretary for the combined league. He was Refinery league secretary last season.

Herrens Take Honors In National Ski Meet

Cecil Herren of the Instrument Shop and his son Leroy have again taken honors in water skiing to add to their growing accumulation of trophies and awards.

Last month they topped off a successful skiing season by going to the national championships at San Diego and coming back with two more trophies. Cecil took third place in the veterans (35 years and over) jumping division while Leroy grabbed third spot in the men's division with a leap of 115 feet, the best official jump of his career.

Earlier this year in the regional tourney at Orange, Cecil was first in the veterans group and Leroy took second in the men's division, being defeated by one of the same men who finished ahead of him in the national event.

The Herrens now have a total of 29 trophies or medals which they won in competition. Cecil said he and his son have picked up almost the same number of winning awards, with Leroy getting only one more victory.

There were 107 contestants in the national event, Cecil said, all of them being persons

who had placed in regional competitions or in the national event in the last three years.

Leroy is a member of the Century Club which is made up of water skiers who have jumped 100 feet or more. There are only 31 members of this club in the world.

Alkylation Wins Bowling Title

The Alkylation team continued to monopolize the Refinery's top bowling honors by adding the summer league title to its winter league and tournament crowns won earlier this year.

Two team members also grabbed individual honors for the year as Frank Krupa of Distilling had the high average for men with a 167 and Ann Washburn of the Gas Dept. compiled the high average for women at 158.

Final standings were:

	W	L
Alkylation	32	20
Pipe Dreamers	31	21
Construction	25	27
Machine Shop	23	29
Strike-Outs	23	29
Hi Five	22	30

Risers Win Chemical Bowling League Title

In Chemical's summer mixed bowling league the Risers took first place with the Bermudas second and the Pin-drops third. The other teams in the league were the Rag Arms, the Cavaliers and the Misques.

Finishing three and one half games ahead of the second place team the Risers toppled a total of 31,164 pins. Members of the team are A. J. Dugas, P & IR and his wife Reba, Fred Szopa, Treasury, Russ Burget, P & IR, Bill Shrode, Research, T. K. Stewart, P & IR, Cliff Marshall, Research, and Bob Geiler, P & IR.

The league's two high average bowlers are also members of the Risers. Al Dugas averaged 170 and Stewart, 180. Other high average bowlers were Al Plant, Laboratory, 169; V. J. Talley, Boilershop, 168; Scott Eidt, Research, 163, and George Harlan, Engineering-Drafting, 166.

HOUSTON REFINERY



AROMATICS DEPARTMENT

STAFF PERSONNEL
SEPTEMBER 1, 1957
(Second Of A Series)



TECHNOLOGICAL



CLERICAL



PLATFORMER NO.1 AND AROMATICS CONCENTRATION



PLATFORMER NO.2 AND DESULFURIZER



Summer Men Tour Facilities

The 37 technical and professional summer employees of the Refinery and Chemical Plant (seen in the picture on the right) took part last month in three days of training activities designed to acquaint them with the operations of both facilities.

One day was spent visiting Chemical Plant operating and technical departments with two days devoted to discussions and tours of Refinery departments. The men were also entertained at a buffet style supper in the Refinery Cafeteria to climax the program.

D. B. Burns of the Chemical Plant Laboratory and Marx Isaacs of the Refinery Technological Dept. arranged and supervised the activities.



R. L. Trammell From Lab Dies

Robert L. Trammell, Special Tester in the Refinery Lab, died Sept. 2 after a long illness. He first came to work at the Refinery in June 1948 as a Tester in the Lab. He had been off sick for nearly a year.

