



shellegram



SHELL OIL COMPANY
HOUSTON REFINERY

SHELL CHEMICAL CORP.
HOUSTON PLANT

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HOUSTON, TEXAS

OCTOBER, 1957

La Porte Mayor L. D. Burgin Dies Sept. 26

It is with regret that we report the death of Mercer D. Burgin, well-known Refinery employee and civic leader.

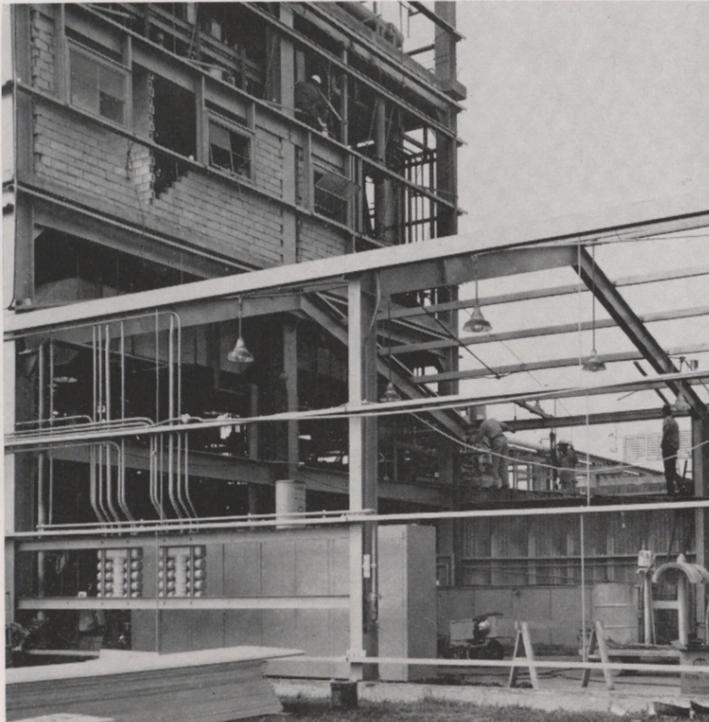
Mr. Burgin, who was an operator No. 1 in the Catalytic Cracking Dept. and the Mayor of La Porte, died Sept. 26 after suffering a heart attack. He had just attended a meeting of the La Porte Volunteer Fire Dept. and was preparing to return to work at the Refinery when he was stricken.

A native of Weatherford, Mr. Burgin moved to La Porte in 1936 and started working for Shell on Nov. 14 of the same year. Outstanding in his work and church affairs, he was serving his third term as mayor and had served two terms as a city councilman.

He was chairman of the board of the La Porte Community Church and an active member of the Rotary Club. Despite his many activities, Mr. Burgin was never too busy to share the warmth of his personality with his many friends. He had a ready smile and a word of greeting for everyone around the Refinery.

Starting as a Laborer in Engineering-Field, Mr. Burgin worked in Thermal Cracking before moving into the Catalytic Cracking Dept. when it was organized in 1946.

Our sympathy is for Mr. Burgin's family in this great



Work of rebuilding PDU began soon after explosion. Major damage was suffered by building's exterior with little or no damage to equipment housed inside.

PDU Resumes Operation; Rebuilding Nears Finish

The recent explosion in the Chemical Plant's Product Development Unit removed most of the building's exterior but did very little damage to the interior. One week after the accident the unit had partially resumed operation; and on October 21, PDU was back to normal operation.

Although the unit is producing again, it will be a few more weeks before the job of refacing is complete. Before any rebuilding could begin, workmen had to first clear debris from the area and remove resins material that had splashed on floors and equipment.

Before the siding is replaced, portions of the structure must be straightened and windows put in place.

The explosion occurred at 6:45 a.m. on a Monday. Fire crews were immediately called to the scene but were only required to extinguish two small fires. No one was injured. In fact, the building had been un-

occupied since midnight of the preceding Saturday. The entire situation was under control in 15 minutes, and fire crews returned to their normal duties at 7:00 a.m.

Investigations are being continued to find the exact cause of the accident.

Shell Building Epoxy Resins Plant In North

Soon the Houston Chemical Plant will not be the only Shell plant producing epoxy resins. In Montreal, Canada, a new epoxy resins plant is being constructed by Shell Oil Company of Canada, Limited.

The unit, located in Shell of Canada's Montreal Refinery, will produce solid and liquid EPON(R) resins. The plant is scheduled for completion in the first quarter of 1958. Shell Chemical Corporation is providing technical assistance for the plant's design and construction. R. B. Hanning, who worked as engineer in charge of construction on the Houston Plant's Product Development Unit left this plant to work on the project.

Two-Way Visits Slated During Education Week

Shell will take an active part in the observance of American Education Week Nov. 10-16 as employees take over classes in the local schools and teachers visit the Chemical Plant and Refinery. Shell men will visit the schools on Nov. 12 and two days later on Business-Education Day some 24 teachers are expected to tour the local manufacturing facilities.

AT THE REFINERY

The four employees from the Refinery who will visit a school and assume the duties of teacher for a day are R. A. Bannerot, Manager of Research Services; H. D. Estes, Manager of the E&S Dept.; Fay Hilliard, Personnel Representative from P&IR, and H. J. Lewis, Manager of the Lube Oils Dept.

Each man will be expected to handle all the classes during the day for one teacher. He will discuss such subjects as the organization of the Shell Companies, the methods of refining petroleum and the American free enterprise system. Students will be given an opportunity to question the one-day teachers on these and related subjects.

On Business-Education Day Nov. 14, half of the approximately 24 teachers will visit the Refinery from 9:30 a.m. to 2 p.m. They will be given a general tour of the plant. Then each individual will have the opportunity to visit a particular part of the Refinery and study a phase of operations in which he might be interested.

Business-Education Day is an annual event established to help business men and educators reach a better understanding of the type of work each is doing and to assist them in working together for their mutual benefit.

AT CHEMICAL PLANT

This year four representatives from the Chemical Plant will visit local high schools during Business Education Day. Another group is making ready to welcome teachers who will come to this plant.

