

shellegram



SHELL OIL COMPANY
HOUSTON REFINERY

SHELL CHEMICAL CORP.
HOUSTON PLANT

VOL. 24, No. 9

HOUSTON, TEXAS

SEPTEMBER, 1959

UF Drives Open October 6 At Refinery, Chemical Plant

Refinery Goal Set At \$29,891

Refinery employees will be asked to open their hearts and their pocketbooks for the United Fund during the three-day period from October 6 through October 8.

These are the dates when solicitors will visit each employee, seeking his and her pledge as part of the \$29,891 goal set for the Refinery. This year's quota, which is a sizeable increase over the goal last year, is based on the average contribution made by industrial employees throughout the Harris County area in the 1959 drive.

The Houston and Harris County United Fund Campaign is aiming at a goal of \$5,656,739 this year, the minimum amount considered necessary for the operation of the 65 agencies supported by UF contributions.

The UF Central Committee at the Refinery is presently at work mapping out every little detail to assure the success of this year's drive.

As previously announced, Local 4-367, Oil, Chemical and Atomic Workers, has named B. L. White as a Co-Chairman for the 1960 campaign. H. F. Tighe has been appointed as a Co-Chairman by management.

Also named to Committee positions by the Union are G. B. Dunn, D. L. Price, and C. M. Wolters, Engineering Field; J. F. Lee and W. L. Darby, Laboratory; J. F. Landrum, Thermal Cracking, and C. B. Maley, Aromatics.

Management representatives on the committee are L. J. Lambin, Aromatics; E. P. Logan, Treasury; Marx Isaacs, Technological; W. G. Eddleman, Engineering Field, and

See REFINERY UF, Page 2

GIVE NOW

THE UNITED WAY



UNITED FUND



SEATED AROUND the conference table discussing strategy for this year's United Fund Campaign are the members of the Refinery Central Committee. Show here in the usual order are D. L. Price, W. G. Eddleman, L. J. Lambin, C. M. Wolters, Marx Isaacs, L. M. York, G. B. Dunn, T. K. Stewart, Co-Chairman B. L. White, J. F. Lee, Co-Chairman H. F. Tighe and J. F. Landrum. E. P. Logan, W. L. Darby and C. B. Maley, other members of the Committee, are not pictured.

Refinery 10 & Over Party To Feature Chicken Dinner, Rice Football Game

It's that time of the year again!

The Refinery's Ten-Year And Over Service Club members will soon be holding their annual parties.

The Houston Executive Club is the place and October 10th is the date when many Club members will get together to talk over old times and renew acquaintances.

One of the highlights of the party each year is the return of Shell pensioners to enjoy fellowship and food and to welcome the new members to the Club. Last year 36 pensioners returned for the annual get-together.

A special treat awaits Club members this year. Arrangements have been made with the Houston Executive Club to make many of the facilities of that fine club available for members for the party. Those facilities include the Blue Room, Dining Room, Grand Ballroom, swimming pool, golf course, softball field, tennis courts, and horseshoe pits.

The menu for the 1959 party will feature a Texas Style Chicken-In-The-Basket Dinner which includes one-half disjointed fried chicken and six jumbo french fried shrimp.

The hours for the party will be from 11:00 a.m. until 6:00 p.m.

Sam Costa, in charge of golf

arrangements, reports that many of the Club members will be taking advantage of the opportunity to play the Houston Executive Club's excellent course. The golfers will be teeing off between 7:00 and 10:00 a.m. on the day of the party. There will be no greens fee charged to Service Club mem-

bers on this day, although carts and caddies will not be furnished free.

The added attraction this year will be the Rice-S.M.U. football game at Rice Stadium on the night of October 17. A large block of tickets has been distributed to Service Club members for this event.

Alert Action Prevents Drowning At Shellwood

Alert, quick action on the part of the Shellwood Pool life guards and basket boys saved the life of Billy Linn Ashmore Sunday afternoon, September 6.

Billy, 16-year-old son of Mr. and Mrs. B. F. Ashmore, was overcome while swimming in 11-foot of water at the pool. An outstanding athlete in high school, Billy only recently learned to swim.

Fearing that his boy might be in trouble, Ashmore, a Refinery Boilermaker, called to the life guards on duty for help. The life guards, Bud Hilliard and Larry Ross, dove in and quickly brought young Ashmore to the side of the pool.

Although he had been under water less than two min-

utes, Billy was unconscious when he was pulled from the water.

At this point the basket boys on duty at the bath house, Lavell Bolling and Chris Hilliard, brought the resuscitator and oxygen was immediately forced into Billy's lungs. Within fifteen seconds he was breathing normally. After spending the night in the hospital, Bill was released to return home.

Bud and Chris Hilliard are the sons of Fay Hilliard, Refinery P&IR, while Larry is the son of C. B. Ross, Chemical Plant Engineering Field.

This was the first time the resuscitator has been used since its purchase last summer for just such an emergency.

Two Kick-Off Rallies Slated

On Tuesday, October 6, the Chemical Plant's 1700 employees will be asked to join in an all-out effort to reach our United Fund Goal of \$19,058. This is considerably more than employees contributed last year.

M. S. Johnsen, Special Products, and J. W. Peters, Engineering Field, will act as Co-Chairmen and direct this year's drive to raise our fair share of the \$5,656,739 needed to operate the 65 local and national health, welfare and character-building agencies which depend on voluntary contributions for their support. The two chairmen have behind them the active support of both Plant management and Local 4-367 of the Oil, Chemical and Atomic Workers International Union (AFL-CIO).

Campaign Managers this year are C. L. Martin, Phenol department; E. N. Lary, Engineering Field, and K. W. Hansen, Engineering Field, who will head the staff organization. Their job will be to coordinate the efforts of more than 50 solicitors who will contact all available employees on the first day of the drive. Those employees who are not at work Tuesday, October 6, will be contacted by their solicitor sometime before the end of the week.

Employees will again have three alternate methods for making their contributions to the United Fund. Donations can be made in the form of cash or the donor can pledge for a period of as long as 12

See CHEMICAL UF, Page 2

UF Dollar Must Go Far in 1960

Here's how each United Fund dollar will work in 1960:

Child Care	17 cents
Family Services	16 cents
Youth Services	21 cents
Health Services	11 cents
National Agencies	20 cents
Central Services	3 cents

*Year-Around Administration 3 cents
*Campaign Expense 4 cents
Losses due to deaths, removals, unemployment, etc. 5 cents
TOTAL.....\$1.00

*Both among the lowest for these items in the country.

Davenport, Spurlock, Richard Retire; Plans Include Fishing, Home-Building

W. H. Davenport, Louis Richard, and C. J. Spurlock have added their names to the growing list of Shell pensioners. Effective date for their retirement was September 1.

Davenport was employed at



W. H. Davenport

the Refinery on April 14, 1941 as a Laborer. Active for many years in lodge and church work, he plans to continue to devote a great deal of his time to these endeavors. He hopes to do yardwork in his spare time, also.

A month-long vacation trip to Key West, Florida, is first on the agenda in the plans of Richard. After that he intends to retire to his farm near Schulenburg, Texas. His first concern will be the building of a home at his farm site, where the first few months will be spent in a house trailer.