New Employees

CHEMICAL Laboratory

G. N. Jorgensen, Chem.
W. L. Neal, Lab. Asst.
Omar Plaisance, Chem.

P. & I. R.

D. R. Cryer, Gateman

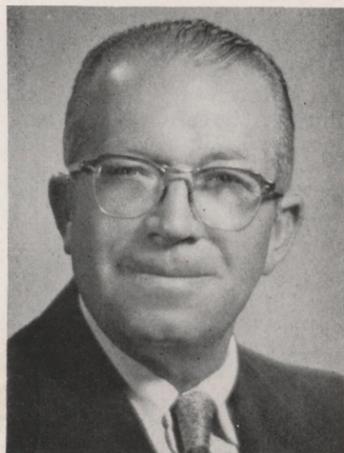
Research

R. A. Greenwell, Lab. Asst.

Treasury

Charlotte Lewis, Typist
Merle Poteet, Steno.
Margaret Netherland, Steno.
Mildred Page, Tel. Operator
Kaye Whatley, Jr. Clerk

Ref's. Joachimi Retires Sept. 1



W. C. Joachimi

W. C. Joachimi, a Shift Foreman in the Treating Dept. at the Refinery, retired Sept. 1 after 28 years and seven months of Shell service.

He started work at the Refinery in January 1929 as a Laborer in Engineering-Field, but moved over to the Treating Dept. in September that year and worked in that department ever since. Joachimi, who makes his home at 403 Pine in Golden Acres, became a Shift Foreman in December 1945.

Fueling the People All of the Time!

Every second of the day more than 1,772 gallons of gasoline were burned last year by the nation's automobiles, buses, trucks, planes, boats, and other gasoline-powered units. Taking the lead in the consumption of this record-breaking 56 billion gallons of fuel was California, with five and one-third billion gallons. Texas followed with four and one-half billion, New York with three and two-thirds billion, and Ohio with just over three billion gallons. Maintaining adequate supplies of gasoline is an ever-present challenge to oil men who continue to break their own remarkable records for filling America's oil needs.

RETURNED FROM MILITARY LEAVE REFINERY

William D. Hargett, Chem., Ref. Lab
Elwin L. Spurlock, Eng., Eng.-Services
Alan J. Ezzell, Clerk, Treas.



shellegram

SHELL OIL COMPANY HOUSTON REFINERY
SHELL CHEMICAL CORP. HOUSTON PLANT

JAKE KOBLER, Editor
(Refinery)

R. L. BURGET, Associate Editor
(Chemical Plant)

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HOUSTON CHEMICAL PLANT



A&B DISTILLATION-AA PLANT



"A" DEPARTMENT

STAFF PERSONNEL
SEPTEMBER 1, 1957
(SECOND OF A SERIES)



A REACTOR



Everyone Talks About the Weather, But Plant Workers Keep Eye on It

Nothing is more unpredictable than fall weather, and especially in Texas. It has been said, "If you don't like the weather here... wait a minute."

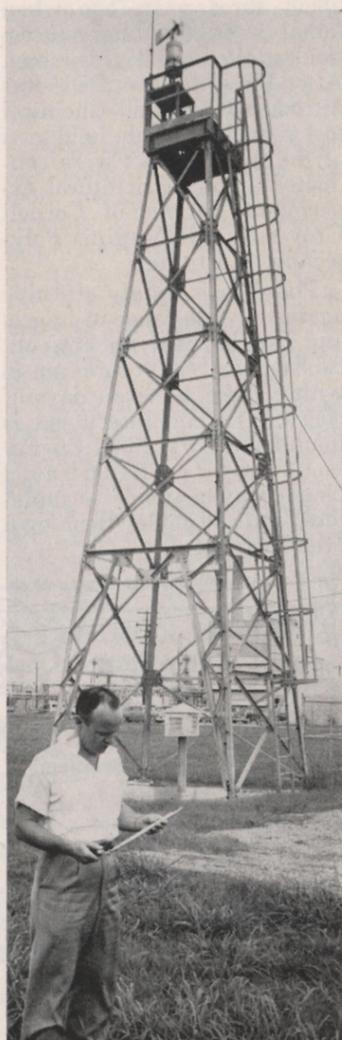
Many sections of the United States must wish that they could wait a minute when they see a tornado coming or hear of flood warnings. Such forces of nature, although not advertised as such, are just as devastating as any nuclear weapon. Scientists say that a small electrical storm gives off more energy than many atomic bombs.