The idea behind this business-civic activity is to bring about an exchange of knowledge. The high school students get first-hand information about the business world, and at the same time the visiting businessmen come closer to understanding the problems of today's teachers.

Those who will play the role of teacher for a day are J. F. Roorda, Assistant Superintendent-Technical, J. P. Wold, Technologist, V. W. Wilson, Chief Chemist, and W. G. Robbins, Engineer.

These men will teach a full day's schedule, six class periods. Their job is to tell the students about business in general, the Houston Plant in particular, and bring these together in a discussion of the free enterprise system.

The job assigned to the Plant hosts will be one of teaching the teachers about the Chemical industry. The teachers will be given a Plant tour and a luncheon in the Cafeteria. If any express some special interests in seeing a particular operation they will be given the opportunity.

"Boldness Pays Off" Film Showings Begin at Plants

Shell's new color film "Boldness Pays Off," which is narrated in part by H. S. M. Burns, President of Shell Oil Company, will soon be shown to employees at the Refinery and Chemical Plant.

In the introduction of the film, Mr. Burns says boldness does not imply recklessness, but, he explains "Our boldness means that we have the guts to take the risk of short-term losses when we can see the possibility of our action leading to long-term progress."

Filmed at Shell locations all over the country, including the local installations, the movie describes some characteristics

which have contributed to Shell's growth.

In his opening remarks Mr. Burns says, "We are ready to take calculated risks on new products where our research and exploration and judgment indicate that there is a better-than-even chance of contributing to our stability and growth." He also narrates the closing sequence of the film.

Following the introduction by Mr. Burns, examples of Shell boldness are related in the film. Included is the first commercial production of 100-octane gasoline — a product

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M. D. Burgin

UF Drives Moving Forward

The latest United Fund reports available at press time showed the Chemical Plant over the top and the Refinery leading at 98.6 percent of its quota with several persons yet to be contacted by solicitors.

A full UF report will appear in the next SHELLEGRAM. Latest Chemical Plant figures are \$11,593.27 collected on a goal of \$11,548. This is a 9.48 percent increase over last year. Refinery press time figures were \$22,082.75 donated toward a goal of \$22,395. These donations came from 2,519 employees for a per contributor average of \$8.79.



Two pensioners present at the Latin American Ten-And-Over Party were J. Valdez (left) and F. H. Murillo.

Oil Industry Must Expand To Meet Future Demands

Traditionally, oil industry people make a concerted effort to tell the story of their industry during Oil Progress Week. Since the industry's growth is so rapid and the effects so widespread, it is no simple matter to stay abreast of developments. The following story forecasts the magnitude and importance of the job ahead. It is just one of many ways of illustrating progress in the petroleum industry. The observance of Oil Progress Week also offered oil men and women an opportunity to answer some of the false charges that have been brought against the industry in past months. Most of these accusations have been made since January of this year when rising costs forced an increase in crude oil prices and a subsequent adjustment in gasoline prices.

The petroleum industry's development projected into the year 1966 presents a staggering picture of growth to meet the increasing demands for petroleum products. How important this expansion is to the country's economy was reported especially during Oil Progress Week this month, but is a vital problem the year-round.

Petroleum and natural gas now provide 67 percent of the energy consumed in the United States by a population which is increasing by 3,000,000 persons annually. If the nation's standard of living is to be improved — even maintained at its present level — larger and larger amounts of petroleum-derived energy must be developed.

The Chase Manhattan Bank estimates that by 1961 the demand for petroleum by the United States will be 11.2 million barrels a day and by 1966 nearly 14.3 million barrels a day. That is an increase of nearly 63.3 percent over the amount consumed daily during 1956.

Oil Harder to Find

Supplying the nation's petroleum requirements poses several problems. Each year oil becomes harder to find and more expensive to recover. Petroleum is a wasting asset — once withdrawn from the earth it cannot be replaced. As a result, oil men must search deeper in the earth and in more inaccessible areas to find oil. In recent years, the total number of wells drilled has increased at a rate of 4.3 percent per year, whereas the footage drilled has increased at the rate of seven percent per year. Moreover, during the past 20 years, the dry-hole ratio has climbed to a point where in 1956 more than 38 percent of all wells drilled in the United States produced nothing.

At the same time the machines that petroleum powers are becoming more complex. Demand in this respect is for quality of product in addition to quantity. The industry is experiencing continual pressure to upgrade its products, particularly gasoline. Octane ratings have increased more than 10 numbers in the last 10 years at a cost to the industry of many millions of dollars. Last year alone, 65 percent of refinery expenditures for new process units and auxiliary facilities was spent for gasoline quality improvement.

Research Is Key

Research is the key to product improvement, as well as to developing new products and more economical ways to recover and process oil. Research, too, is costly, and the price tag grows larger each year. According to the American Petroleum Institute, 75 oil companies reported total expenditures of nearly \$161 million for research and development in 1955. This was 10 percent more than the previous year.

The magnitude of the job ahead for oil men bares itself in the estimated capital requirements for the industry in the coming years. Between 1956 and 1966, according to the Chase Manhattan Bank, the expenditures required to expand the industry in the United States will run in the neighborhood of \$80 billion.

A look at what lies ahead for the industry lends strength to the need for oil company employees to inform the American public of the facts about their industry.



The entire group which took part in the Ten-And-Over Party is seen above. Standing (l to r) L. J. Hallmark, H. K. A. Del Peral and M. C. Rodriguez. Seated (l to r) C. Martinez, M Elizando, G. Obregon, J. Pena, A. Velasquez, Garcia, C. J. Jiminez, J. Casas, P. E. Keegan, J. C. Valdez, F. H. Murillo, C. R. Perez, J. Towers, R. Riojas, R. G. Rocha, F. V. Gonzales and Y. R. Leon.