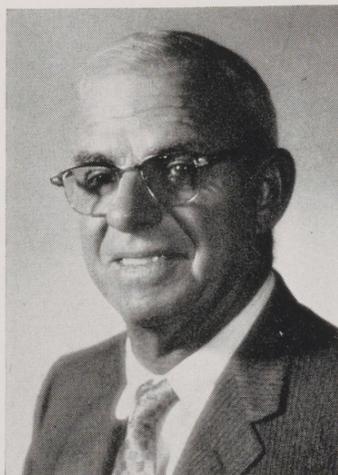
Richard began his Shell career at the Houston Refinery on August 23, 1929 as a Pipe-

fitter Helper No. 1, and recently celebrated thirty years service. In the intervening years Richard rose through the ranks to become Assistant Craft Foreman on July 16, 1946 and Shift Maintenance Supervisor on September 1, 1949. At the time of his retirement he was a Zone Foreman, a position he held since August 1, 1955. Richard was in the armed forces from June 16, 1942 until January 13, 1944.

A leisure life on Carancahua Bay is the aim of Spurlock in his retirement. Following 15 years of accredited Shell service, Spurlock hopes to get in lots of fishing in his 17' boat. Like Richard, Spurlock plans to build a home at his retirement site.

Almost all of Spurlock's career at the Refinery was spent

in the boilermaker craft. Hired on May 18, 1944 as a General Helper, he became a Boilermaker Helper No. 2 on July 28 of that same year. On July 22, 1949 Spurlock became a Boilermaker No. 1 and worked in that capacity until the date of his retirement.



C. J. Spurlock



Louis Richard

Refinery UF Drive—

(Continued from Page 1)

L. M. York and T. K. Stewart, P & I R.

A special kick-off rally will be held in the Central Shops Building for Engineering Field employees at 7:30 on the morning of the first day of the campaign, October 6. At this meeting employees will see a movie about United Fund activities as well as hear a brief talk by Captain Robert Short of the Salvation Army, one of the many agencies receiving UF support.

Employee contributions to the United Fund may be made in three different ways, depending upon the desires of the individual. A cash donation will be accepted at the time of the solicitation; a pledge made directly to the United Fund is another option, while still another alternative is a pledge through payroll deductions here at the Refinery. UF pledges put on payroll deductions may be spread over a period as long as 12-months if the donor wishes.

In reviewing this year's

quota for the Refinery, the Committee noted the increased quota set for this year, and the challenge this offers all employees. It is the conviction of the Committee that Refinery employees will meet this challenge and again soar over the goal set here.

As in the past, solicitation will be made by personal contact with all employees during the three-day campaign period if at all possible. Where schedule conflicts and illnesses make this impossible, a follow-up program will be staged the following Monday and Tuesday, October 12 and 13, in order that everyone might be given an opportunity to contribute.

Chemical UF—

(Continued from Page 1)

months by using either the United Fund system or payroll deduction. Payroll deductions need not start until January 1960 and this year may cover a 12-month period if the employee wishes. For accounting reasons the minimum amount of deduction will be one dollar a month.

The Plant campaign will begin with a big rally for Engineering Field personnel in the Shops Building at 7:30 a.m. October 6. A similar meeting will be held at 8:00 a.m. in the cafeteria for staff employees. Following the rallies, the solicitors will distribute the pledge cards to each employee. These cards should be filled out as soon as possible, showing the amount of the donation, the method of payment to be utilized and, if desired, the specific agency or agencies to receive the donation.

Your United Fund dollar will face a tough challenge in 1960. It will be asked to stretch further than ever before to help more people than ever before. The 65 agencies in the UF family this year must rely on your help if they are to help the less fortunate.

CREDIT UNION PHONE NUMBER

The telephone number of your Credit Union is GR 9-2886.

30 Years Service



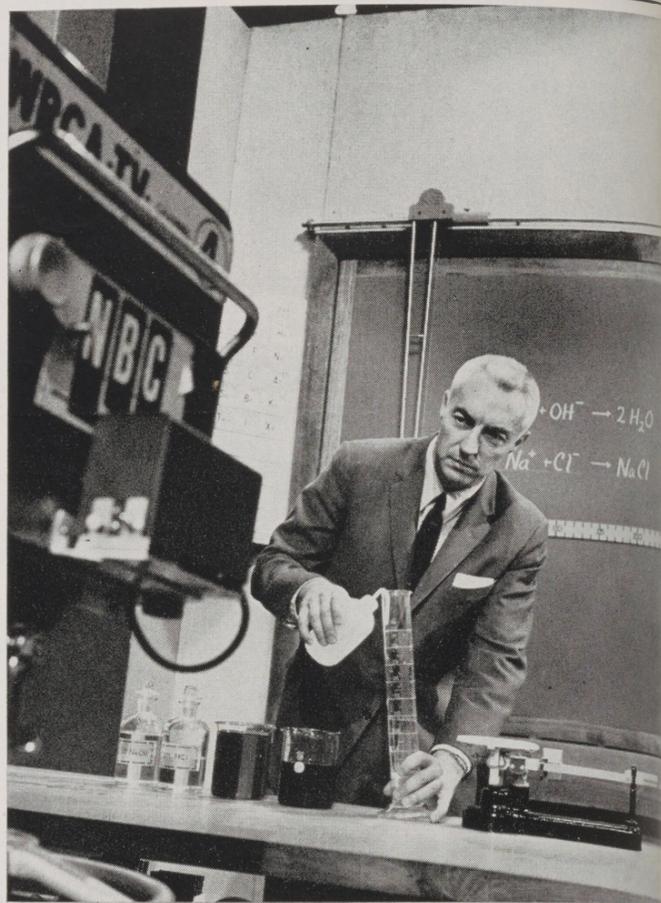
R. D. Miller
Aromatics (Refy.)



W. J. Snow
Eng. Fld. (Refy.)



J. L. Thompson
Distilling (Refy.)



DR. JOHN F. BAXTER, head of the General Chemistry Division at the University of Florida, Gainesville, national teacher of the 1959-60 Continental Classroom course in "Modern Chemistry." The 160 lecture-demonstrations, to be taped in compatible color, began telecasting September 28 over 150 stations of the NBC network, 6:30 to 7 A.M. local time.

Course In Modern Chemistry To Be Given On Local TV

Continental Classroom, the NBC network program for college credit, is offering a course in "Modern Chemistry" during the 1959-60 academic year, beginning September 28, 1959.

Co-sponsored by the American Chemical Society, the American Association of Colleges for Teacher Education and the National Broadcasting Company, "Modern Chemistry" will consist of a study of the fundamental principles of chemistry and a survey of recent developments.

While the course is designed primarily for high school science teachers, anyone may enroll for credit or simply view the telecasts to obtain a better understanding of recent developments in the science of chemistry.

Over 300 colleges and universities in 50 states and Puerto Rico will offer academic credit for the course, which will be televised Monday through Friday by 150 stations of the NBC network.