Although there is nothing anyone can do to alter weather conditions, knowing what to expect is valuable. The ladies, knowing whether to expect rain, can plan their wash days. Gulf Coast fishermen can find out if it is safe to go fishing. It comes down to the fact that everyone depends on the weather report.

Many operations carried on at the Houston Plant must wait for the weather report. If there is maintenance work being done on the top portion of a tower, the workers must know if high winds are expected.

The Shipping Dept. may wish to know what the weather is doing out at sea. Hurricane warnings are keeping ships at port, other means of transportation are needed.

In the same line, the Utilities Dept. sends waste disposal barges more than 100 miles



out to sea. When the weather reports show that the sea is expected to be rough or storms are in the area, the trip must be postponed.

Since weather conditions are important to Plant operations, this information is needed not only on a daily basis but on a forecast level as well.

The Houston Plant has three sources of weather information. The first comes into the Plant by wire and gives a complete rundown on wind speeds and directions, temperature, humidity, and of course, all information concerning adverse conditions.

Many people think of temperature as hot at 90° and freezing at 32°. High temperatures are uncomfortable, but the Plant's caustic lines do not wait for a 32° freezing. Caustic freezes at about 40°. If the weather report indicates temperatures of 40° or below, the caustic lines must be emptied until things warm up.

Another source of information is the monthly forecast received by the Utilities Dept. Although they are not completely accurate, they do give a fair indication of

J. C. Wailes, Utilities, makes daily check on temperature and humidity at Chemical Plant weather tower. He also records wind direction by using the instrument shown on top of the weather tower and the plume from the Chemical smoke stacks.



Betty French, Chemical Plant Teletype Operator, has just received a daily wire from weather service that forecasts local weather. This is an important aid to many operations in the Houston Plant.

what kind of conditions will be present during a certain period.

The last "weather vane" is the steel tower south of the cafeteria. J. C. Wailes, Utilities, makes a daily check at this station. The unit registers temperature, humidity, wind velocity and direction.

All of this information is gathered to help plant operations, but weather is like a woman's mind, you never know exactly what to expect, but you are fairly certain it will change at any time.

New Employees

REFINERY

- Bob R. Graham, Res. Physicist
- Joan H. Cooper, Res. Physicist
- Bobby J. Dickerson, Clerk, Eng.
- Marion Dean, Steno., Treas.
- Lucretia A. Burgess, Clerk, Treas.
- Paul D. Hunsucker, Jr., Lab. Asst., Res.
- Richard D. Daeschner, Clerk, Dispatch.
- Walter E. Hale, Clerk, P&I
- August E. Beasley, Jr., Chem., Ref. Lab.
- Mary K. Breaker, Key Punch Op., Treas.
- Jack R. Cox, Engineer, Eng.
- Lynn Boyles, Jr., Blue Print Op., Eng.

Answers to quiz on Page 6.
1, c; 2, e; 3, e; 4, d; 5, e; 6, d.



Some of the 22 art works which hung in the Curnie Wilson home during a recent benefit exhibition are seen above with the artist, Mrs. Wilson. A portrait of her husband is in the upper left corner.

C. M. Wilson Home Filled With Art for Exhibition

Twenty-two paintings in the living room!

The Curnie Wilson home was so equipped last month—and other art work filled most of the remainder of the house too.

Wilson is Zone Supervisor in the Engineering-Field Dept. at the Refinery; Mrs. Wilson is the artist responsible for these pictures.

The Wilsons do not usually have such a large number of her paintings in the house. Friends and relatives graciously returned the works of Mrs. Wilson which she had given them over the years so that she could hold an exhibition for the benefit of two churches.

Signing her work "Madge Wilson," she has not confined herself to paintings which she could give away, but has also done three stunning murals in the house. There is an imposing skyline of Houston in the living room; dainty ballet dancers adorn one wall of a bedroom; a life-like native scene covers one wall of the large den. Mrs. Wilson said the ballet mural alone took some 50 hours of work.