Enjoying the music at the Latin American Ten-And-Over Party Sept. 14 are (standing l to r) G. Obregon, C. J. Jiminez, M. C. Rodriguez, J. C. Valdez, J. Casas, F. H. Murillo, R. Riojas, T. Rocha, C. R. Perez and J. Towers. The musicians are non-Shell employees Carlos Martinez and Meno Elizando.

Employees Get Absentee Statistics

"Phantom Employees" again became an important topic of discussion this month as all Refinery hourly employees were made aware of the trend toward excessive absenteeism that is apparent at the Refinery.

The program presented by the Employee Communications Section was titled "The Phantom Employee" because the 30,000 days lost in 1956 by disability leaves of absence are equivalent to having 116 phantom employees on the payroll throughout the year. It was pointed out that figures through June this year indicate a 1957 total exceeding that of 1956, giving the Refinery approximately 128 missing or phantom employees for the year.

Twenty-six sessions were held to bring these facts to the hourly employees. A similar program presented the problem to staff employees earlier in the year.

Charts and drawings used in the program covered a variety of subjects such as a

comparison of the absentee rate at the Refinery and other Shell installations, a comparison of the departments in the Refinery and a comparison of the Refinery with other refineries in this area. Statistics were presented on work days lost per disability case, total cases per month and duration of absences based on 1954-57 figures.

Admitting that absenteeism cannot be entirely eliminated, the presentation showed that a few chronic absentees can spoil the record for everyone else and cause possible hardships to others by making it economically unsound to continue the free disability benefits on the current basis.

Employees were told that the problem exists both with hourly and monthly paid staff employees and that it is causing grave concern in both management and labor groups.

A group of hourly employees at the Refinery prepares to listen to R. B. Maddux, Training Assistant, present the "Phantom Employee" program which was developed by the Employee Communications section to attempt to halt a trend toward increased absenteeism among Refinery employees.



C. Boone Dies In Hospital

Clyde Boone, who worked the Houston Plant as a laborer, died last month in Memorial Hospital. Clyde has been a Shell employee since 1947 and had celebrated his 10th anniversary last April.



20 Years Service



H. G. Giebelstein
Gas (Ref.)

R. B. Mann
Eng.-Field (Ref.)

T. N. Rodden
Eng.-Field (Ref.)

G. A. Smith
Eng.-Field (Ref.)

Employment Office Handles Thousands of Applications for Jobs at Shell Sites

"Help Wanted, Apply within."

Some concerns may still hire workers by placing such a sign in the window and taking on the first specimen who walks through the door.

Things are different with Shell in the Houston area. Employing personnel is a full-time job for seven Shell employees who conduct the business of the Central Employment Office on the second floor of the Shell Building in downtown Houston.

Dealing with human beings cannot be an exact art because no two persons are alike or react the same way to the same situation. But Employment Director Jesse Collins and his staff conduct the employment business in as objective, scientific, and humane a manner as possible.

Serves Many Sites

It's a big job, too. In 1956, for example, 27,000 persons came into the office seeking employment. More than 800 persons were hired, but each of those not hired received attention in the employment office processing up to various points.

From another angle it's also a big job because this office handles all the employing for many activities, such as the Refinery, Chemical Plant, Houston Area E&P Office, the Shell Line Corporation office in Houston, the E&P Research Division on Bellaire Blvd., plus three smaller activities, namely the Sales Dept. Shell Oil and the Agricultural and Petro-Chemical Sales Divisions of Shell Chemical.

Jesse Collins, who directs and supervises the activities of the office and works closely with non-technical college retraining programs of the various Shell activities, pointed out that he no longer is able to play an active role in the hiring of every individual. His highly qualified staff members handle all the details of processing most prospective employees.

Such a processing more than not will begin with Lucille Walter who handles preliminary contacts with persons seeking a job. She assists persons in completing application forms and ad-

vises them about the availability of jobs.

After the application is completed, a personal interview is arranged with a Placement Counselor in the case of persons whose applications indicate they might be qualified for a vacant position. Many other job-seekers who show a high potential are interviewed even though there may be no job open at that time.

Interviews Women

Mrs. Majorie Cotton, a veteran of 10 years in the employment business, handles the placement of all women within the many Shell activities. Bruce Posey and Bob Currie are the regular Placement Counselors for men, but Posey is currently taking cross training in other phases of personnel work in the Houston office.

Following the interview, an applicant who shows the necessary qualifications — ability and attitude — is given a series of aptitude tests to see how he compares with present employees doing that type of work. J. B. Blackburn is the Test Administrator with Dick Damon currently taking training in the work.

The seventh employee in this office is Mrs. Sophia Davis who comes in contact with almost every job-seeker, at least on paper, as she handles the secretarial and clerical duties.

Employees Furnish Leads

A routine, but important part of the employment procedure, is the confirmation of the facts upon the application through the checking of references. Collins pointed out that if two men are almost equal in all respects, the one who receives higher recommendations will usually get the job.

Collins said job applicants come from several sources, but he estimated that 40 percent of those hired for hourly jobs come from leads furnished by present Shell employees. Other applicants come into the office as a result of newspaper ads, while there is a heavy flow of

traffic from members of the general public who are interested in working for a major oil company.

The Refinery P&IR Dept. has a form available on which Shell employees may recommend persons for jobs, and Collins stated that such recommendations have proven very valuable in the past in getting a number of good people. He said his staff appreciates all the good leads they can get, but that persons so recommended still must qualify with other applicants.

Friends of employees are always welcome at the Employment Office, but there are times when a person may have to come back. Naturally, actual job vacancies are filled first and if the personnel of the office are all busy trying to fill these slots, a person seeking to file an application for future consideration may have to return at another time.

Applications on File

An "aggressive job seeker," one who is willing to come back a time or two in order to get an interview stands a better chance of getting a job. Collins said it is a problem to make an applicant feel good about the placing of his application on file, but it is the only thing that can be done if there are no job vacancies at the time it is submitted.

Applications are retained in an active file for six months and any person who may qualify for a vacancy will be notified during this period.