Anyone who is interested in enrolling for credit should address his inquiries to the Coordinator of Continental Classroom at the following colleges and universities: Abilene Christian College, Austin College, Baylor University, Bishop College, Howard Payne College, Incarnate Word College, McMurry College, Prairie View A&M College, Sam Houston State Teachers College, Southwest Texas State College, Southwestern University, Stephen F. Austin State College, Sul Ross State College, Texas Lutheran College, Texas Tech College, The University of Texas, and West Texas State College.

The 160 lesson series may

be seen from 6:30 to 7 A.M. over Station KPRC-TV.

Dr. John F. Baxter, head of the General Chemistry Division at the University of Florida, Gainesville, will be the national teacher of "Modern Chemistry". He will be assisted in the series of lecture-demonstrations by a nine-member Advisory Committee appointed by the American Chemical Society. Guest lecturers—including several Nobel prize winners—will appear from time to time in the program. Each will discuss the specialized knowledge he helped discover.

All participating institutions will have local autonomy in implementing the program and may utilize the network course at no cost and charge regular tuition.

Both a textbook and a study guide entitled "Modern Chemistry" are available through local bookstores or from Prentice-Hall, Inc., Englewood Cliffs, N. J. The text writing especially for the course by Dr. Baxter and Dr. Luke E. Steffen of Oberlin (Ohio) College, will parallel the lectures. Postpaid cost of the text is \$2.50; of the study guide, \$1.00.

"Modern Chemistry" is the second college-level TV course for credit to be offered on a network basis. Last year's Continental Classroom offering, "Atomic Age Physics," had a viewing audience of 400,000 persons, including 15,000 teachers. It will be run over the network from 6 to 6:30 A.M. local time on Station KPRC-TV.

Those who wish to take the Physics course for credit should inquire whether their colleges or universities in the vicinity are offering it.

FOR SALE—(Owner Transferred)
Three Bedroom House with Two Baths, 3634 Broadmead—Houston. Combination Dining and Living Room. Also has den—one car garage. Asking \$21,000 — Finance either conventional or FHA loan. CALL—JA 9-3818.

TV or Not TV Is the Question For Henderson

Looking for an Indian Medicine Man?

There's one down at the Casinghead Pump House, but he is only a part-time Indian. The rest of the time he is Lee Henderson, a Shell Oil Company Gauger No. 1.

Lee became a sometime Medicine Man because his mother-in-law sews. That, too, may sound peculiar, but it's true.

It all began last year when a group operating under the name Superior Films set out to produce a pilot television film with the hope of selling a sponsor on the idea of producing a whole series of Indian stories. The director of this first film, called "The Carving," was Douglas Mador, a onetime participant in the "Our Gang" comedies.

Lee found out about the production from his mother-in-law, Mrs. Gladys Schnaak, who designed and produced all of the costumes for the show. Thus he became a Medicine Man.

The movie was made along the banks of Clear Creek on weekends and on a strictly part-time basis since most of the participants had other jobs. Other local members of the cast include Curtis Hunt, Chief; Guy Smith, white frontiersman; Jim Bowers, Indian prince and script writer, and Jo King, Indian woman.

In this first episode the frontiersman discovers an Indian mistreating his wife. They fight, and the white man wins. The Indian wants revenge so gets a few braves to help him and plans an attack on the whiteman's home. But the Indian woman, in gratitude, warns the frontiersman of the impending attack, and he is able to repulse the Indians.

This was Lee's first appearance before the TV cameras. In fact, it was his first acting experience, but he liked it so much and thinks so highly of the pilot film (which he and his wife also captured on their own 8 mm film) that he is hoping to be able to see a lot more of that Medicine Man costume.



THIS ISN'T Sitting Bull standing up, but it is Medicine Man Lee Henderson as he appeared in a recent television film.

Chemical Plant Road Gets Super Surface

Completion of work on the Chemical Plant's entrance road represents the first application in this area of Shell Oil Company's EPON* Asphalt Concrete.

Originally developed as an answer to the problem of maintaining airport pavement for jet traffic, this interesting new product combines the best features of both flexible and rigid pavements. It is not affected as is ordinary asphalt pavement when subjected to intense heat or the solvent action of such things as jet fuels, cleaning solvents, or hydraulic fluids.

EPON Asphalt can withstand tremendous weight and concentrated loads and will not rut or shove. It is an easily-laid material that combines great strength with elasticity,

flexibility and durability.

These qualities plus other possible but more intangible benefits were the determining factors in the selection of EPON Asphalt Concrete as the surfacing material for the entrance road. The heavy and sustained traffic would provide an excellent test of the wearing characteristics and maintenance requirements of a conventional road with an EPON Asphalt surface coat. In addition, there was the possibility of increasing sales potential in the Houston area by providing a show place for the new product. Another advantage would be the opportunity to train at least one local contractor in the use of the material.

Engineers F. L. Fredrickson and W. R. Schaefer were given

responsibility for the project and Gulf Bitulithic Company was awarded the contract to lay the 10-inch cement stabilized oyster shell base and the one-inch regular asphalt leveling course. Since Gulf was not familiar with the preparation and handling of EPON Asphalt, Shell rented their facilities and directed this phase of the operation. A team of Shell Oil Company Asphalt Department representatives including R. A. Kralis, Mid-Continent Division Sales Engineer, W. C. Lehigh, New Orleans Marketing Sales Manager, and J. O. Izatt, Head Office Products Application Engineer provided this necessary technical assistance.

EPON Asphalt consists of our EPON® 828 Resin, an EPON Asphalt Additive, and

regular Shell asphalt. When these ingredients are properly mixed together at a suitable temperature they react to form a binder or cement. This binder is then mixed with the mineral aggregates in a conventional asphalt hotmix plant. Job mix formulas are determined by the desired properties of the pavement and are supplied by Shell technical representatives.

Transportation of the mix to the job site was closely controlled by Fredrickson and Schaefer. Characteristics of the mixture used on the Houston Plant road required that it be placed approximately 45 minutes after manufacture.

The 5/8 inch EPON asphalt concrete overlay was laid and rolled with the usual equipment. Contractor personnel commented that, other than being a slightly stiffer mixture that required more rolling, the new material was as easy to place as conventional asphalt.

EPON Asphalt Concrete is an example of a product coming home. It is also an example of Shell research and the Company's efforts to provide the chemical products that are required to meet today's and in some cases tomorrow's problems.

*Trademark, Shell Oil Company



ROAD-BUILDING EQUIPMENT remove the old surface from the Chemical Plant entrance road, before laying a 10' thick cement stabilized oyster shell base. Although the road was to be resurfaced in Epon Asphalt Concrete, the paving procedure followed was the same as used in ordinary asphalt resurfacing.



A ONE-INCH leveling coat of regular asphalt was poured over the oyster shell base. Over this was spread a 5/8" sheet of Epon Asphalt Concrete, which separates this road from the ordinary.



ALL THOUGHT AND READY FOR USE the road was ready for normal traffic 24 hours after the Epon Asphalt Concrete had hardened. Note the dark square on the new surface in the center of the picture. This is a test patch of regular asphalt which will be compared to the Epon Asphalt for wearing qualities.

L. Asbill Becomes Chemical Gateman

L. Asbill, Counter-man No. 1 in Purchasing-Stores, has recently been named as a Gateman in the Plant Protection Section of the Personnel and Industrial Relations Department. His new assignment is effective September 22.