She has been painting for about 20 years and has studied under Peter Emig who is now Staff Artist for the Houston Press.

Although Mrs. Wilson has sold a few of her works and has had at least six on exhibit in the Houston Museum of Fine Arts, she said, "I paint

primarily for my own enjoyment and the enjoyment of my friends. I paint what I like to paint."

And she likes to paint many things including religious scenes, landscapes and excellent portraits.

Mrs. Wilson took up sculpturing only about a year ago, but a statue of Pan in the wonderful backyard gives proof of her artistic ability in this field.

A helping husband must also get credit Mrs. Wilson said as she told about his making frames for her canvases and converting a garage into a neat, little studio. "He gets me anything I need for my work," she added.

Some 115 persons visited the Wilson home during the benefit exhibition which was enhanced by the use of Japanese lanterns in the yard and by a group of young people which provided string ensemble music. The daughters of two Refinery employees played in this group — Ann Sharpe, daughter of C. M. Sharpe (Eng.-Field), and Sandra Jean Pearsey, daughter of L. W. Pearsey (Ref. Lab). Both played the piano.

Prevention is cheaper than care. Help prevent problems by giving generously to the United Fund and the work of its human service agencies.



Graceful ballerinas adorn wall in one bedroom of the Curnie Wilson home, giving proof of Mrs. Wilson's artistic talent.



Mrs. Curnie Wilson relaxes in the backyard of her home in Houston. The statue of Pan looking over the pond is an example of her sculpturing talent.

Phosdrin Market Expands; Fights Insects in New Way

PHOSDRIN* insecticide, one of Shell Chemical Corporation's newest agricultural chemicals, is going into battle against insects that attack sorghum and apples late in their growing season.

The United States Department of Agriculture recently approved Phosdrin insecticide application on these crops up to 14 days before harvest. The Shell insecticide can be used late in the growing season because it kills quickly and then decomposes without leaving a harmful residue on the harvested crop.

The Department of Agriculture approval is significant to midwestern farmers who until now have had no acceptable chemical to control corn leaf aphids and corn earworms that late in the season attack sorghum, a stock feed.

The search for a chemical that would control red-banded leaf rollers on apples began about three years ago when lethal doses of ordinary insecticides failed to kill this insect. After Phosdrin insecticide was introduced by Shell Chemical last year, large-scale field tests of the new product were conducted at the agricultural experiment stations of Cornell University and Virginia Polytechnic Institute.

Phosdrin is highly effective against a wide range of insects and can be used on broccoli, cabbage and lettuce up to within three to seven days of harvest. The insecticide is manufactured at Shell Chemical's Denver Plant and blended by pesticide formulators and sold under their own brand names.

Trademark Shell Chemical Corporation

Food and Fun Set For Veterans Ref Employees

Two more groups of 10-Refinery employees will have all-day programs of food and frolic in October. Latin American Club party was held Sept. 14.

Ten and Over Club members will gather Oct. 5 at Alabama Catering Co. for 10 a.m. to 6 p.m. program while colored employees 10 or more years of service will hold their annual party at the same place Oct. 19.

Other events for the veteran employees this year include choices of tickets to such attractions as a Texas League baseball game, the Rice-Southern football game, the Capades or a high school ball game.

Pictures taken at the Sept. 14 and Over party will appear in October issue of the SHELL with photos of the Oct. 5 and gatherings coming in the November issue.

The two October parties feature the serving of food all day. The menus will be loaded with several types of barbecued meats and all the trimmings. There will also be a snack table set up all day for those persons who like to nibble on shrimp or dip into cheeses and nuts.

Both parties will be held on an "all you can eat basis." The food festivities will be topped by the cutting of large cakes bearing Shell emblems.

Some 1,350 Refinery employees and 86 pensioners are eligible to take part in the and-over activities this year.

15 Years Service



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