Yes, many changes have come about in employment procedures since the "good old days" when persons seeking a job showed up at the gate of the plant every day and stood around "sweating out" a job. A more dignified and scientific approach rules today with surroundings, office personnel, and procedures all combining to make job hunting and job placement a smoother process.

The Central Employment Office was first set up in 1946 with a staff of three persons. It was established on the theory that it would save applicants much time in making one contact and would enable the company to look at all applicants for all jobs. Apparently the theory was correct, for the past 11 years have seen more than 250,000 persons making application with Shell.

H. J. Lewis Gets Law Degree; Is Admitted to Bar Association

"Hank" Lewis is a member of the Texas Bar Association.

This simple fact may mean little to some persons, but to Engineer H. J. Lewis of the Refinery Utilities Dept. it means the successful conclusion of five years of hard work and long hours spent with his law books. It means that Lewis has received his law degree from the University of Houston and has passed the long rigorous examination given by the Bar Association.

Lewis completed all of the required 90 hours for his degree in night school with a "B" average, considered an excellent record in this demanding, competitive field. Completing such a course meant much more than just attending classes three or four nights every week for five years. It meant 15 to 20 hours of study a week in the library or at home. It meant carrying books back and forth to work to get in a few minutes of study on the bus or during lunch.

A college degree in many fields is the end of the road, but in law it is only one of the steps toward the real end, which is admission to the Bar.

Such admission came only after 18 hours of tough examinations in Austin this past summer.

Lewis said he has no definite plans for future use of his law training, but indicated that combined engineering-law degrees can be very valuable to industry in many fields. "I just rounded out my education," he said.

This education includes in addition to law, a degree in civil engineering from the University of Delaware in 1948. Lewis got both his degrees, incidentally, despite interruptions by both World War II and the Korean War. He is a member of Phi Delta Phi, international legal fraternity.

Now that he doesn't have the press of studies taking up his time, Lewis is doing "a lot of work around the house." "Actually, I don't feel that I have a lot of extra time now," Lewis said. "I don't know how, but you can always find the time no matter how busy you might think you are to do something that you really want to do."

His extra time now is also devoted more to his wife and three children, age 2, 4 and 5, who didn't see too much of him during the years in school.

A Shell employee since June 1948, Lewis worked at a variety of preventative maintenance jobs in Engineering-Field and served as an assistant to the Master Mechanic before spending almost two years as Project Engineer on the San Jacinto River water project. When this facility went into operation early in 1956, he moved into his present position in Utilities.



H. J. Lewis

Elrod Chosen Airman of Month In Air Force Reserve Unit

Robert A. Elrod, a Clerk in the Refinery Laboratory, was selected Airman of the Month for September in the 446th Troop Carrier Wing of the Air Force Reserves.

An Airman First Class in the reserve unit that trains at Ellington AFB, Elrod was chosen for the honor by a board of non-commissioned officers.

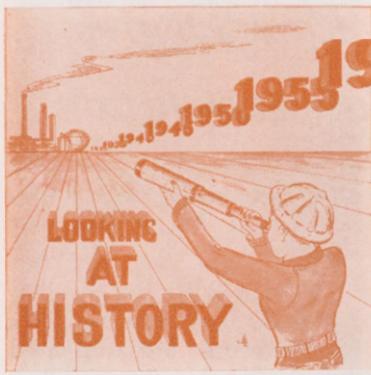
The letter of commendation which he received with the award states: "Your performance of duty . . . has been outstanding. The neat military appearance you have at all times displayed has met the high standards of the Air Force and set an example for your fellow airmen."

It continued: "You have readily accepted the responsibility of your position and have at all times, diligently performed your duties."

Elrod has been employed at the Refinery since May 1956, following his graduation from the University of Texas with an accounting degree.



R. A. Elrod



The big news 16 years ago took place on Sept. 23, 1941, when a hurricane hit the Refinery doing extensive damage and causing the plant to be shut down for three days.

The October SHELL-GRAM reporting on the storm said of the staff house area: "Beautiful pines, towering stately in all their beauty only a few hours before, uprooted and crashed with utter disregard as to where they might fall."

Water rose above the dock road and "valiant efforts by dock workers prevented a loss or damage to four ships." The roof of the main office was damaged and "the tree on the front lawn which Superintendent Miller has kept propped up for four years was blown down."

And these things also happened in that fall of 1941:

Pipefitter Foreman Ralph Pemberton, Assistant Head Cracking Stillman A. S. Mitchell and Chief Fire and Safety Inspector M. D. Daeschner attended the National Association of Foreman's annual convention in Cleveland, Ohio.

Bill Cowgill received a Certificate of Honor from the Joseph A. Holmes Association for his outstanding achievement of supervising a group of 18 men for nearly 500,000 man-hours without a disabling injury.

Glenn Purcell arrived from Wood River to assume duties as Manager of the Gas Dept. as A. H. Garrison moved up to one of the Assistant Superintendent posts. P. E. Hurley came to Houston from Norco to serve as Superintendent.

Style Show Attracts 250

Some 250 SERA members and guests gathered on Sept. 14 at the Sakowitz Sky Terrace for the annual style show and tea.

Co-Chairmen for the event were Charlene Cotton of the Refinery P&IR Dept. and Lillian Long of Refinery Administration.

Sakowitz models presented the latest in fall fashions with Mrs. Dorothy Congeni doing the commentary. Bob Miller of Rice Institute sang, accompanied by Fred Gibbons on the organ. Gibbons also played for the fashion show.

Mrs. Fred H. Berg, whose husband works in Lube C, and Mrs. William T. Long, mother of Lillian Long, were the winners of the door prizes, a \$15 gift certificate and a decorated waste basket.

SERA Style Show Scenes



Above are three scenes from the SERA Style Show held Sept. 14. In the bottom picture are the persons who worked on the planning and operation of this annual event. Seated in the front are (l to r) Doris Wilmoth (Chem. Treas.), Ruth Dorn (Chem. P&IR) and Delores Lezak (Ref. Lab.). Standing (l to r) are Jean Ament (Ref. Stores), Floy Benz (formerly Chem. Res.), Ina Foster (Ref. Treas.), Kay Heiman (Ref. Treas.), Ruth Close (Chem. Eng.-Field), Betty Foster (Ref. Res.), Charlie Bigham (Ref. Treas.), Electra Young (Ref. Res.), Co-Chairman Charlene Cotton (Ref. P&IR), Pat Hayes (Ref. Eng.-Office) and Co-Chairman Lillian Long (Ref. Admin.)