L. Asbill

Asbill joined Shell Chemical in February 1948 as a General Helper and in May of that year transferred into Operations. After various operating assignments, he began working as a Counterman in May 1951.

THANKS

We would like to express our appreciation and sincere thanks to everyone concerned with the near accidental drowning of our son, Billy. We would especially like to thank Larry Ross and Bud Hilliard, Life Guards; Chris Hilliard and Lavel Bolling, Basket Boys; the L. Q. Black family, and the Colonial Funeral Home.

—Mr. and Mrs. B. F. Ashmore

UF "Family" Adds Three New Members

The UF "family" has three new members for 1960, bringing the total number of health, welfare and character-building agencies supported by United Fund contributions to 65.

Joining the UF "family" are: a research team comprised of the Medical Research Foundation of Texas and the National Fund for Medical Education; the Texas Rehabilitation Center (formerly, Gonzales Warm Springs Foundation), and the

Texas Citizens Committee of the National Probation & Parole Association.

The programs of both the Texas and national research groups are devoted to support of "non-categorical" medical research and the development of basic scientific knowledge.

The Texas Rehabilitation Center is a center for the treatment and rehabilitation of Texas children suffering physical handicaps due to accidents

or to disease such as polio, muscular dystrophy, multiple sclerosis, arthritis, cerebral palsy and others.

The Texas Citizens Committee of the NPPA aims at developing economically sound and effective methods for the correction and control of juvenile and adult offenders. This committee was a strong force in the recent establishment of a parole system for Texas.

GUNS FOR SALE

SHOTGUN, Remington, Model 11-48, 12 ga., full choke.
RIFLE, Remington, Model 760, Gamemaster, .300 Sav. Cal.
PISTOL, P-38.
All in excellent condition. Will sell at bargain. If interested call OL 4-9779 after 5:00 p.m.

To provide you with information about... Public Issues Affecting Our Industry

Large oil companies have often been criticized because of the size of the profits they're supposed to have made at the expense of the general public. People read in the newspapers that a particular oil company made millions of dollars in profit. They are impressed by the number of dollars but tend to overlook the fact that the size of the business is correspondingly large.

Let's examine the aggregate figures for the 16 largest companies whose operations are almost entirely domestic. These include Standard of Indiana, Shell, Sinclair, Phillips, Cities Service, Sun, Continental, Tidewater, Atlantic, Pure, Union, Standard of Ohio, Sunray-Midcontinent, Ohio Oil, Richfield, and Skelly.

They do not include Standard of New Jersey, Socony-Mobil, Gulf, Texaco and Standard of California, from whose published figures it is impossible to separate their domestic from their foreign operations. However, there is no reason to believe that their experience in the domestic oil business varies a great deal from that of the 16 largest domestic companies.

Net Profits Compared

The average rate of net profit on the stockholders' investment in these 16 companies over the last five years was 9.7 per cent. Here are some comparable figures for other major industries:

Automotive	14.4%
Chemicals	13.1%
Construction materials	13.2%
Electrical equipment	12.0%
Steel	10.6%

The net profit for all manufacturing industries was 10.9 per cent for the five-year period. In 1958 the domestic oil companies' net profit reached a low of 7.1 per cent.

A large part of the profit earned by business enterprises is needed for reinvestment in facilities and equipment, and as working capital. The remainder is paid to stockholders. For example, a 10 per cent net profit on \$1 billion invested in a company is \$100 million. This is a huge sum, but still only 10 per cent of the billion-dollar investment necessary to earn it.

Moreover, assuming the company is growing at an annual rate of six per cent, \$60 million of this is required just to meet its need to grow, leaving \$40 million for dividends to the stockholders — the owners of the billion-dollar investment.

The fact that oil companies have not kept pace with many other industries in rate of net profit is a matter for increasing concern. It is due principally to the fact that prices of oil products have been low while the prices of almost everything else have been rising rapidly.

Gasoline Price is Bargain

The tank-wagon price of regular gasoline, the industry's principal product, averaged 16.22 cents per gallon in 1958, compared with 15.95 cents in 1953: an increase of less than two per cent. In this same period the cost of finding

and producing a barrel of crude rose about 30 per cent.

Also, quality improvements have been built into motor gasoline without commensurate increases in price. About 40 per cent of the capital expenditures made in the refining branch of the business during this period went for improvement of product quality. One of the results of such expenditures by Shell is that our regular grade gasoline today is identical in quality to our premium grade of 1953.

A motorist who pays about 31 cents a gallon for regular gasoline might believe that the supplying company is pocketing all but a few cents of this retail price, thereby making exorbitant profits. What he doesn't realize is that practically all increases in the retail price of gasoline in recent years have been caused by taxes, which now average 9.04 cents per gallon.

The spread between the tankwagon price and retail price (excluding tax) is the dealer's operating margin — about 5.25 cents per gallon, from which he must subtract his costs of doing business before he can realize any profit on his sale of gasoline.

Refining is Expensive

Finding, producing and processing oil and gas is a very expensive business. To provide the facilities necessary to carry on these activities, the 16 largest domestic oil companies reinvested more than \$1.7 billion in 1958 alone, and these companies also increased their loans from outside sources by \$180 million.

Because of the continuing need for enormous amounts of cash to meet their reinvestment needs, the 16 companies have paid modest dividends for many years. Total 1958 dividends, for example, were \$374 million, or 0.6 cents per gallon of finished product.

The fact is that the successful oil companies are profitable but are not profiteering. They are kept profitable principally because of the technological improvements they have continued to make over the years. These have resulted not only in new and better products, but in improved operations in all branches of the business. The resulting greater efficiency has helped offset rising costs.

On the surface, 1959 gives the appearance of a reasonably good year for the industry. Both sales and profits for the first six months were up, although the latter were still slightly behind 1957 profits.

However, the outlook is for lower prices in the last half. While 1959 net profits should

be better than in 1958, they will probably fall short of 1957. This means that the industry must continue to strive for increased efficiency through improved technology and cost-cutting wherever practicable.

From the public point of view, perhaps the most important thing about cash available for reinvestment and payment of dividends is what is done with it and how it affects people. As we have seen, the aforementioned 16 domestic U. S. oil companies reinvested more than \$1.7 billion in 1958 to maintain their competitive vigor and to meet the energy needs of our country.

Oil Aids Living Standard

Our high standard of living is greatly aided by the abundant low-cost supplies of energy of which oil and natural gas supply 70 per cent. It is not an exaggeration to say that, should the profits of the oil industry fall much below their present levels, the effects will be felt not only by us who work in the industry, but throughout the whole economy since oil companies would not have the money to conduct research, find and produce crude oil, and build necessary refinery and marketing facilities.

Refinery's Hallmark Named To Institute For Certifying Secretaries

L. J. Hallmark, Refinery Personnel and Industrial Relations Manager, has been appointed to the Institute for Certifying Secretaries, representing the field of management. His 3-year term of office began officially this month when he attended the annual meeting of the Institute in Kansas City, Missouri.

The Institute is a department of The National Secretaries Association (International), an organization which numbers among its members secretaries from all parts of the Continental United States, Hawaii, Puerto Rico and Canada.

