

# shellegram



SHELL OIL COMPANY  
HOUSTON REFINERY

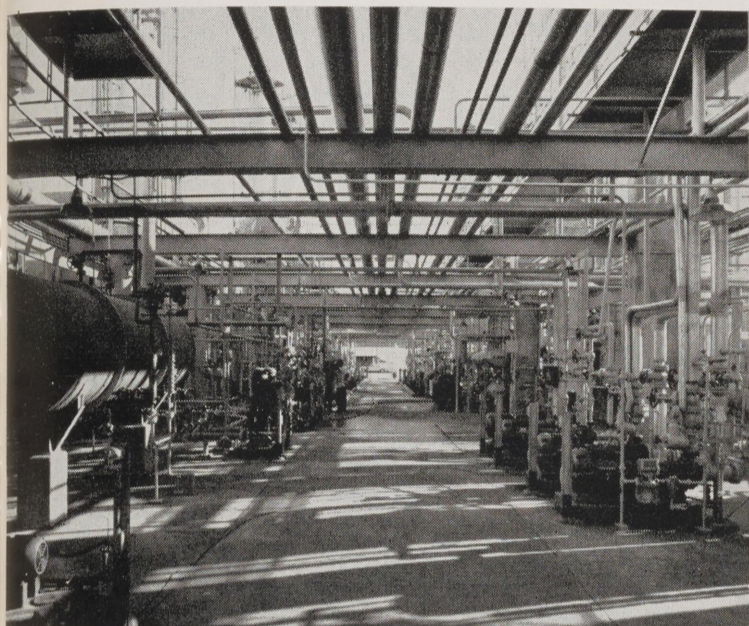
SHELL CHEMICAL CORP.  
HOUSTON PLANT

VOL. 24, No. 11

HOUSTON, TEXAS

NOVEMBER, 1959

## New Phenol Unit Goes On Stream



THIS GENERAL VIEW of the Chemical Plant's new Phenol Unit shows some of the complex equipment required in the manufacture of Shell Chemical's newest product.

Contract construction work has been completed by the M. W. Kellogg Company on the Chemical Plant's new Phenol Unit and by the Fluor Corporation on the related off-site facilities.

Water runs were performed during the first two weeks after take-over from the contractor in order to prepare the unit for operation before the hydrocarbons were introduced. The first run of specification product was completed October 29, approximately six months from the starting date of construction.

The new plant is designed to utilize a process licensed from Hercules Powder Company to manufacture phenol by the cumene route. In this process, benzene and propylene from the Houston Refinery are reacted in a series of steps to yield phenol and acetone.

The greater part of the new plant's phenol production will find captive consumption in the manufacture of Bisphenol-A (BPA) here at Houston. BPA is a major ingredient of Shell Chemical's EPON® Resins. It will also be used by Shell refineries for extraction of aromatic compounds from lube oils and in the removal of toluene and benzene from platformate.

Acetone from the new unit will also be utilized by the Houston Plant in the manufacture of BPA and will augment our present production.

Phenol is a white, crystalline chemical with a sharp distinctive odor, which before the development of synthetic manufacturing processes, was recovered in the course of coal tar processing operations.

## Refinery, Chemical Plant Soon To Get Gas From Sheridan

Gas from wells in Shell Oil Company's Sheridan Field will soon furnish half of the fuel-gas requirements for the Houston Refinery and Chemical Plant.

Beginning February 1, 1960, Shell's Sheridan Gas Plant will supply approximately 50 million of the 100 million cubic feet of gas required daily by the furnaces at the Refinery and Chemical Plant.

The remaining half of the fuel-gas requirements will be purchased from the Houston

Pipe Line Company, which will also transport the gas from the Sheridan Plant to the Refinery and Chemical Plant, some 90 miles away. The Refinery and Chemical Plant are currently buying their gas from the United Gas Pipe Line Company and the Houston Pipe Line Company.

The Sheridan Plant also sells 50 million cubic feet of gas daily to the Iroquois Gas Corporation. To handle its increased gas sales, the Plant is installing additional dehydration and delivery facilities.



Shell Chemical Corporation President R. C. McCurdy and Chemical Plant Manager Glenn Purcell discuss some of the changes that have been made at the Houston Plant since his last visit. Mr. McCurdy stopped in Houston for a general plant visit before going on to Los Angeles for the General Engineering Meeting.

## TANKER AFIRE IN SHIP CHANNEL



SMOKE FROM THE blazing tanker Amoco Virginia, could be seen from miles away. This graphic aerial view was taken by Shell Photographer Forrest Adrian. Visible at the upper right of the picture is a portion of the Houston Refinery.

## Shell Sends Foam, Equipment To Site Of Ship Channel Fire

An emergency call for foam to fight the fire aboard the blazing tanker, Amoco Virginia, in the early morning hours of Sunday, November 8, brought an immediate response from Shell firefighters at both the Refinery and the Chemical Plant.

Notified of the urgent need shortly after 4 a. m., Refinery and Chemical Plant personnel hurriedly went about the task of loading the foam to be rushed to the fire.

At the Refinery 1000 gallons of Aerofoam solution was loaded on a truck, while at the Chemical Plant a supply of 20,000 pounds of Single 99 Foam powder was readied for immediate delivery. The Refinery foam truck, with another 1000 gallons of Aerofoam solution, accompanied the supply of foam to the blaze.

A Refinery fire crew consisting of E. Duke, C. V. Washmon, A. C. Koym, and S. M.

Giamalva was rushed to the scene by Fire & Safety Manager L. J. Grossheim. Fire & Safety Inspectors H. M. Miller and I. C. White drove the foam truck.

Before 6 a. m. the liquid and powder foam from Shell was at the ship and available for use. The foam truck and its equipment, as well as the fire crew, were also made available to fight the blaze.

When called upon as a member of the Ship Channel Disaster Aid Group, both the Refinery and the Chemical Plant stand ready 24 hours a day to lend assistance in event of just such an emergency to member industries along the Channel.

## Petroleum Handbook Late Being Delivered

"The Petroleum Handbook", 4th Edition, is not expected to be ready for distribution much before the end of this year, and it is possible that delivery will not be until the early part of 1960. This is the status of the publication ordered by a number of employees earlier this year. Head Office advises the delay is due to production difficulties.

## Final Refinery UF Tabulation Sets Contributions At \$30,042

Refinery United Fund contributions reached a record high of \$30,042 for the 1960 drive. That is the final tabulation as reported by the United Fund committee.

Among the many highlights of this year's campaign were these: the 93.9% participation stands as a new record; the amount contributed per contact exceeded last year by 23%; the average contribution per contact this year was \$11.51; and six departments reported 100% participation by its members.

Departments reaching 100% in participation were Effluent

Control, Engineering Office and Industrial Engineering, P&IR, Technological, Treasury and Gas. The Technological group did an especially outstanding job, collecting

See Related Pictures, Page 3

224.9% of their minimum quota for an average contribution of \$25.83 per contact.

A victory celebration buffet dinner for the solicitors and UF committee members was held on November 4 in the Refinery cafeteria, with Refinery Manager J. A. Tench the host.