Big Bore Rifle Range Opens

The Big Bore Rifle Club plans to begin using its new 200-yard rifle range Nov. 1 after several months of planning and searching suitable land.

Located on the Red Bluff-Genoa road, the range offers gun fanciers an opportunity to fire any size rifle. The club has leased some eight and a half acres for the range and parking area.

The 95-member club is sponsored by SERA and is headed by A. L. McClain of Cat. Cr. serving as its first president. Vice-President is R. Cryer of the Chemical P&R Dept.; B. N. Peal of the Refinery Research is secretary and C. Sudduth of the Refinery Machine Shop is treasurer.

On the south side of the Red Bluff-Genoa road, the new range is approximately two miles from the Red Bluff and adjoins the Anthony Farm. A gate has been constructed at the entrance to the range and each member of the club is to be given a key.

Peal pointed out that club members must also be SERA members and that persons who want to remain in the gun club must pay the 1957 SERA dues. The club has a \$3 entrance fee, but no dues. New members are urged to join the group.

Members of the Big Bore Rifle Club may pick up their keys to the new firing range from any of the four officers of the club.

In giving the SHELL-GRAM a few of the more important rules for use of the new firing range, Peal pointed out that no regulations can be made in the place of common sense and safe habits. Some of the rules:

1. No one may use the range in an intoxicated condition and intoxicating beverages will not be allowed on the range. Permanent dismissal from the club will result from the violation of this rule by any member.
2. Guns will be loaded only at the firing line and only prior to firing.
3. No firing will be done while anyone is in front of the firing line.
4. Shooting at animals or birds on the range is strictly forbidden.
5. The farm pond adjoining the range is not included in the lease and must not be used by club members.
6. Members may take guests to the range, but membership cards and keys must not be loaned to anyone who is not a member of the club.

Frank Estes Gets Eagle Scout Award

Frank Estes, son of H. L. Estes, Manager of the Refinery, recently received his Eagle Scout award at a Boy Scout Court of Honor.

Frank is a member of Pasadena Boy Scout Troop 50. Estes serves as Scoutmaster of the troop. Refinery Personnel Representative Fay Hilliard, Commissioner of the San Antonio District presented the award to young Estes and other youths.

Dinner, Show Highlight First Plant Service Party

The Chemical Plant held its first service birthday party last month. Those attending this month were treated to a dinner at Kelley's famous restaurant and later attended a play at the Alley Theater. Approximately 45 ten-and-over employees were present.

Before leaving for the theater, Glenn Purcell, Houston Plant Manager, made a short pre-dinner talk. He told his audience that the Houston Plant now had, with the addition of the 129 new members this year, 547 employees with ten or more years of service.

Purcell closed by introducing the new ten-year members.

Following Purcell, Jimmy Jeter, an Alley Theater actor, talked about how and when the play began. He ended with a short introduction about the

play the guests were to see that night. The group then walked to the theater, which is only two blocks from the restaurant, where they were joined by their wives and husbands.

If laughter and applause can be a measure of enjoyment, all had a pleasant evening of theater.

The next service event took place on October 12. It consisted of a barbecue at Milby Park, followed by attendance at the Rice-Duke football game.

On October 26, there was a dinner at the San Jacinto Inn; after which, the group went to the Pasadena Southwest Championship Rodeo.

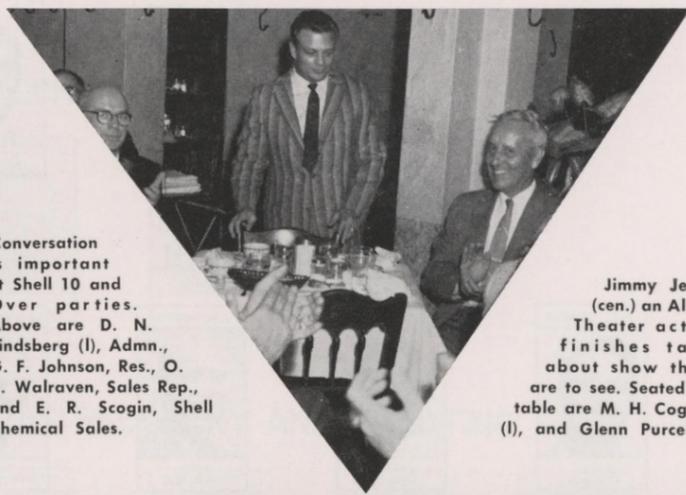
The last event will be held on November 16 and will combine a dinner at the Lamar Hotel with entertainment provided by the Shrine Circus.



First service party of year finds in attendance, C. W. DeLong, Eng., F. N. Waggoner, Eng.-Field, M. L. Cox, P&IR, J. T. Blake, Eng.-Field, and V. J. Kristinek, Eng.-Field.



Conversation is important at Shell 10 and Over parties. Above are D. N. Rindsberg (l), Admn., G. F. Johnson, Res., O. D. Walraven, Sales Rep., and E. R. Scogin, Shell Chemical Sales.



Jimmy Jeter (cen.) an Alley Theater actor finishes talk about show they are to see. Seated at table are M. H. Cogan (l), and Glenn Purcell.



Shown (l. to r.) Dorothy Patterson, Treas., Jim Sims, Chemical Sales, J. P. Britton, J. A. Talen, A Dept., and Helen Brown, A Dept.



D. McKee, Tech., and wife (l.) are pictured with R. Rosencranz, Tech, and his wife in the lobby of Alley Theater.



Pictured (l to r) are R. L. Maycock, Res., K. B. Field, Treas., A. J. Garon, Shell Chemical Agric. Sales, R. G. Jobe, Eng.-Dev.