The purpose of the National Secretaries Association (International) is to improve the standards of secretarial performance, to provide educational benefits, and to sponsor civic and social activities. The principal project sponsored by the Association in its efforts to improve secretarial performance is the certified professional secretaries examination, which is administered by the Institute for Certifying Secretaries.

In his assignment, Hallmark joins with five other leaders in the field of business and industry to represent the field of management in the Institute. In addition to the

Valcik, Wold Move At Chemical As Eberman Goes To New York

J. H. Valcik has been named as Manager of the Utilities Department, Industrial Chemicals Division, in a recent announcement by Chemical Plant Manager Glenn Purcell. He replaces J. W. Eberman who is transferring to Head Office Engineering Department effective October 1, 1959.

Valcik, who has spent his entire Shell career at the Houston Plant, joined the Company in 1946 as a Jr. Engineer. Following various engineering assignments, he was made Assistant Department Manager of Utilities in April 1955. Born and raised in Houston, Valcik holds a B. S. degree in Electrical Engineering from Rice Institute.

Purcell also announced the



J. H. Valcik



J. P. Wold

appointment of J. P. Wold as Assistant Department Manager—Utilities to fill the vacancy created by Valcik's promotion.

Wold has also spent his entire Shell career at the Houston Plant. He was employed as a Technologist in February 1955, and in February of this

year was made a Senior Technologist in the Industrial Chemicals Division. During this period he worked extensively with problems pertaining to effluent control, and wastes disposal. Wold has a B. S. degree in Civil Engineering from North Dakota State College and a M. S. degree in Sanitary Engineering from the Massachusetts Institute of Technology.

Eberman's Shell service dates back to December 1944 when he was a Senior Engineer at the Cactus Ordnance Works. He was named as Head of the Utilities Department there in 1944 and in 1945 transferred to the Torrington Chemical Plant where he served in a similar capacity.

In July, 1947 Eberman transferred to the Houston Plant as a Senior Engineer. He assumed his present duties in 1950.



J. W. Eberman

UF Volunteers From Chemical Canvass Homes

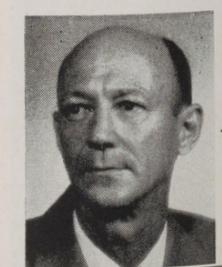
Shell Chemical Plant personnel will be assisting the United Fund Drive again this year by volunteering for work in the general house-to-house campaign.

These employees will be working with residents in District 66 of the United Fund Central Division in soliciting funds from the homes and businesses in that area. The phase of the campaign began October 26 and will last for a period of two weeks.

D. H. Essary, Purchasing and Stores, will serve as chairman and will be assisted by Co-Chairman W. L. Fortum, P&IR. Other Chemical Plant employees who will be District 66 team captains are: J. Powers, Technical Department—P&R Division; A. L. Hammer, Research and Development—P&R Division; J. Croley, Research and Development—IC Division; and R. Johnson, Engineer—IC Division.

J. C. Sims, Shell Chemical Sales—Houston, will also assist Essary as co-chairman.

25 Years Service

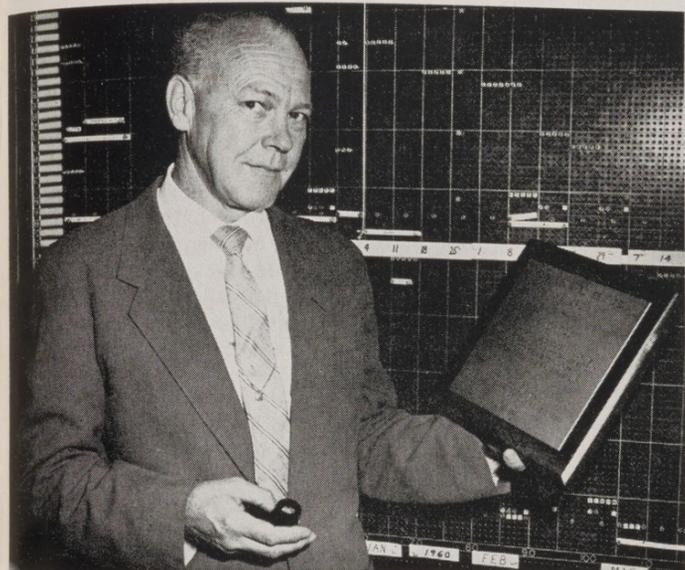


L. N. Harlow
Thermal Cryst.
(Refy.)

J. W. Sanderson
Eng. Fld.
(Refy.)



Macy Honored By Engineering Group For Ten Years of Faithful Leadership



FRED MACY, Refinery Engineering, proudly displays the plaque presented him recently by the Houston Chapter of the American Institute of Industrial Engineers.

For the past ten years Fred Macy, Refinery Engineering, has been one of the guiding forces behind the Houston Chapter of the American Institute of Industrial Engineers.

Recently this local group honored Fred for his faithful years of service to the organization with a Distinguished Service Award Plaque.

Macy was one of three Houstonians named to receive the first such award ever presented by the Houston Chapter. Also named were Dr. Tom Elrod, Chairman of the Industrial Engineering Department at the University of Houston, and Sam E. Scharff of Ernst & Ernst, C.P.A. firm.

It was in 1950 that a group of industrial engineers gathered to form what was to become the forerunner of the present Houston Chapter of the AIIE. Macy was among the charter members of the Houston Society of Industrial Engineers, which became affiliated with the AIIE in 1952 with the formation of the Houston Chapter.

Over the years Macy has held almost every office of significance in the chapter, including a tour as regional vice-president of the AIIE in 1954-1955. In 1957 Fred served as chairman of the annual Industrial Engineering Conference.

A shell employee since 1935, Macy has spent his entire career at the Houston Refinery with the exception of a two-year tour at the Wood River Refinery in 1946 and 1947. He attended Phillips University and the University of Oklahoma before receiving the L.L.B. degree from South Texas College of Law in 1939.

Currently Fred is serving on a joint committee composed of members from all the local engineering societies in an effort to stimulate interest in the study of science in our public schools.

MRS. DUTY THANKS

Mrs. J. R. Duty and daughters Sharon Kay and Debra Jean wish to express their deep appreciation for the help and many kindnesses rendered by their friends at the Chemical Plant and Refinery upon the recent death of Mr. Duty.

Who Owns American Business?

Mr. Shareholder Could Be Your Next Door Neighbor

(Second of a series)

The 1959 *Census of Shareowners* presents a profile of the "Typical Shareholder", and from the information we can draw some conclusions as to just what Mr. Shareholder is like.

Mr. Shareholder is 49 years of age. He has an annual household income of \$7,000. He is a high school graduate.

This year's survey goes one step further by breaking down its facts and figures to reveal the average age of the new shareholder since 1956 to be 35 years of age.

Besides the stock he now owns, Mr. Shareholder has made other investments over the years to assure his financial security. He has life insurance, savings accounts, and is either buying or owns his home. In addition he usually holds some United States Savings Bonds.

One out of every three of these typical shareholders has some type of pension plan.

The majority of these investors were first introduced to stock ownership through brokerage firms, with almost 50% buying their first shares of public corporations through brokers.

Over 21% of these shareholders first acquired stock through the company they worked for, while another 12.9% purchased stock initially through a bank.