## What's Inside

- A Dream Trip To Europe Page 2
- Homecoming In Deer Park Pages 2, 4, 5
- Service Parties Pages 6, 7
- Football From The "Inside" Page 8

## Dream of Vacation In Europe Comes True For Ety Mathews

A 17-day vacation trip to places with names hard to pronounce and sights almost impossible to describe sums up Ety Mathews' views on her recent vacation "wonder" trip to Europe.

Many people dream of just such a vacation, but for Ety, of the Refinery P&IR Department, this dream came true the moment the giant KLM luxury airliner cleared the runway at the Houston International Airport. For crammed into the short space of the next 17 days was a never-ending chain of sight-seeing attractions and eye-opening spectacles, the likes of which Ety finds difficult to describe.

The trip, a Royal Circle Tour, was arranged by the KLM Royal Dutch Airlines. Ety boarded the KLM airliner here for the flight to Amsterdam. From Amsterdam, the touring party, some 30 persons in all, began a 1500-mile motorcoach trip across Europe, seeing and visiting sights in The Netherlands, Belgium, Germany, Austria, Switzerland, Italy, and France.

Trying to pick out particular places of interest in the trip are impossible, for as Ety describes it, "Everything we saw — every place we visited seemed more beautiful than the one before."

But there were some things, Ety does remember as outstanding in a vacation trip filled with exciting moments.

Amsterdam, with its immaculately clean, stately homes, its beautiful flowers, and "more bicycles than I'd ever seen before," stood out as a highlight of the trip. While in Amsterdam the group took a boat trip through some of the numerous canals that lace the landscape of this beautiful old city.

The tour led on through Brussels and Belgium, through Trier, the oldest town in Germany, and on to Boppard where the party boarded the

Rhine Steamer for a trip upstream on the Rhine River. Here again, Ety points to this steamer excursion as a vacation highlight. Majestic trees dotted the countryside along the banks of the Rhine as old, ancient castles lay in the background to give a backdrop of medieval magic.

Not to be forgotten soon, either, was the visit to Venice, the Italian city built on 117 tiny islands. San Marco Square presented a magnificent sight. And what would suit a visitor's fancy more than being serenaded during a moonlight ride in a gondola? Those moments are now memories.

Ety recalls with fond memories her first impression of the Swiss Alps and the breath-taking beauty of these white-capped giants. At Lucerne, Switzerland, the group had a delightful day sight-seeing and marketing.

To climax the trip, the tour led to Paris. Here, in what Ety describes as a city unparalleled anywhere in the world, she spent two days and two nights, enjoying the sidewalk cafes, browsing through the small Parisian shops, and visiting such sights as the Cathedral of Notre Dame, Arch of Triumphs, the Louvre, Eiffel Tower, Napoleon's Tomb, the Tomb of the Unknown Soldier, and many other interesting points.

From Paris Ety flew via KLM to Amsterdam and from there the return flight to New York brought to a conclusion the magic carpet trip to Europe. Before returning to Houston, however, Ety spent several days seeing the sights of New York City, which she describes as "fabulous."

Asked what the most beautiful sight of the entire trip was, as she stepped from the Delta Airliner at the Houston International Airport, Ety unhesitatingly replied, "The Houston skyline."



RETURNING HOME after a vacation in Europe, Ety Mathews of the Refinery P&IR Department poses with Delta Captain T. R. Outland, who piloted the airliner on the last leg of the journey from New York to Houston.



PREPARING TO MAKE their selections from the attractive display counter are G. L. Colvin, Tech. Dept.; L. G. Hamilton, Engineering Office; M. Manis, Tech. Dept.; T. S. Lighthouse, Engineering Office; and H. A. Arnett, Engineering Office.



AMONG THE OPENING-DAY patrons at the Refinery Cafeteria were L. K. Brown, P. B. Hayes, and P. A. Shuptrine, all the Engineering Office.

### At Refinery

## "New Face" of Cafeteria Greets Employees Following Extensive Remodeling Project

A remodeled, modernized cafeteria greeted Refinery employees on the morning of November 2.

Closed since August for an extensive remodeling program, the cafeteria now offers patrons an atmosphere of tasteful elegance for their dining pleasure. Soft music from the cafeteria audio-system is another addition which has met with the approval of employees.

One long serving aisle was installed in the cafeteria, replacing the two shorter aisles in the old structure. The extra-wide aisle encourages employees to pass one another as they move through the line, thereby speeding up the serving process for everyone.

Colorful plastic contour

Small children should never be left alone in the house, fire statistics reveal. Almost 30 per cent of all child deaths in home fires involve unattended children.

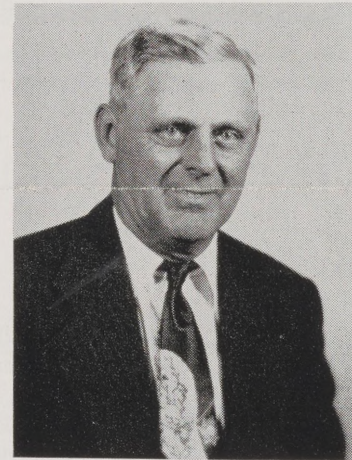
chairs and white formica-top tables add to a color scheme of natural samaca wood paneling blended with a plastic wall covering of coral red and white.

A self-bussing conveyor system enables each employee to

return the used trays and dishes to the dish-washing area quickly and conveniently.

In charge of this extensive remodeling program was Project Engineer J. H. Robinett, Refinery Engineering.

## Refinery's Ansel J. King Dies



A. J. King

The Refinery's Ansel J. King died on October 31 following

a brief illness. He is survived by his wife and two children, Mrs. Lucille Jones and Robert S. King, all of Pasadena. A deep expression of sympathy is extended to his family by the many friends of Mr. King here at Shell.

Employed in 1936 as a Carpenter No. 2, Mr. King transferred to the Thermal Cracking Department in June 1938. After his first assignment as a Pressureman, Mr. King worked in various classifications within the department, becoming an Operator No. 1 in 1946.

### 35 Years Service



E. J. Wollard  
Eng. Fld. (Refy.)

Flammable liquids usually give off explosive fumes. Use these liquids only in a well ventilated place far away from open flames, sparks or lighted tobacco.

#### FOR SALE

ACCORDION, almost new, original cost \$340 — will sell for \$150. Contact L. J. Schumacher, Refinery Machine Shop, Ext. 662.

### Crowned Homecoming Queen



LYNETTE HANDRICK, daughter of Refinery Lube Department's A. A. Handrick, crowned Homecoming Queen during halftime ceremonies at the Deer Park-S. Fe football game. Placing the crown on her head is Garry VanTreas, while on right is Tommy Cole of the Deer football team.

### Who Owns American Business? Employee Purchase Plans Popular Way To Buy Stock

The rapid rate of growth among the total number of people now owning a share in American business is due in no small measure to the various employee stock purchase plans which have become so popular in recent years.

Of the millions of individual shareholders in America today, over 21% (2,500,000 shareowners) first became acquainted with this type of investment venture through company plans where they were employed.

The 1959 *Census of Shareowners* reports an even larger proportion of the new shareholders learning of stock acquisition through this method. Since 1956, 27% of the new shareowners bought their first issues of stock through stock purchase plans sponsored by their employers.

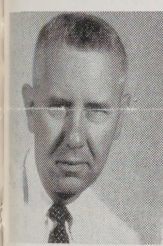
An estimated 1,340,000 shareowners are now investing regularly through stock purchase plans, further evidence that Americans are continuing to accrue vested interests in the business concerns of our nation.