W. S. Fruland, P&IR, and wife (l.) and Jim Sims, Chemical Sales, and wife wait in Alley Theater for beginning of play.

Permanent Credit Cards Are Issued

By Nov. 1, permanent credit cards will be in the hands of more than 1,000,000 Shell credit card holders.

Since the middle of September, the permanent credit cards have been going out to new and old Shell credit customers. The cards will replace those now in use and are valid as soon as they are received.

The permanent cards are the same as those now in service, with one exception: "Good

Until Revoked" replaces the expiration date below the space for signature on the card. The permanent cards will fit into the same plastic holder.

The permanent card is the latest of many improvements in Shell's retail credit system in recent years. In October 1956, the Company issued new plastic card holders, which, together with time-saving imprinting machines at service stations, gave Shell one of the most modern credit card systems in existence.

J. Y. Thomas Edits High School Paper

Joe York Thomas, the son of E. A. Thomas of the Refinery Machine Shop, has been selected as Co-Editor of the school paper at La Porte High School.

A senior, young Thomas will work with Diane Cade in editing this year's editions of the Orange Pup. The two were voted into office by members of the Publications Club at the school.

Movie--

(Continued from page 1)

Shell started producing in the 1930's when there was very little demand for it. Shell invested in manufacturing facilities at three refineries in the belief that the market for the product could be developed. Early experience with the product enabled Shell to become the leader in supplying aviation gasoline to the nation's airlines.

The film also cites Shell's exploration and production program as an example of what Mr. Burns calls Shell's willingness to take a calculated risk. Although searching for oil is naturally a risky business, 67 cents out of every capital dollar Shell spends goes into the Company's exploration and production program. As a result, today Shell reserves in

the ground are 50 per cent higher than in 1946 and the Company is the third largest oil producer in the United States.

Another example is the research program started in the late 1920's to find ways to utilize refinery gases. This research led to the birth of Shell Development Company and Shell Chemical Corporation and to the development of many products, including butadiene and the world's first synthetic glycerine.

Refinery employees will see the film at a series of on-plant showing beginning about the middle of November.

Chemical employees and families will be invited to see the film at one of three showings in the Deer Park High School Auditorium Nov. 11, 14 or 18. Invitations to a specific showing will be sent to each employee.

Dufresne and Wilmoth Show Fall Fashions

Suzanne Dufresne and Elsie Wilmoth recently represented their high schools in a "back-to-school" fashion show held in Houston. Elsie is the sister of Doris Wilmoth who works in the Chemical Plant Treasury Dept. as a Steno-Secretary. Suzanne is the daughter of H. A. Dufresne, Manager, P&IR.

The girls were chosen to be in the show for their originality in planning a basic back-to-school wardrobe.



Doris Wilmoth Elsie Wilmoth



Suzanne Dufresne

HOUSTON CHEMICAL PLANT



"E" DEPARTMENT STAFF PERSONNEL OCTOBER 1, 1957 (Third Of A Series)



ETHYL ALCOHOL

ETHYLENE PREPARATION-SULFUR PLANT



15 Years Service



C. S. Camp
Opr. (Chem.)

B. E. Daniels
Eng.-Field (Ref.)

J. W. Fosha
Eng.-Field (Ref.)

F. M. Henshaw
Eng.-Field (Chem.)

M. G. Jordan
Gas (Ref.)



J. L. Kolb
Lube (Ref.)

J. L. Lemons
Research (Ref.)

R. H. Marsh
Stores (Chem.)

Emanuel Thomas
Ref. Lab (Ref.)

W. J. Winfree
Eng.-Field (Ref.)

At Refinery

Improved Oil-Water Separator in Use

Another step was taken this month in the Refinery's continuing program for improving the quality of the water entering the Houston Ship Channel as the Effluent Control Dept. put its revised and improved oil-water separator into use.

Previously known as the Secondary Separator, the more efficient unit is now called the Distilling, Dispatching, and Treating Dept. Separator No. 2. As the name signifies, it handles waste water from the three operating unit areas. Renovated at a cost of \$30,000, the separator is expected to im-

prove significantly the separation of oil and water.

This new separator is just one of the many installations added in recent years which have been designed to bring about further improvements in the quality of the Refinery's outlet water.

B. E. Norwood, Manager of the Effluent Control Dept., pointed out that improved effluent facilities in no way replace the need for assistance of operating personnel in preventing the escape of oil, excess water, and chemicals to the sewer systems.

Coasters Lead Bowling Loop

The Coasters led the SERA bowling league by a narrow margin over Aromatics after the first six weeks of the season.

The leaders had an 18-6 mark in the 24-team league compared to 17-7 for Aromatics. Inspection and the Misques were tied for third at 15-9.

Individual bowlers holding honors at this point included A. Washburn with a 209 for the women's high game and W. Noak with a 243 for the best among the men. C. Gable tied A. Washburn at 500 for the best series among the women and T. Stewart had posted a 630 for the best three-game set by a male bowler. He also held high average with a 199.

Gore Named Shift Foreman

A. M. Gore received a promotion on Oct. 1 to Shift Foreman in the Cat. Cracking Dept. at the Refinery.

Gore first came to work at the Refinery on July 10, 1939 as a General Helper in Engineering-Field. He subsequently worked in the Gas Dept. before moving over to Cat. Cracking in 1956. He has worked in this department ever since.



A. M. Gore

10 Years Service

REFINERY

- C. F. Andrews, Eng.-Field
- J. D. Boyd, Eng.-Field
- C. W. Cargill, Lube
- W. B. Cummins, Lube
- C. J. Ford, Lube
- R. E. Ford, Ref. Lab
- R. L. Gibson, Eng.-Field
- L. L. Jenkins, Eng.-Field
- M. E. Klecka, Research
- J. H. Locke, Eng.-Field
- B. R. Lofgren, Eng.-Field
- G. F. Preece, Eng.-Field
- F. L. Shoemaker, Eng.-Field
- L. F. Strange Jr., Eng.-Field
- E. G. Suhr, Eng.-Field
- E. E. Vogelsang, Eng.-Field
- D. B. West, Eng.-Field

Two Shell Daughters Lead Rainbow Girls

Miss Sibyl Norwood, daughter of Mr. and Mrs. B. E. Norwood, was installed on Oct. 1 as Worthy Advisor of the Mark Sexson Assembly No. 255, Order of the Rainbow Girls succeeding Miss Sammie B. Eskridge, daughter of Mr. and Mrs. C. B. Eskridge.