The survey, through its pains-taking research, proved untrue the once-popular myth that American business was owned solely by the privileged few.

Mr. Shareholder comes from all walks of life and is not too different from his neighbor next door.

NEXT: The Largest Single Group of Shareowners.

Pasadena Service Center Brings UF Close To Home

The United Fund Service Center in Pasadena, the first multiple agency program of its kind in Harris County, marked its first anniversary on September 2.

Located at 616 South Tatar, the Center fulfilled a United Fund dream by providing under one roof branch offices for UF agencies whose services are in demand in East Harris County.

From the number and variety of agencies now holding regularly scheduled service programs at the Center, facilities at the Pasadena location are being put to good use. Among the agencies with service activities at the Center are Family Service Bureau, Catholic Charities, Vocational Guidance Service, Red Cross, Visiting Nurse Association, Houston Committee on Alcoholism and YWCA.

Services of the Day Care Association and other UF agencies are quickly available through the Center by appointment.

"The Center," says UF President John T. Jones, Jr., "has proven a big step forward in making health, welfare and recreation services more con-

veniently available to people in the Pasadena-Ship Channel area."

This Center gives us visible proof and direct evidence of how our United Fund pledge is being used so close to home.



HIS STEPS ARE IMPORTANT—The slow, agonizing steps this boy must take are important because they lead the way to a precious victory over cerebral palsy. He can't make it alone, but he is doing his part. Do your part toward insuring continued treatments for this boy and others like him by making your fair-share United Fund contribution today. Be fair. Be generous.

School Safety Signs Come To Life Again

This month marked the return of well over 200,000 children to schools in the Greater Houston and Harris County area. That figure alone gives us almost a quarter of a million good reasons why we as motorists must be extra careful while driving these days in school zones.

Many of these children are venturing forth alone for the first time when they leave home each morning for their neighborhood school. Their thoughts probably will not be on the raw dangers that await them on our city's streets. As motorists we must assume the responsibility for watching out for our younger citizens. It is up to us to help make sure that these happy, gleeful little folks are able to return home from school safely each evening.

Drive slowly, it may be your children who are crossing the street.



HAPPY PARENTS congratulate the bride and groom immediately following the marriage of Patricia Ann Scott to Richard John Arkesdan Tench. Standing, from left to right, are the groom, bride, Mr. Vernon C. Scott, Mrs. John A. Tench, Mr. Tench, and Mrs. Scott.

Wedding Trip To England, Wales Follows Marriage of Scott, Tench

Miss Patricia Ann Scott, daughter of Mr. and Mrs. Vernon C. Scott, was married to Richard John Arkesdan Tench, son of Refinery Manager and Mrs. John A. Tench, on August 29 at the Saint Michael's Catholic Church in Houston.

Brian Tench, brother of the groom, served as best man.

Following the ceremony the couple left for a wedding trip to England and Wales.

After their return to Houston, Tench plans to continue his studies at the University of Houston where he is a senior this year. Mrs. Tench is a graduate of the University of Oklahoma.

20 Years Service



I. A. Daniel
Lube (Refy.)



A. M. Gore
Cat. Cracking (Refy.)

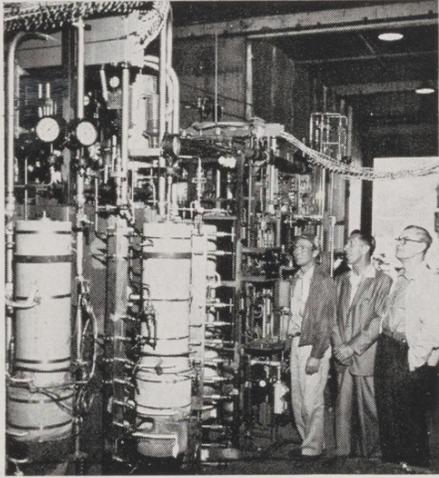


J. Smilek
Eng. Fld. (Chem.)



C. T. Williams
Utilities (Refy.)

New Research Pilot Plant Assembled Here



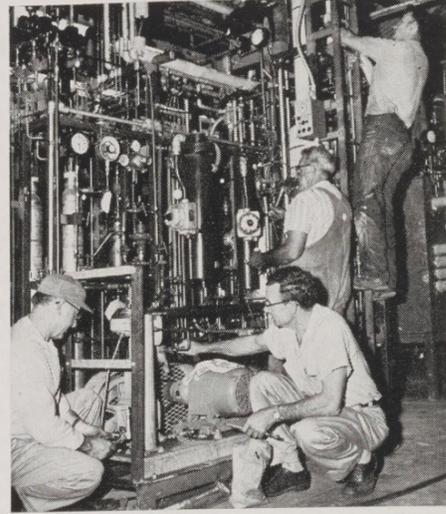
J. P. Murray, far right, Refinery Engineering, inspects the new swing reactor pilot plant at the Lummus Company warehouse. With Murray are Lummus representatives Levi Wells and T. S. DeCuir.

This pilot model had a rather unique beginning in that it was constructed in five separate sections at the Lummus Company location on the La Porte Road, then transported to the Refinery for final assembly by Shell craftsmen.

Built to Shell specifications, the model is presently in operation at the Refinery Research Annex A. The information gained from this pilot plant will answer many questions concerning the reclamation and prevention of loss of expensive catalyst used in various refining processes.



Here we see the reactor section of the pilot plant being loaded by crane onto a transport carrier for shipment to its new home at the Refinery.



When the five sections of the pilot plant reached the Refinery, Shell craftsmen tackled the problem of making the necessary connections and wiring to put the "jigsaw puzzle" together.

In this picture four Refinery pipefitters go about the job of connecting the maze of pipes and tubing needed to make the plant function. Seen here are J. M. Willard, H. G. Roe, J. S. Morris and G. D. Stepp.

This ambitious undertaking marked the first time a large model of this size had been erected in such a manner.

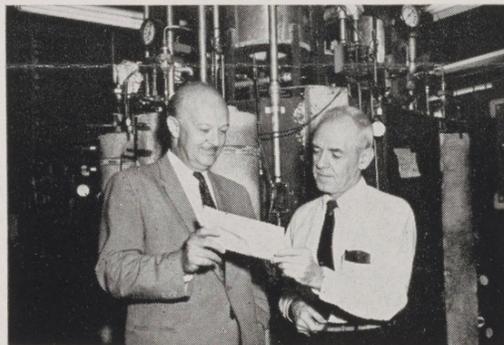


Electricians F. H. Fox, J. C. Parks, and E. M. Perkins had to make many such connections as this before all the loose ends were secure in the wiring of the new unit.



Checking out the network of instruments and dials on the control panel are Instrumentmen W. A. Stabs and H. L. Simon.

The large control panel needed to record the data from the new plant was built in two sections and later assembled upon arrival at the Refinery.



The job completed and the unit ready for operation, Chief Engineer R. Haldane, right, turns the plant over to W. A. Bailey, Research Director.

The deadline set for the completion of the unit was met and operational start-up was able to begin as scheduled, a tribute to everyone who had a part in making it possible.