Through the Equities Fund in the Shell Provident Fund, Shell employees are likewise investing in American business. The units owned in the Equities Fund represent common stock in American corporations.

In this series of articles taken from the findings of the 1959 *Census of Shareowners*, the question of "Who Owns American Business" has been explored in the light of the multitude of data collected in the study.

We have seen that American business does indeed belong to the American public. Shareholders, both direct and indirect, exceed 132 million Americans. It is little wonder that we view with concern the future welfare and success of our country's business enterprises, for as these business concerns thrive, so do we.

### H. J. Jacqmin Transferred To New York Assignment



H. J. Jacqmin

Refinery Manager J. A. Tench recently announced the transfer of H. J. Jacqmin to Head Office Manufacturing Operations Department in a move which became effective November 23.

At the time of the transfer Jacqmin was an Assistant Manager in the Aromatics Department, a position he held since September of this year. Jacqmin came to the Houston Refinery in September 1957 as Assistant Manager, Catalytic Cracking Department.

A graduate of the University of Wisconsin with a B. S.

degree in Chemical Engineering and of the Massachusetts Institute of Technology with an M. S. degree in Engineering Administration, Jacqmin joined Shell at the Wood River Refinery in November 1947.

After holding various technical assignments at Wood River, he was transferred to New York where he remained until the move to Houston.

In his new assignment he will be responsible for studies relating to optimization of overall manufacturing activities.

### 10 Years Service

#### REFINERY

Collins, B. R., Research  
Dunn, R. C., Distilling

## Brady, Braud, Szopa Promoted To New Positions In Chemical Treasury Changes

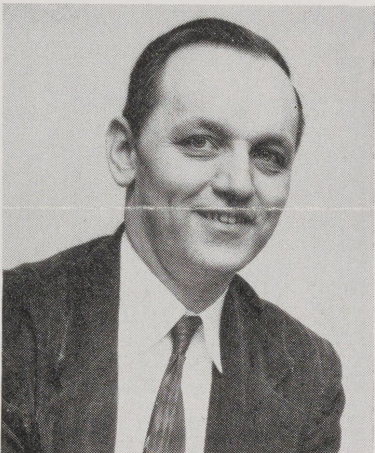
Several changes in the Chemical Plant's Treasury



W. W. Hollifield

Department were recently announced by Plant Manager Glenn Purcell.

Two new departmental positions were filled by the naming of W. W. Hollifield, Supervisor, Cost Accounting, as Senior Programmer, and F. J. Szopa, Accountant, General Accounting, as Auditor. As Senior Programmer, Hollifield will be responsible for developing machine procedures for the processing of data in



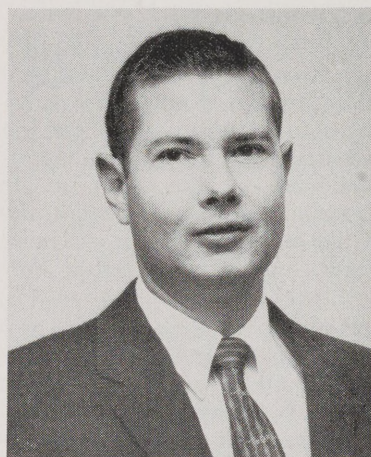
F. J. Szopa

financial and technical applications. This recognizes the increasing importance of electronic data processing in our day-to-day plant activities.

Our growth in size and complexity of operations plus recent divisionalization emphasized need for strengthening

and continuing a comprehensive internal auditing program. Creation of the new auditor classification will help to insure that the Plant is maintaining the fiscal controls which are necessary for efficient operation.

Szopa started with Shell in May 1948 as an Operator Helper in E Department. He was released in 1949 to return to school. Upon completion of requirements for a B.S. degree in Accounting from the University of Utah, he returned to the Plant in October 1952



K. C. Braud

as a Clerk in the Treasury Department. Since that time, he has held various assignments covering most phases of Treasury work.

Purcell also announced the promotion of W. P. Brady, Clerk-Cost Accounting to Supervisor - General Accounting, and K. C. Braud, Accountant-Cost Accounting to Supervisor-Cost Accounting. Both have spent their entire Shell careers performing various assignments in the Houston Plant's Treasury Department. Brady started as a clerk in August 1953 following his graduation

from Baylor University with a B.B.A. degree in Accounting.



W. P. Brady

Brady, who holds a B.S. degree in Economics from Rice Institute, came to the Plant in July 1951.

### D. R. Wolf Joins Houston Refinery

D. R. Wolf, until recently an Auditor on the Head Office Auditing Staff, has been named a Senior Programmer in Refinery Data Processing, according to a recent announcement by Refinery Administrative Superintendent P. E. Keegan.

It is anticipated that Wolf will assume the now vacant position of Chief Data Processor when G. L. Cross leaves for a new assignment in Head Office Data Processing around the first of February. At the present time Cross is coordinating data processing activities in the Refinery.

A graduate of Southwestern Louisiana Institute in Lafayette, Wolf joined Shell at the Norco Refinery in May 1955. He held various assignments in the Norco Treasury Department before transferring to Head Office as an Auditor. Wolf headed the audit team which recently completed an audit at the Houston Refinery.

**FOR SALE**  
1957 Buick Century, 4-Door, Two-Tone Green & White, Equipped with Power Brakes, Power Steering, Air Conditioning, Heater & Radio. Cash Sale. Call GR 9-2956, or Shell Ext. 330.

## Shell Gets First Place Award In Employee Report Contest

Shell has been awarded First Place in the Sixth Employee Annual Report Contest sponsored by THE SCORE, a nation-wide publication for industrial editors.

The Shell entry, competing with entries of hundreds of industrial firms, consisted of exhibits of how Shell employees are informed on a continuing basis of the activities and problems of their Company.

There were 43 exhibits in the Shell entry, including the April (Annual Report) issue of SHELL NEWS, The Shell Oil Company Annual Report, and samples from Shell employee newspapers, employee meetings, posters, special letters and booklets.

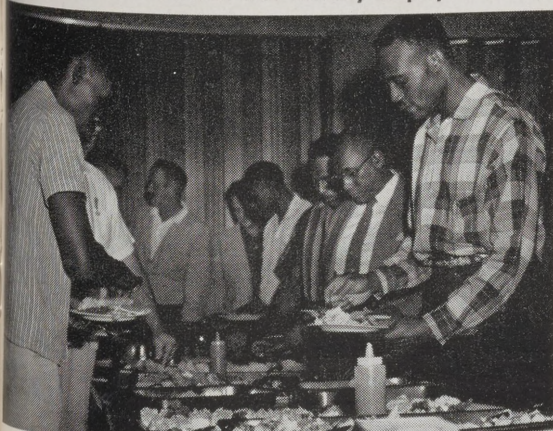
Contest judges were Professor Charles E. Barnum, Medill School of Journalism, Northwestern University (journal-

istic quality); Carl C. Harrington, editor-in-chief, MILL & FACTORY, New York City (plant-level acceptance); Abril Lamarque, artist and designer, New York City (type selection, design and layout); Edward C. Logelin, vice president, United States Steel Corporation (the effectiveness of the management message); and John A. McWethy, managing editor of THE WALL STREET JOURNAL (quality of financial statements).