Norwood is Manager of the Effluent Control Dept. at the Refinery and Eskridge is a Recovery Operator No. 1 in Lube B.

A junior at Pasadena Senior High, Miss Norwood is active in the school band, the Methodist Youth Fellowship, the Creative Writing Club and the Junior Achievement Organization.

Miss Eskridge is a 1955 graduate of Pasadena High and is currently attending Lamar Tech College. She is a baton twirler in the Lamar band and a pledge of Alpha Chi Omega Sorority. An "A" student in high school, Miss Eskridge was also a member of the concert band and was an Eagle Rockette twirler for four years.



Miss Eskridge



Miss Norwood

Who's New

REFINERY

- Sept. 21—Connie Lynn, daughter of Mr. and Mrs. E. C. Mechura, Eng.-Field
- Sept. 29—Victoria, daughter of Mr. and Mrs. Pete Lanchak, Aromatics
- Oct. 5—Mary Ann, daughter of Mr. and Mrs. L. G. Hamilton, Eng.-Office

HOUSTON REFINERY



CATALYTIC CRACKING DEPARTMENT

STAFF PERSONNEL

OCTOBER 1, 1957
(Third Of A Series)



TECHNOLOGICAL



TECHNOLOGICAL



CATALYTIC CRACKING



GAS RECOVERY AND TREATING



Three Refinery Employees Retire

Oct. 1
Elsa Graham, J. T. Larkin and J. B. Masterson climaxed their Refinery careers Oct. 1 when they joined the ever-growing group of Shell pensioners.

Mrs. Graham was Stenographer in the Technological Dept.; Larkin was a Machinist No. 1, and Masterson was a Pipefitter No. 1. All three employees' plans are to remain in this area and two of them are planning to operate small businesses based on their hobbies.

Retiring after more than 22 years of Shell service, Mrs. Graham plans to continue living at 141 Woodvale in Houston. She came to work at the Refinery on May 20, 1935, as a Ditto Operator. She became a stenographer the following

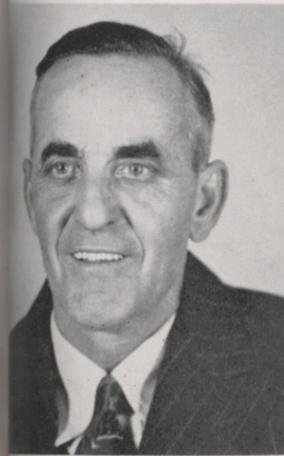
year and spent most of her time in the Treasury Dept., moving into the Tech. Dept. on July 1, 1954.

Larkin, who is planning to operate a repair business for small appliances and power tools, lives at 4219 McKinney in Houston. He worked as a Machinist throughout his Shell career which started here at the Refinery on Dec. 6, 1938.



Elsa Graham

Masterson came to work for Shell on May 3, 1935, as a Laborer and retired with plans to operate a small ceramics hobby shop in Deer Park, where he lives at 1213 Ivy. He moved into the Pipe Shop exactly two months after coming to work and stayed there the rest of his career.



J. B. Masterson



J. T. Larkin

New Employees

CHEMICAL ENGINEERING LABORATORY
Bertha Mae Crouch, Typist

D. P. Allen, Lab. Ass't.
J. J. Baliker, Chem.
L. F. Sekula, Chem.

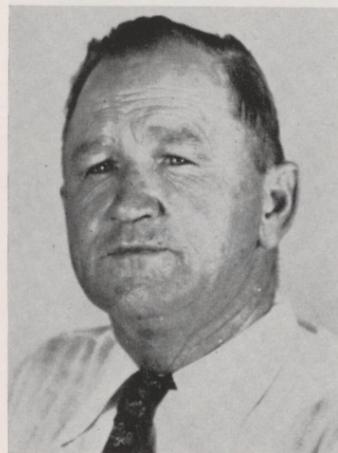
RESEARCH
S. V. Giammalva, Lab. Ass't.
J. R. Grole, Lab. Ass't.

TREASURY
Nancy Evans, Steno.
Joe Ann Smith, Jr. Clerk.

REFINERY ENG-OFFICE
Donald J. Irby, Jr. Draftsman
Martin S. Rouse, Design Draftsman

RESEARCH
Willie Lee Scott, Stenographer
John A. Graves, Jr. Lab. Asst.
Sara F. Davenport, Jr. Clerk
Donald W. Miller, Group Leader
Lillian L. Galub, Research Eng.
Ray N. Milum, Jr. Lab. Asst.

TREASURY
Catherine J. McGough, Research Chem.
Mary E. Sheffield, File & Mail Clerk



Roy Shipp

Retiree Shipp Dies Sept. 25

We regret to report the death of Refinery Pensioner Roy Shipp in Venezuela on Sept. 25.

Mr. Shipp, who retired on June 1, 1951, after more than 21 years of Shell service, suffered a heart attack while working for a construction company at Cordone, Venezuela. He was a Pumper No. 1 in the Main Oil Pump House at the time of his retirement.

A long-time resident of La Porte, Mr. Shipp was a Past Master of the La Porte Masonic Lodge No. 857 and a member of the Lions Club and the Community Church in La Porte.

We extend sincere sympathy to the family of Mr. Shipp in this period of grief.