Pittman Named Safety Inspector



L. F. Pittman

Plant Manager Glenn Purcell recently announced the appointment of L. F. Pittman, Pipefitter No. 1 Engineering Field, as a Fire and Safety Inspector in the P&IR Department at the Chemical Plant.

Pittman came to work as a General Helper in August 1947 and had been in the ber of that year. In his new assignment, he replaces O. B. Hicks who is returning to Operations as Shift Foreman.

Goodwill Industries Asks For Discards

The Goodwill Industries of Houston is one of the many agencies which benefits from the United Fund. This organization provides jobs for the handicapped, allowing these people to be self-supporting.

To carry on this very worthwhile activity, Goodwill Industries asks of us only those things which we don't want—clothing, shoes, hats, toys, furniture—anything that can be repaired.

Anyone who has any items which might be used by the Goodwill Industries can call CA 8-4348 and a truck will be sent out to pick up the discards.

B. N. Peal Takes Top Honors In Monthly Big Bore Rifle Meet

B. N. Peal, Refinery Research, grabbed most of the honors at the monthly match of the Big Bore Rifle Club on August 29.

Firing a .257 Roberts featherweight rifle, Peal captured first place in three of the four events held. In winning the 100-yard bench rest shoot, he laid down a five-shot group within an area small enough to be covered with a nickel. From there he went on to record the top score in both the 100-yard iron-site and 200-yard scope-site events.

B. R. Roberts, Chemical, was the only other winner during the day as he took top

laurels in the 100-yard position shoot.

The next match will be held Saturday, October 3, at 1:30 p.m. at the Big Bore Rifle Range, located on the Genoa-Red Bluff Road.



T. K. STEWART, Editor

Staff Photographers: Sam Davis, Al Locke

Published monthly for employees of Shell Oil Company, Houston Refinery, Shell Chemical Corporation, Houston Plant. Contributions of articles and photographs are welcomed. Address all communications to EDITOR, SHELLEGRAM, Shell Oil Company, P. O. Box 2527, Houston 1, Texas.

Gasoline Taxes Continue Rise

Taxes on gasoline continue to rise this year as more states increased gasoline taxes above 1958 rates. Since January 1, New York, New Hampshire, West Virginia and Ohio have added taxes ranging from one to two cents a gallon.

New Hampshire and West Virginia both increased the six-cent rate to seven cents while New York boosted its tax from four to six cents, and Ohio, from five to seven cents.

The new hikes now bring the average of state gasoline taxes to 6.04 cents a gallon. The Federal tax of three cents a gallon makes a national average of 9.04 cents. Recent legislation has raised the Federal Tax on gasoline to four cents a gallon, effective October 1.

In addition to these increases already adopted, other states have legislation pending to raise present rates. Massachusetts is proposing to increase its rate from 5 1/2 to six cents a gallon, and Pennsylvania, from five to six cents. Measures to permit counties to impose local gasoline taxes not exceeding one cent per gallon are pending in Illinois and California.

During the last two years ten states have raised gasoline tax rates. Besides the ones already mentioned, they include Massachusetts, Nebraska, New Jersey, Rhode Island, South Dakota and Vermont. The effect of the increases has not been fully appreciated by many motorists because gasoline prices have declined more than one cent and a half a gallon during this period.

If gasoline prices increase to previous levels, many people may criticize oil companies overlooking the fact that the real addition to prices has been higher taxes.

Welcome To Houston—

REFINERY Transfers:

- J. H. Moser, Sr. Research Chemist, search, —from Martinez Refinery
- C. E. Beecher, Jr., Technologist, Dept., —from Head Office
- Bron B. Geyer, Technologist, Tech. Dept., —from Head Office
- Donnie S. Anglin, Stenographer, Treas. Dept., —from Houston Div. E. I. du Pont de Nemours & Co., Kilgore, Tex.

New Employees:

- Charles E. McDaniel, Jr. Lab Assistant
- Donna R. Wilson, Jr. File Clerk, Treas. Dept.
- Howard E. Hoelscher, Clerk, Eng. Dept.
- Laura Perry, Nurse, P. & I.R.
- Darlene Marie Flynn, Jr. Clerk, Ref. Dept.

HOUSTON REFINERY



H. F. TIGHE

MANAGER

THERMAL CRACKING DEPARTMENT

STAFF PERSONNEL

SEPT. 1, 1959



W. B. BOYKIN

ASSISTANT MANAGER

TECHNOLOGICAL



T. D. COCHRAN

TECHNOLOGIST



C. W. CROWDER

TECHNOLOGIST



R. E. HARVEY

TECHNOLOGIST



W. W. WRIGHT

TECHNOLOGIST



B. F. COFFMAN

OPERATING ASSISTANT



J. R. RYAN

SENIOR CLERK



M. L. DEATON

STENOGRAPHER

CLERICAL

DUBBS 1-8



R. L. HARDIN

SHIFT FOREMAN



E. B. MADDEN

SHIFT FOREMAN



J. R. DEVEREAUX

SHIFT FOREMAN



E. C. HARRIS

SHIFT FOREMAN



E. R. MEESKS

SHIFT FOREMAN



H. B. PRICE

SHIFT FOREMAN



L. L. HAY

SHIFT FOREMAN



J. C. PHILLIPS

SHIFT FOREMAN

DUBBS 9



R. S. GRASSE

SHIFT FOREMAN



L. A. GRUBER

SHIFT FOREMAN



L. N. HARLING

SHIFT FOREMAN



A. TARVER

SHIFT FOREMAN

UF "Formula" Based On Fair Share Giving

Carl B. Sherman, chairman of the 1960 United Fund Campaign, has appealed to every citizen to give his fair share toward the support of the 65 health, welfare and character-building agencies which depend upon this once-a-year drive.

Here's that fair-share formula:

- Hourly-paid employees: One hour's pay per month while employed
- Salaried employees: 1% of salary to \$12,000
1 1/2% of salary \$12,000 to \$25,000
2% of salary \$25,000 and up

Shell Haze Cream

A quick, easy-to-use automobile cleaner and polish, Shell Haze Cream brings back original paint lustre by safely removing all dirt, film and dead paint from the surface of your car.

15 Years Service

WEAR SAFETY GLASSES

Each year more than 12,000 American workers have some permanent disabling eye accident. In most cases, injury could have been avoided by wearing proper safety glasses.

Shell Foundation Gives to Houston Hospitals

The Shell Companies Foundation, Inc., recently made donations to two hospital building drives in Houston as part of this year's nation-wide charity contributions.

Contributions of \$2,500 each were presented to the St. Joseph's and Methodist Hospital's building drives. St. Joseph's is seeking funds to add 155 beds while the Methodist Hospital plans to increase facilities by 375 beds.

The Shell Companies Foundation each year donates money to local United Fund drives and charity organizations in addition to contributions to national charities and

support of the Shell Merit Fellowship and Scholarship programs.

Oil industry economists predict that by 1965, more than 11 million barrels of crude oil will be produced every day by the nation's refineries—double the 1950 rate.