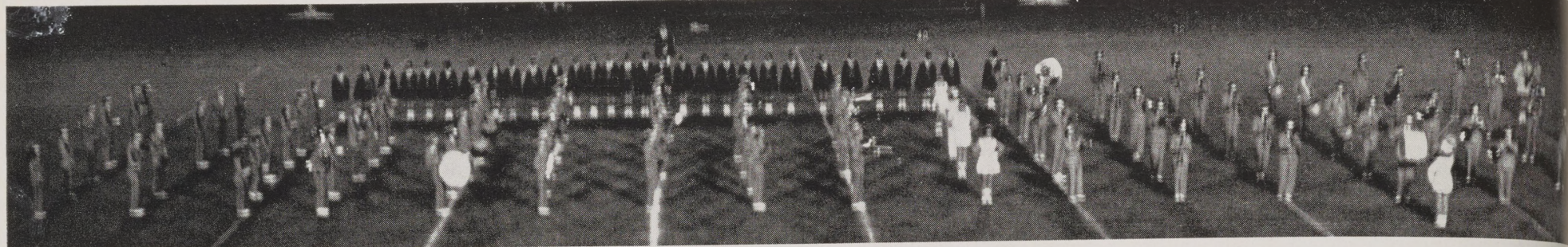
Among the Meeting Plan exhibits in the Shell entry was a program produced at the Houston Refinery to acquaint all employees with pertinent facts about the oil industry and its importance to the nation's economy. This program, entitled "A Story of People and Progress", was presented in October 1958.



THE REFINERY CAFETERIA was the scene of the victory celebration buffet given UF solicitors and committee members following the announcement that Refinery employees had pledged a record high \$30,042 in the 1960 drive.



# Homecoming In Deer Park...



## "Football Fever" Strikes At Deer Followers

"Football Fever" is an annual epidemic around Deer Park. The symptoms begin to appear long before the autumn leaves start to fall, reach epidemic proportions in October and November, then taper off as the Christmas season approaches.

It is a situation which Deer Park folks point to with pride, a state of mind that comes from a rich football heritage that includes two state championships and perennial powerhouse.

Causing all the clamor is the Deer Park high school football team — a group of young men who over the years has made football an institution for the followers of the maroon and gold.

### Football A Tradition

Coached by Travis "Shorty" Hughes, these proud gladiators of the gridiron have added trophy after trophy, honor upon honor, to mold the tradition that is football in Deer Park. A brief glance at the past leaves even the casual observer impressed by the fact that King Football is indeed a serious business in Deer Park. For two straight years, in 1954 and 1955, the Deer were the champions of Class A football in Texas. Undefeated, untied, and seldom scored on, the Deer marched to an almost unbelievable record of 44 consecutive games without a defeat during this era.

In 1956 the Deer Parkers moved up to the Class AA classification, and in the face of this tougher competition the hometowners advanced to the state quarterfinals before bowing out to Sinton. Deer Park partisans hasten to point out that the Deer were tied in that crucial game with Sinton, but lost the right to advance further in the playoffs when total yardage gained favored the Sinton eleven. The 1957 edition of Deer captured their district crown.

### A Community Project

Friday nights in Deer Park during football season calls for a community project, and since



H. M. MILLER and I. C. WHITE, both of the Refinery Fire and Safety Department, are two regular customers for the Friday night encounters. Few times in recent years has a kickoff found either of these boosters missing from the stands.

many Shell families are among the ardent Deer fans, it's not surprising to see familiar faces going about the various activities connected with staging a gridiron contest.

On a typical Friday night a few weeks ago, Deer Park held their annual Homecoming celebration. And in near-freezing weather, the faithful Deer fans warmed to the occasion to huddle together and root the Deer on to victory in a crucial district game with Santa Fe.

This Homecoming had a particular Shell tinge, as Lynette Handrick, seventeen-year old daughter of the Refinery's A. A. Handrick, was crowned Homecoming Queen in half-time ceremonies on the football field. A senior, the popular Lynette is also a cheerleader.

Two men who are always present at every game are A. E. Kachel of the Chemical Plant, and W. T. Ervin, Refinery. Walking along the sidelines during the course of the game as they plot the progress of the Deer, these two men are the statisticians for the team. The records they keep can and sometimes do influence the outcome of a game if the final score happens to be tied.

### Band, Escorts Add Color

But with all the victories, all the titles, no football game is complete without the band. The excitement, the color, the enthusiasm generated by a band is hard to measure, but has become an integral part of every football game.

At Deer Park high school, the band activities come under the direction of E. W. Hyatt, a veteran band director who has guided Deermusicians since 1950.

Across the years the fans have come to look forward to the half-time spectacles put on by "Pop" Hyatt's bandmen—a performance which now includes the Deer Park Escorts, an all-girls' precision drill team.

Hyatt refers to his band as one of the most traveled bands in Texas — and this claim can be traced directly to the good fortunes of the football team.



STRUTTING PROUDLY at the head of the Deer Park high school band this year is Drum Major Carolyn Wheeler, daughter of D. H. Wheeler, Refinery Engineering Office.

Because when the Deer reach the state play-offs, the band follows close behind as the team treks to all parts of the state to play their games. Hyatt recalls such jaunts as those to Wink, Borger, Breckenridge, and Mason in recent years as indicative of the traveling the band has done.

### Takes A Lot of Practice

It takes a lot of practice during the football season, not only for the football team, but for the half-time performers as well. Besides the daily one-hour class, the band usually manages at least two after-school sessions a week. The end result is a Friday night formation on the field which might include anything from an outline of a schoolhouse to a rocket to the moon.

Now 37 members strong,

### Carpenter Thanks

We would like to thank our many Shell friends for their kindness during the illness of Mrs. Carpenter. At present she is convalescing in the Southmore Hospital in Pasadena, and has shown much improvement.

—The W. A. Carpenter Family

LIVELY HALF-TIME shows by the Deer Park bands and the Escorts add color and appeal to every football game. In mass formation above, the Deer Park high school band, junior high band, and Escorts, prepare to swing into a number at the Homecoming game.



PLOTTING THE PROGRESS of the Deer eleven from the sidelines are W. T. Ervin, Refinery Engineering Field, and A. E. Kachel, Chemical Plant Operations. At every Deer game, both at home and away, these statisticians mark every yard, every first down gained by the Deer team.

a total of ten Shell sons and daughters, including the drum major, Carolyn Wheeler, daughter of Refinery's D. H. Wheeler.

Four members of the Deer Escorts are Shell daughters.

### Enrollment Growth Continues

The Deer Park schools continue to grow in size, and with this increase in enrollment has come another change in classification for next year. Under the Texas Interscholastic League program, Deer Park will be competing in Class AAA in 1960. This means playing larger schools, which probably stronger football teams.

But with tradition on their side, the Deer should make the transition without too much trouble.



IN NEAR-FREEZING weather Deer Park fans huddle together to pull the rope on to another victory. Typical of these fans are Mr. and Mrs. S. P. O'Neal, shown in the center of the picture. O'Neal, now a Chemical Plant Operator, helped lead the Deer eleven, while his wife was once a cheerleader.