FOR SALE

1956 Super 88 Oldsmobile, fully equipped. Babied by one owner. Like new. UN-2-4604 or UN-2-6795.



JAKE KOBLER, Editor

(Refinery)

R. L. BURGET, Associate Editor

(Chemical Plant)

Staff photographers: Sam Davis, Al Locke

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Trains No Longer Limited to Land; Travel On Water

In this era of modernization, it will probably amaze few to learn that trains are no longer limited to traveling on rails. In fact, the Chemical Plant's Shipping Dept. has been moving railroad cars from this plant to destinations in New Jersey by water for several months.

The method used to transport such cars is called "Seatrains." Seatrain ships are capable of holding 108 fully loaded boxcars. Although moving a car from this plant to the dockside loading point and placing it in the ship's hold is complicated, it is actually faster than moving the car in a regular train. Besides the advantage of speed, the Seatrain is less expensive, which is a common advantage when moving by sea.

On an average of eight to ten cars are moved from this plant to Edgewater, N. J., by this method each month. Products shipped are EPON (R) resins and Bisphenol-A. The reason for shipping these products is the increased demand for them in the northern markets. In order to take advantage of lower rates, all cars must carry a minimum of 70,000 pounds. Since EPON resins

and BPA can be bagged or drummed and stacked in the cars from floor to ceiling, it is usually easy to take advantage of the reduced rate.

Last year, the North Jersey Warehouse and Sewaren Terminal were established to provide storage space for EPON resins and BPA. This depot makes it possible to provide interested customers with these products without undue delay. The demand for products and the stock level determine the frequency of shipment.

The operation of moving rail cars by Seatrain begins in this plant when the Shipping Dept.'s loaders load the car.

When the car is loaded and properly sealed, a Port Terminal Commission switching engine moves the car into Houston. From Houston, the car is moved to Texas City with an entire train of other cars to be shipped via Seatrain.

Once in the dock-side yard, another switch engine takes over and begins one of the most unusual methods of loading yet devised. Pulling one car at a time, the switch engine pulls it onto a cradle. This cradle is part of a 125-ton lifting crane which lifts the car up over the



Switch engine moves car loaded with bagged EPON(R) resins along side Seatrain ship. Freight car is left on barge preparatory to being lifted on to the ship. This system is well regulated so one car is loaded every five minutes.

side of the ship and down into the hold.

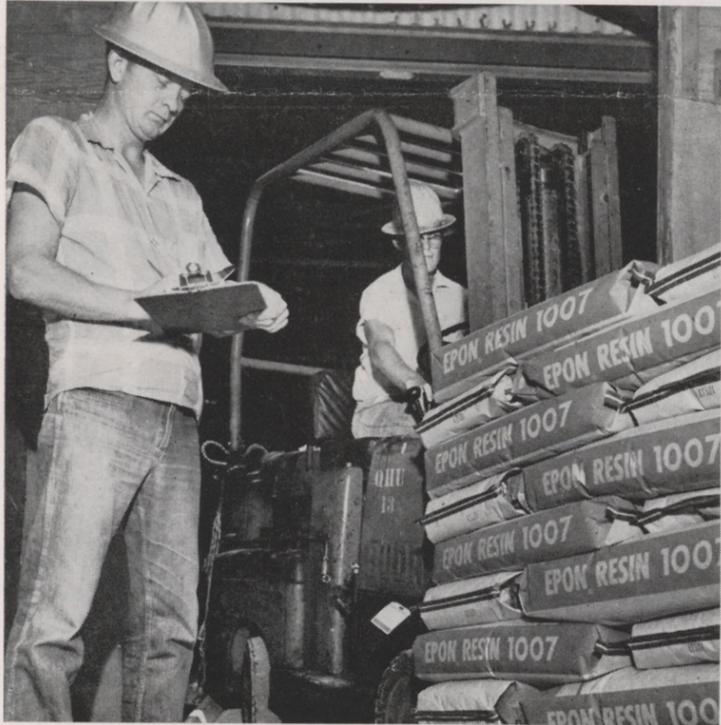
There are four levels at which the cars can be placed. Since each car has a different weight, they must be placed in just the right spot to keep the ship in balance. Any deviation could give the ship a danger-

ous list that could mean trouble during the trip.

When the car reaches the appropriate deck, it is pulled off the cradle and into position by a steam winch. All cars are secured by use of wheel chocks, jacks, and turnbuckles. These are all safety measures

to keep the car from moving during the voyage.

When the ship leaves Texas City, it takes the most direct route to New Jersey. Holding close to the southern coastline it moves around Florida and then up the eastern coast to its destination.



M. E. Swain, Loader, Shipping Dept., checks a load of EPON resins 1007 being brought into rail car from warehouse by H. J. Schnieder, Loader.



Car and cradle shown being lifted over the side of ship are supported by a 125-ton crane. This lifting tonnage is necessary since the car is loaded with about 70,000 pounds of Epon resins.

25 Years Service



E. R. Butler
Eng.-Field (Ref.)



W. W. Stokes
Eng.-Field (Chem.)

Pocina Wedding Set in Chicago

John Pocina of the Refinery Drafting Room plans to marry Miss Amelia Peters of Chicago on Nov. 24 at the Assumption Greek Orthodox Church in Chicago.

The couple will make their home in College Station where Pocina will attend Texas A&M on a scholarship granted by the Aggie Alumni Association. He plans to major in mechanical engineering.

A Shell employee for almost five years, he previously worked in the Welding Shop.

Only 38 years ago, it took twice as much crude oil to produce a gallon of gasoline as it does today.

10 Years Service -- Chemical

- C. Adams, Eng.-Field
- E. R. Baldwin, Eng.-Field
- E. Barrett, Eng.-Field
- H. R. Brooks, Opr.
- I. F. Callaway, Opr.
- J. E. Collins, Eng.
- A. E. Corll, Eng.-Field
- W. Evans, Eng.-Field
- H. L. Fannin, Eng.-Field

- B. C. Gregg, Opr.
- N. M. Hartman, Eng.-Field
- E. A. Janquart, Eng.-Field
- R. L. Martin, Eng.-Field
- P. E. Ohls, Treas.
- J. L. Tipton, Stores
- C. S. Wolfe, Eng.-Field
- J. D. Wyant, Eng.-Dev.

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