B. Black
P & IR (Chem.)

R. L. Boyer
Oper. (Chem.)

T. J. Davis
Thermal Cracking
(Refy.)

W. A. Idoux
Eng. Fld. (Chem.)

W. L. Kowalski
Eng. Fld. (Chem.)

E. Mathews
Eng. Fld. (Chem.)



E. C. Mathews
P & IR (Refy.)

J. A. Middleton
Eng. Fld. (Chem.)

W. F. Mooneyham
Aromatics (Refy.)

M. J. O'Neal, Jr.
Research (Refy.)

B. J. Royall
Eng. Fld. (Refy.)

W. C. L. Rodgers
Operations (Chem.)

J. J. Thompson
Eng. Fld. (Refy.)

L. Tolbert
Eng. Fld. (Refy.)

Low Scores Win Summer Bowling Title

The Low Scores, with a record of 31 wins against only 17 losses, were the winners of the summer session of the Shell Mixed Bowling League.

The final night of the season saw two other teams come close to overhauling the front-running Low Scores, only to fall short by one game. The Pipe Dreamers and the Risers finished in a second-place tie with a record of 30 wins and 19 losses.

In fourth place with a record of 29-19 were the Nailbenders, while fifth place went to the Shifters with a 28-20 tally.

The Low Scores boasted two of the higher average women bowlers in the league in Vi Adams with 152 average and Juanita Price with a 147. Vi is the wife of Refinery's H. W. Adams, while Juanita works in the Chemical's Treasury Department. The nucleus of the team was made up of E Operations personnel from the Chemical Plant. Besides team



J. W. ZIMMERMAN, Refinery Utilities, recorded the high game for the season among the men when he turned in a pin-rattling 257.

captain D. R. Johnson, W. C. Tompkins, D. W. Dearing, F. N. McMillan, N. W. Grau, and H. R. Pfeiffer were all E Department representatives on the club.

Ann Washburn, Refinery

Gas Department, captured all individual honors for the women bowlers as she came in with a strong 222 game and 569 series on the last night of the league. This fast finish by Ann raised her average to 162, also high for the ladies.

Betty Dumas, wife of Chemical's W. D. Dumas, turned in the next highest average among the keglers with a 159 mark.

For the men Chemical's A. J. Dugas led the high average parade with a 184 for the summer. Bob Robison, also of Chemical, took top series honors among the men with a 617 total, while J. W. Zimmerman, Refinery, strung the strikes for a 257 single game record.

The Nailbenders nailed down the team scoring honors with high team game and series of 961-2689.

The winter session got underway Thursday evening, September 3, at the Meadowcreek Lanes with a total of 24 teams taking to the alleys.



THE LOW SCORES soared high to capture first place in the Shell Mixed League this summer. Members of the team shown here are (seated) Juanita Price and Adams, while standing are W. C. Tompkins, N. W. Grau and D. W. Dearing. Other team members are D. R. Johnson, F. N. McMillan and H. R. Pfeiffer.

Three Shell Men Play For Semi-Pro Champions

The national semi-pro baseball title rests in Houston this year, and three Refinery ball players had a large share in bringing that crown home.

Roy Pitts, Refinery Tin Shop; Bobby Schroeder, Refinery Automotive, and Frankie Sparacino, also of the Refinery Automotive, all wore the uniforms of the Fed-Mart Federals, winners of the 1959 National Semi-Pro Tournament in Wichita, Kansas.

The victory marked the first time ever for a Houston entry to win the tournament which attracts the cream of the crop of the "almost-pro" ballplayers from throughout the United States.

Sparacino was the regular second baseman in all seven of the games played in the tourney, getting nine hits in 28 appearances at the plate. Roy Pitts was used as a pinch-hitter on six occasions, and came through with three base hits.

Bobby Schroeder pitched four and one-half innings in relief in one game, and added to his effort with two hits in two trips to the plate.

The Fed-Marts mowed down the opposition for seven straight wins in taking the title in the 32-team tourney without a setback.

10 Years Service

Refinery

H. J. Bettencourt, P & R Maintenance

Chemical

K. W. Davis, Technological Dept.

J. H. Wheeler, Stores

Faulkners Guide Super Shell Nine To League Crown

The Refinery's B. J. Faulkner managed the Langford Super Shell Service baseball team to the championship of the La Porte Junior League this summer, but he had to rely on the strong left arm of another Faulkner to assure the victory.

Winners of the first half of the season, the Super Shell team was paired against the La Porte Sailors, winners of the second half, to determine the champions of the 13-15-year-old bracket.

Scheduled to go three games if necessary, Harry Faulkner, B. J.'s 15-year-old son, took the mound for the Shell team in the first two contests, and that was all it took to wrap up the crown. Pitching two complete games in three days, Harry led his team to two quick wins, 13-4 and 8-3.

For the two games, Southpaw Harry struck out 16 batsmen while scattering nine hits.

As the season finale, the Langford team met the Junior League All-Stars. Again it was Harry Faulkner on the hill for his dad's team.

It took the All-Stars eight innings to wear down the gritty left-hander, as the game went into an extra inning before the All-Stars rallied for a 5-3 victory. Even in defeat Faulkner accounted for ten strikeouts, while walking only two.

Other Shell employee's sons playing with the champion Langford's team were Gary Baldauf, son of Refinery Utilities Dept.'s G. D. Baldauf, and Pete Wechtenhiser, son of W. W. Wechtenhiser, Refinery Pipe Shop.



THE PIPE DREAMERS turned on a last night rush to close out the summer league in a tie for second place laurels. Kneeling are H. A. McElroy and Hank Adams, while seated are M. Tooke, Dolores Lezak and T. B. Holcomb. Other team members are R. F. Allen, C. T. O'Sullivan, T. D. Hardy, and Mary Sheffield.



GATHERED AROUND THE SCOREBOARD are members of the team who finished in a second-place tie. Seated are Frank Dumas, Bill Howell, while standing are Fred Szopa, Al Dugas, Stewart and Reba Dugas. Not pictured is W. A. Morgan.

Hayes, Jefferds Combine Talents For Unbeaten Baseball Season

When the Joe Camp Motor's team of La Porte swept through this season undefeated, winning not only the championship of the Major League, but the All-Star game as well, much of the credit had to be given to the terrific one-two pitching combination of Bobby Hayes and Roy Jefferds.

Indeed, Bobby, son of Refinery Engineering Field's A. J. Hayes, and Roy, 12-year-old son of Dispatching's K. B. Jefferds, were an entire pitching staff all rolled up into two.

Undefeated through fourteen straight league contests, and the unchallenged champs of their league, the Motormen went on to meet and defeat an All-Star nine picked from the other teams in the league.

Final score in that All-Star game was 2-1 in favor of the Joe Camp Motors, and it was again the Hayes-Jefferds combination which handled all the mound chores for the victors.

In working the first five innings, Hayes struck out 11 of the 18 batters to face him. He

walked only one, and allowed only one hit.

In the sixth inning, Roy Jefferds came on to spin his fast ball by the three batters to face him for three strikeouts. Roy needed only fourteen pitches to retire the side.

Over the course of the season, their pitching records were no less sensational. Roy's dad, who became some sort of official statistician for his boy this season, tabulated a total of 84 strikeouts in 37 innings for Young Roy in this his first season as a pitcher.



BETTY DUMAS, wife Chemical's W. Dumas, shows the form which earned her one of the highest averages in the Shell Mixed League summer session.

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