THESE SMILING Deer Park students are also the pride of some Shell fathers. Standing from left to right are Jere Kitzmiller, daughter of Refinery Lube Department's K. J. Kitzmiller; Nancy Williford, daughter of Chemical Plant Operator T. J. Williford; Bobby Foulds, whose father is J. T. Foulds, Refinery Research; Lynette Handrick, daughter of A. A. Handrick, Refinery Lube Department; Tommy Heitt, son of T. A. Heitt, Refinery Research; Sharon Grammer, daughter of Frank Grammer, Shell Pipeline; and Wanette Leonard, daughter of Lee Leonard, Refinery Engineering Field. Kneeling in front are Sandra Rhame, daughter of J. H. Rhame, Chemical Plant Operations; Carolyn Wheeler, daughter of Refinery Engineering's D. H. Wheeler; and Judy Kachel, whose father, A. E. Kachel, is in the Operations Department at the Chemical Plant. All pictured here, with the exception of Lynette Handrick who is a cheerleader, are members of the Deer Park Band.



THESE SHELL SONS wore the colors of the Deer Park Deer this year. From left to right are Gerald Burgess, son of Refinery Dispatching's W. C. Burgess; David Enochs, son of H. C. Enochs of Purchasing-Stores, Chemical; James Simmons, whose father is R. B. Simmons of Chemical Plant Operations; and Walter Stuart, son of M. W. Beard, Chemical Plant Operations.



THE COLORFUL Deer Park Escorts also claim many Shell daughters among the group's members. Shown above are Sandy Hilton, daughter of Refinery Engineering Office's W. R. Knowles; Anita Carter, daughter of P. E. Carter, Refinery Dispatching Dept.; Linda Martin, daughter of C. L. Martin, Chemical Plant Operations; and Brenda Delaney, whose father is J. Delaney, Refinery Dispatching Dept.

## Shell Research Develops New Space-Age Oil

Shell research has yielded another space-age product. SHELLAIR\* MTP Oil, a new turbo-pump gear oil for missiles and space vehicles, has been developed by Shell Oil Company for Rocketdyne, a division of North American Aviation.

Rocketdyne manufactures the rocket engines which propel many large missiles, including the Atlas, Thor and Jupiter.

The new oil is used for lubricating gears in the engine's turbo-pump, which rapidly transfers fuel and oxidizer from tanks to the rocket's combustion chamber.

The turbo-pump machinery must respond reliably in a matter of seconds from low temperature and dormant storage conditions to full-power operation. This results in high loading on the gears and bearings, accompanied by sudden changes in temperature and pressure. These conditions impose severe requirements on the turbo-pump lubricant.

Since no existing military lubricant was completely satisfactory for this important function, Shell developed an oil especially for this purpose. Rocketdyne has thoroughly evaluated new SHELLAIR MTP Oil on all turbo-pump components and sub-assemblies, as well as in complete turbo-pump tests. Rocketdyne is currently proposing use of Shellair MTP Oil by the government.

If accepted, Shellair MTP Oil will become the standard turbo-machinery lubricant for missiles and space-craft. At the present time, it is the only lubricant that can perform satisfactorily under all conditions and for all models of Rocketdyne's largest engines.

\*Trademark, Shell Oil Company

Sound driving calls for reduced speed on residential streets and particularly near parked cars, according to the National Safety Council. Most child traffic accidents occur when a youngster runs into the street from behind a parked car.

## Ten Commandments of Hunting

(With the hunting season in full swing it seems like a good time to review some very basic rules to remember while stalking that "big one." By following a few safety precautions, misfortune and even tragedy can be avoided.)

I  
Thou shall not employ others to kill thy game for thee, or count game killed by others.

II  
Thou shalt speak to the farm owner of land in gentle grace and kindly entreat him to let thee hunt on his premises, lest he boot thy south end from his domain.

III  
Point not thy gun toward any living thing that thou dost not wish to kill. Lo, there are fools and idiots wandering to and fro on the earth, but he who fails to observe this rule is verily the King of Imbecile.

IV  
Shoot not thy gun toward any cattle, swine, or farm livestock within one-fourth mile of thee. If thou shalt disobey this, the farmer will jab thy pants with his pitchfork till thou roarest for help and thereafter must eat thy meals standing.

V  
Unload thy gun before thou enterest an automobile. Then may thy days be long and thy funeral postponed.

VI  
Take not thy gun by muzzle to draw it toward thee. Verily, some foolish human may love thee, and why shouldst thou die?

VII  
Look not into the muzzle of thy gun whether it be loaded or empty. Verily, an empty gun shooteth an inquiring eye, and the undertaker groweth rich thereby.

VIII  
Thou shalt not carry thy gun cocked. Verily, thou are a mighty hunter, but the hides of thy friends will not turn shot.

IX  
Climb not fences with thy gun in thy hands. Put thy gun through first with the muzzle pointing away from thee and all living things. Better to miss a chance at one crow than to return to thy house with guilt in thy heart and thy friend's hind leg in a basket.

X  
All these rules thou shalt obey and live past three score and ten. If thou failest, thou shalt sleep in thy nice new coffin or in the prison cell while the mourners go about the street.



CHECKING OVER DETAILS for the coming year, officers of the Shell Research Wives are left to right: Mrs. O. M. Shultz, 1st vice-president; Mrs. D. M. Bartay, secretary; Mrs. E. G. Carlson, treasurer, and Mrs. J. W. Lawrence, president. Not pictured is Mrs. M. G. Geiger, 2nd vice-president.

## Refinery Research Wives Club Elects Officers, Plans Events

The Shell Oil Research Wives Club is looking forward to many activities during the

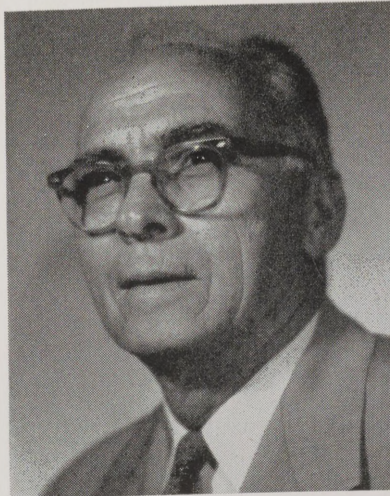
coming season. The month of September was highlighted with an Installation Dinner at the Pine Cone Club in Pasadena, with about 60 members attending.

Officers installed for the coming year are Mrs. J. W. Lawrence, president; Mrs. O. M. Shultz, 1st vice president; Mrs. M. G. Geiger, 2nd vice president in charge of programs; Mrs. E. G. Carlson, treasurer, and Mrs. D. M. Bartay, secretary.

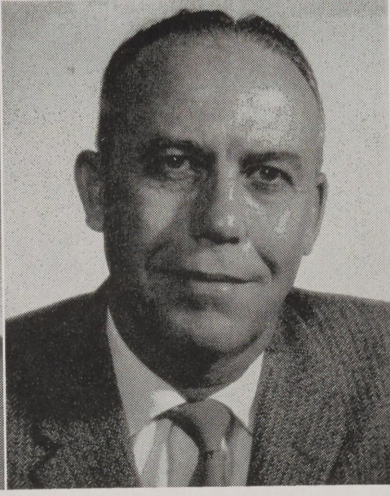
The retiring officers are Mrs. B. R. Graham, Mrs. J. E. Nichols, Mrs. M. Nager, Mrs. W. K. Meerbott, and Mrs. Ken Train.

The club was organized in 1958 to promote activities for wives of Shell Researchers. The group meets on the second Monday of each month at 8:00 p.m. at the East End Y.M.C.A.

## 30 Years Service



J. W. Matthews  
Cat. Crack. (Refy.)



W. O. Miller  
Dispatch. (Refy.)



# shellegram

SHELL OIL COMPANY HOUSTON REFINERY SHELL CHEMICAL CORP. HOUSTON PLANT

T. K. STEWART, Editor

Staff Photographers: Sam Davis, Al Locke

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*Plenty Of Food, Conversation Spice Evening*



**BAD WEATHER** didn't damage the appetites of these Chemical Plant Service members at the recent 10 & Over party at Milby Park. From left to right in the foreground are J. A. Phillips, Instrument man No. 1; E. J. Price, Treasury Department; C. W. Daulley, Pipefitter No. 1; and M. H. Ford, Pipefitter No. 1. Seated at the left of the picture are M. J. Williams, Administration, and W. L. Visinsky, Craft Foreman.



**O. B. HICKS**, Fire & Safety Inspector, P&IR, serves himself at the afternoon feast of barbecue.



**MOVING THROUGH** the food line is F. H. Stephenson, Engineering Sr. Draftsman.



**TWO RETIREES**, B. F. Walling, and L. O. Knigge, spent the day renewing acquaintances and enjoying a barbecue dinner.



**W. P. KELLEY**, Operator No. 1 in E Operations, seems to have an attentive audience in G. W. Harlan, Engineering; W. A. Morgan, P&IR; and H. A. Dufresne, P&IR.



**THE SAN JACINTO INN** was well populated with Shell Chemical Plant Service members when this picture was taken. After the dinner the party moved to the Pasadena Rodeo for the evening performance.

**"New Look" In TV Sets Aided By Shell Plastic**

The development of a plastic that simplifies mass production of a new look in TV picture tubes was announced recently by Shell Chemical Corporation.

A clear, transparent material, new EPON® 892 is used to bond an extra layer of glass to the face of the tube, eliminating the need for the glass window used in conventional sets. The new construction permits greater flexibility in TV set design while also improving the quality of the picture.

Injected between the two glass faces, EPON 892 sets at room temperature in about five to eight minutes. This gives it a considerable advantage over competitive plastics currently available.

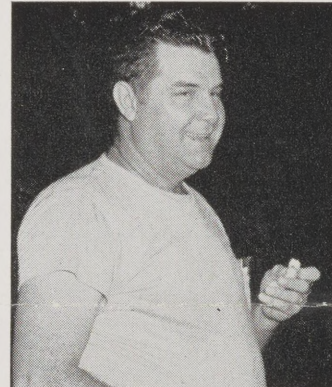
When installing the Shell plastic, for example, it's not necessary to preheat either the glass panel or the face of the tube, as is now required.

EPON 892 also hardens much more rapidly. The tube manufacturer can therefore cut production time and keep the cost of installing new equipment to a minimum. In addition, tubes can be packaged much sooner than with existing systems.

About a pound of EPON 892 is used for each tube. With annual production of new tubes at approximately 6,000,000, the new plastic has a large potential market.

TV set design can be more flexible because the tube does not have to be recessed. Another improvement of the new tube is its shape. Much of the rounding at the corners is removed, producing a more nearly rectangular picture.

Picture quality is also improved since dust can no longer collect between the tube and the safety glass and because reflection from outside light sources is greatly reduced by combining the two glass surfaces.



**R. W. SMITH**, INSTRUMENTMAN NO. 1, looks happy just to be inside out of the rain.



**THIS CONVERSATION** might have been about the L. S. U. football team — Glenn Purcell, Plant Manager, H. A. Dufresne, P&IR, and R. M. Oaks, Engineering, agreed it was poor weather for football.

**Rain Fails To Dampen Spirits At Chemical 10 & Over Party**

"Neither rain nor . . ." These well-known words were very appropriate for the Chemical Plant's third 1959 Ten-and-Over party. For, in spite of an eight-inch rainfall, more than 400 Service Club members and pensioners turned out for a day of fellowship and food at Milby Park.

The inclement weather forced everyone inside and a general power failure dimmed the lights but not the spirit of the occasion nor the appetite of the group. Most took advantage of the opportunity to make and renew acquaintances and all had a prodigious and excellent meal of barbecued beef, ham, chicken, and all the trimmings. Later in the evening, members and their families went to the Rice vs. Clemson football game.

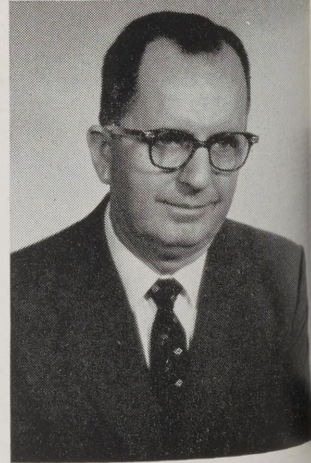
Two weeks earlier, San Ja-

cinto Inn was the site of this year's second Service Club function. Approximately 120 members met to reminisce and hear the "long-timers" tell the twelve new members how it was in the "Good Old Days." After hearty servings of shrimp, boiled crabs, fried fish, chicken, oysters, and dessert sprinkled liberally with small talk, heavy conversation, tall tales, and jokes, the party adjourned to the 1959 Pasadena Rodeo for the evening's entertainment.



**WHO TOLD THE JOKE?** J. T. Cutrer, J. R. Lacy, and G. R. Duke, all seem equally entertained.

**25 Years Service**



**D. L. Barfoot**  
Eng. Fld. (Refy.)

# Refinery's New Wax Molding Facilities Measure Up To Early Expectations

The Refinery's new wax molding facilities at the Lube Plant began initial operations late in July. Its performance has measured up to all the early expectations.

Refinery Process Superintendent M. A. Rogers commended both the operating and construction forces for their accomplishments during the construction period. "Despite the great amount of activity taking place in the wax molding building, shipments of wax continued at an exceptionally high rate," Rogers said.

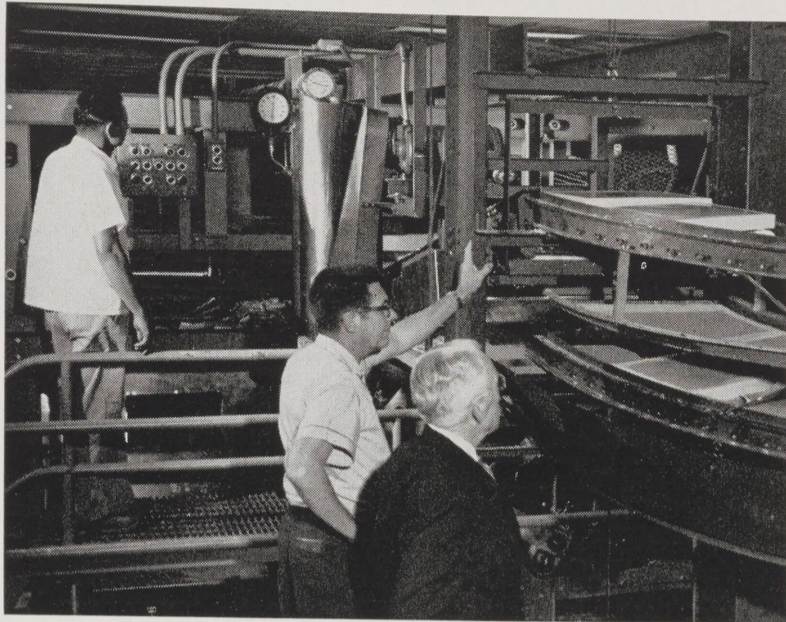
The new facilities consist of a continuous wax molding machine supplied by the J. W. Greer Company, plus refrigeration, packaging and conveying equipment. Capacity of the new facilities is quite variable, depending on the characteristics of the wax being molded.

The Greer machine is an enclosed, refrigerated unit containing 2,130 stainless steel pans arranged in rows of six each. These pans are part of a conveyor system which moves through a refrigerated chamber. The pans are coated with a special epoxy resin to permit ready removal of the solidified wax.

### Freezing Journey

At the start of the journey the pans are filled with a measured amount (11 pounds) of liquid wax by variable displacement synchronized pistons operating in the wax depositor tank. Then begins a two-hour trip back and forth along the length of a refrigerated chamber where the temperature may be as low as 0° F. In the course of the complete cycle the pans reverse direction a total of 14 times and arrive at the end of the journey with the wax in a solid form.

The conveying mechanism



K. J. KITZMILLER (center), Manager of the Refinery Lube Department, and M. A. Rogers, Refinery Process Superintendent, inspect the finished wax blocks at the Refinery's new wax molding facilities. In the background is C. E. Henderson, Operator No. 1.

inverts the pans and dumps the wax slabs onto a conveyor system which transports them to the packaging equipment. A part of the production is shipped in cartons containing five slabs or 55 pounds of wax. These cartons are filled automatically in Packomatic equipment furnished by the J. L. Ferguson Company. The cartons are then glued, stenciled, counted and moved on additional conveyor equipment directly to a waiting freight car.

### Improved Working Conditions

This conveying equipment also includes provisions for routing the 11-pound slabs directly to palletizing stations where they may be packaged in 1000, 1500 or 2000-pound cartons as required by the customer.

The entire molding and packaging area is air-conditioned to provide improved working conditions and to

avoid the harmful effects of excessive humidity on the slabbing and packaging operations and to keep the wax free from airborne contaminants.

Because of the unique manner by which the machine is able to solidify the liquid wax under near-perfect sanitary conditions, the Refinery is now able to produce a variety of wax grades of better quality and appearance than was possible with the older wax molding equipment.

One of the features of this new Greer machine is the relative ease with which the operator on duty can change his production of wax from one grade to another. By pushing a series of buttons on the control panel near his desk, the operator can halt the process in progress and purge his feed lines. The feed stock can then be charged from a different storage tank by an operator in the wax tank yard, and a new grade of wax started through the machine.

**Work Done By Local Forces**  
Most of the work in the design, remodeling and construction necessary to house these new facilities was done by Refinery personnel.

The area previously occupied by the old wax molding machines has been converted into storage areas.

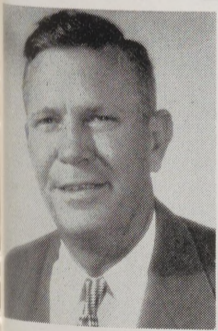
## O. M. Smith New Chemical Gateman

O. M. Smith, Carpenter Helper No. 1 in Engineering Field, recently assumed a new assignment as a Gateman in the Chemical Plant's P&IR Department. He replaces J. L. Wood, who is moving to the Engineering Field Office.

Smith joined Shell Chemical in March 1953 as a General Helper. Since that time, he has acquired experience as an Operator Helper and Pipefitter Helper. He began working as a Carpenter Helper in March 1955.



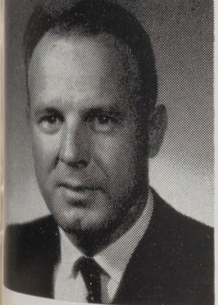
O. M. Smith



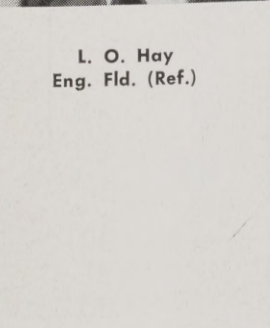
J. F. Bower  
Thermal Crack. (Refy.)



F. H. Fox  
Eng. Fld. (Refy.)



F. E. Lee  
Thermal Crack. (Refy.)



L. O. Hay  
Eng. Fld. (Ref.)



E. R. Mosley  
Eng. Fld. (Chem.)

## RETIREEES ATTEND PARTY



REFINERY MANAGER J. A. TENCH STANDS with a group of five pensioners who attended the final Refinery Service Party at the Club Ebony. Seated from left to right are L. Burnett, E. Simen, J. Allen, G. Robinson, and L. Edwards.

## Final Refinery Service Party Ends Most Successful Season

The final Refinery Service party for 1959 was held November 7 at the Club Ebony in Houston, and, like its predecessors, it was considered a big success by all who attended.

A total of 133 Shell people, including six pensioners and a number of guests from other Shell locations in the Houston area, gathered for the day-long event.

The retirees present this year included W. H. Davenport, L. Burnett, Lib Edwards, J. Allen, E. Simen, and G. Robinson. Edwards voiced his appreciation for the gathering, and his sentiments were echoed by all present.

Sam Stewart served as the master of ceremonies to present the guests and to direct the program. Stewart was also a member of the committee responsible for making all the arrangements so necessary in assuring the success of a party this size. Other members of

the committee were Roosevelt Fisher and O. G. Green.

The menu was Texas style Chicken-In-The-Basket — the same type dinner served at an earlier service party, and once more it "hit the spot." Music filled the air as the group enjoyed dominoes, cards and watched television.

Among the guests attending were J. A. Tench, P. E. Keegan, A. J. Wood, L. J. Hallmark, L. J. Grossheim, R. J. Griffin, L. C. Dickey, H. K. Kaiser, and G. Atkinson.



"You're still not using the correct grip, Mr. Lansing."



TOP: GOOD FOOD and friendly conversations predominated at the final Refinery Service Party of 1959 at the Club Ebony. Seated around the table are E. P. Sonnier, S. Simmons, Refinery Manager J. A. Tench, I. Loyd, and I. J. O'Neal.

CENTER: SMALL, INFORMAL groups gathered throughout the day to discuss old times and renew acquaintances. Seen laughing and talking here are I. Harlan, H. Miller, J. Simpson, R. White, and E. Adams.

BOTTOM: C. NEWTON greets a smiling S. C. Coleman at the food line while O. Dupree looks on.

## C. L. Henson's Hobby Helps Crosby High Grid Teams

Around Crosby, Texas it is hard to find a more faithful follower of the Crosby High School football team than L. C. Henson.

Henson, a Refinery Blacksmith, alternately rejoices and suffers as the grid stock of the hometown hopefuls rises and falls. But with all this enthusiasm Henson has managed to see Crosby play fewer games than you can count on one hand in the past three years. The reason—Henson is a football scout for the Buffs.

It remains Henson's task to "super-sleuth" future opposition each Friday. This means traveling to foreign fields to watch games involving teams who will play Crosby at some future date. In fact, so dedicated is Henson to his lonesome pastime, that the only Crosby games he has witnessed in the past two years were season-openers when the Buffs got a one-week jump on most of the area teams.

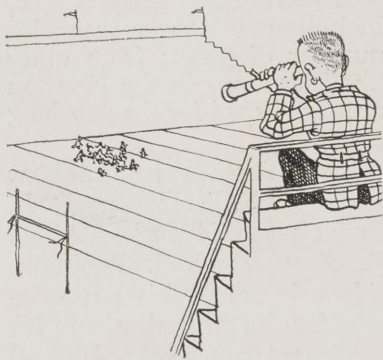
### Friday Means Traveling

A typical football-Friday night finds Henson leaving his home in Crosby early enough to travel to the site of a game he must scout. His destination could cover a broad area—Waller, East Bernard, Bridge City, or Tomball. In the press box or high up in the stands, Henson perches with pencil and pad in hand. On his tally sheet goes the offensive and defensive alignments, the pet plays used, the existing situations when the plays were used and the many other little things that go into developing a scouting report to take home for study.

After the game and back in Crosby, Henson goes over his report with Coach Bill Barrington. This skull-session usu-

ally lasts till the early hours of Saturday morning, with another session scheduled for Sunday afternoon. From the notes Henson brings back the strategy for next week's game is planned.

Henson had some ready answers to a few questions which might not occur to the casual observer at a football game. To the question "Approximately how many offensive plays does one team run in the course of a football game?" Henson reports an average of about 60 in the games he scouts. "What is the most popular type of offensive formation in use this year?" "Wing-T." "What advice would you give the fans for watching a game more closely?" "Watch the guards up in the line, they are the key to your running

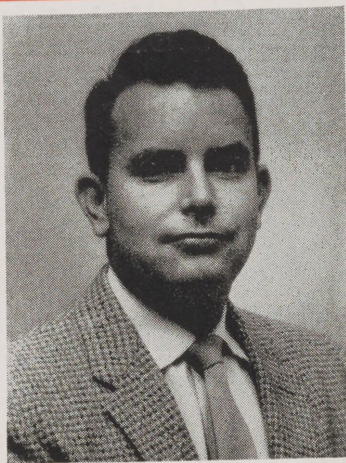


plays. Watch to see if they pull out to run interference."

### Also Booster Club President

Besides his duties as football scout, Henson is also the president of the Crosby Buffs Booster Club this year and presides over the weekly gathering of this group.

A former football player himself, Henson played at Crosby in the 1940's before going into the Marine Corps. While stationed at Camp Pendleton he played on the post football team as a halfback.



C. M. Schneider

## Schneider Named Area Engineer at Chemical Plant

C. M. Schneider, Senior Engineer, has been named as Area Engineer according to a recent announcement by Glenn Purcell, Plant Manager. In his new assignment, Schneider will be responsible for "G" Area and replaces J. G. Massey in that capacity. Massey is transferring to the Head Office Engineering Department.

Schneider's Shell service dates back to May 1952 when Shell Chemical acquired the Julius Hyman Plant in Denver, Colorado. He was transferred to the Houston Plant in July 1954 as an Engineer in the Engineering Department.

Following various Engineering and Engineering Development assignments, he was promoted to Senior Engineer in December 1958. Schneider holds a B.S. degree in Mechanical Engineering from the University of Colorado and an Engineer of Mines degree from the Colorado School of Mines.

## R. T. Effinger Home Offered For Sale

The R. T. Effinger home in Shoreacres is currently being offered for sale by the Frank J. Core Realty Co. of LaPorte.

The house is situated on a corner double lot and has approximately 1800 square feet of living area. A two-car attached garage and a large paneled den are other features of this three-bedroom home.

Priced at \$18,900, the home carries a very attractive 5% loan which could be taken over by the purchaser at an equity price of \$7,550.

Mr. Core reports that the home could also be completely refinanced on a loan of approximately \$14,800 which could be arranged on a 20-year basis at from 6%-6½% interest with \$300 or \$400 closing costs.

Anyone interested in this fine home in Shoreacres can call Frank J. Core, GR 9-1159.

Drivers can increase their range of visibility under dark or hazy conditions by watching beyond the vehicles ahead, according to the National Safety Council. Obstacles may show up in the headlights of the cars ahead.

## Owen Family Starts To Bowl—Wins Two Trophies In First Year

There was a time when Refinery Engineer T. H. Owen was the only bowler in his family. He carried a 148 average and bowled regularly in the Shell Mixed League.

Times have changed. This past summer two other members of the Owen family, wife Doris and son Tommy, took up the ten-pin sport.

After only a few short months of bowling these newcomers have already collected a couple of trophies, exactly two more trophies than Tom Sr. has won in his six years of kегling.

After a summer of bowling, Mrs. Owen had upped her bowling average to 117 and 11-year-old Tommy was hitting 90. Recently the two decided to try their luck in the Houston Chronicle junior bowling tournament. This is an annual event and this year over 6,000 bowlers took part. Tournament eliminations were held in 25 bowling houses around Houston, with the winner and runner-up in the various divisions moving on to the finals at the Federal Road Lanes.

Entered in the Junior-Bowler category, Tommy and Doris won the championship of the O. S. T. Lanes, and with the



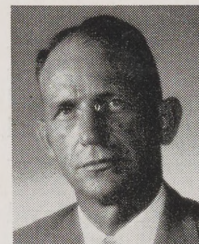
DORIS AND TOMMY OWEN look over one of the trophies offered in a recent bowling tournament. The trophy they won was larger than this second-place award.

title came their first trophy and the right to compete in the finals.

Here again the Owen combination marched on to victory, this time for the entire city, as they went 103 pins over their average to win. Once again a trophy awaited the victors, larger and more impressive than the first.

Well, Tom Sr. is still the highest average bowler in his two-trophy family.

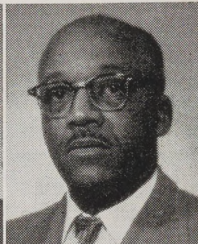
## 15 Years Service



B. G. Bagwell  
Dispatching (Refy.)



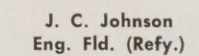
M. G. Clepper  
Eng. Fld. (Refy.)



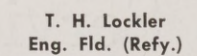
R. Culton  
Lab. (Refy.)



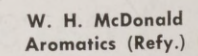
J. T. Cutrer  
P&IR (Chem.)



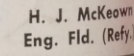
J. C. Johnson  
Eng. Fld. (Refy.)



T. H. Lockler  
Eng. Fld. (Refy.)



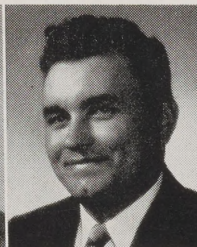
W. H. McDonald  
Aromatics (Refy.)



H. J. McKeown  
Eng. Fld. (Refy.)



D. Smith  
Eng. Fld. (Refy.)



O. Spriggs  
Eng. Fld. (Refy.)



J. T. Stone  
Eng. Fld. (Refy.)



M. L. Stroud  
Shipping (Chem.)

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