

shellegram



SHELL OIL COMPANY
HOUSTON REFINERY

SHELL CHEMICAL CORP.
HOUSTON PLANT

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HOUSTON, TEXAS

JUNE, 1959



THE FIRST MEETING of the year for the new SERA Board is attended by (around table) Dottie Morgan, secretary, and Board members Jack Minter, Billy Lain, Jay Dalehite, Jimmy Lee and Gloria Schammerhorn. Standing are Business Manager Fay Hilliard, Buddy Yannazzo, Club Manager John Connolly, Otto Bopp, J. W. Peters, J. B. Floyd and Claude Fisher.

Jack Minter Elected President Of SERA Board of Directors

Jack Minter of the Chemical Plant Pipe Shop was elected president of the SERA last month as six newly elected members filled posts on the Board of Directors. Buddy Yannazzo, Refinery P&IR, was elected vice-president.

Elected by the SERA members at the Chemical Plant to represent them during two-year Board terms were Gloria Schammerhorn, Engineering; Billy Lain, Boilermakers, and Jay Dalehite, Shipping. New Board members from the Refinery are J. B. Floyd, Fire and Safety; Otto Bopp, Aromatics; and Jeff Barber, Machine Shop.

Old Board members remaining with the group for another year are J. W. Peters, Pipe Shop and Minter from Chemical and Jimmy Lee, Refinery Lab, Claude Fisher, Welding Shop, and Yannazzo, all of the Refinery.

The new Board held the first meeting of its business year on May 20. Then on May 26 the SERA held its annual general membership



E. Kinkaid

meeting at Gulfgate auditorium with some 130 persons attending in order to meet the Board members and discuss future plans and operations of the recreation organization.

Much of the discussion at the May 20 Board of Directors meeting centered around the annual picnic. Other business included the approval of a contract with J. L. Selman of Texas City to build the 35 by 80-foot patio adjacent to the Club House at Shellwood at a

Kinkaid Earns LaPorte's Top Jaycee Award

E. Kinkaid, Machinist No. 1 at the Chemical Plant, was recently cited as the Outstanding Jaycee of the Year by the LaPorte Junior Chamber of Commerce.

In making the award the Chamber recognized Kinkaid's many contributions to the success of the organization's community service activities.

One of the group's main projects, and one in which Kinkaid has been very active, is the financing and construction of the LaPorte Jaycee Youth Center. Work has already begun on the 40' x 80' brick and masonry recreation building which when completed will serve as headquarters for both the LaPorte Teen Club and the Jaycees.

Kinkaid has been a member of the Chamber for three years and last year served as Secretary of the organization.

cost of \$2,859.32. This patio was completed and put to use at the annual picnic June 13.

Approval was granted for a budget of \$400 for the 1959 style show to be held Oct. 5 in the Grand Ballroom of the Rice Hotel. Style show chairman Gloria Schammerhorn reported that the event would be a dinner show this year with Battelstein's presenting the fashions.

Assisting Miss Schammerhorn with the show this year are Doris Winner and Doris Wilmoth, both of the Chemical Plant.

In other action at the new Board's first meeting, approval was granted for the purchase of a \$150 incinerator for Shellwood.

In addition to the Board report of last year's activities and the general discussion of SERA programs, door prizes were awarded to lucky members attending the annual meeting.

Winner of the grand prize 17-inch television set was E. C. Raugh, Chemical. W. E. Jensen, Refinery, J. M. Nelson and J. M. Baldwin, both Chemical, received Miracle transistor radios.

Continental transistors were won by T. L. Wilson and G. T. Herren, both Refinery, and Ed Stanley, Chemical.

Miss E. W. Young of Chemical received a variety of auto services donated by Mitchell's Shell station in Pasadena, while R. M. Smith, also Chemical, received a variety of services from the Paty General Tire Co.

Lambin Named Manager Of Aromatics Department

L. J. Lambin has been named Manager of the Aromatics Department, it was announced by Refinery Manager John Tench. He fills the vacancy caused by the recent death of Mr. C. L. Marshall.

Lambin, who began his Shell career in 1943, was working as an Assistant Manager in the Catalytic Cracking Dept. prior to this move. Joining the Company following his graduation from the Illinois Institute of Technology, Lambin's first assignment was at Wood River, where he worked in the Technological and Lubricating Oil departments.

In 1947 he was transferred to Head Office, Manufacturing Development and one year later came to the Houston Refinery where he has remained since that time. He was assigned to the Lubricating Oils Dept. here, becoming an Assistant Department Manager in that department in 1954.

In June, 1958, he was transferred to the Cat. Cracking Dept., where he served until his most recent change.

Tench also announced that the previously announced transfers within the Cat. Cracking and Aromatic Depts. of H. J. Jacquemin, V. A. Maggio and G. A. Martin would be postponed indefinitely.



L. J. Lambin

Chemical Plant Representatives Present Awards to Graduates

Four representatives of the Chemical Plant, acting in behalf of the Texas Chemical Council, recently presented slide rules to six graduating high school students. The slide rule award recognized the graduate's selection as his school's outstanding science student.

Presenting the awards this year were: H. A. Dufresne, Manager, P&IR; W. A. Gabig, Assistant Chief Engineer — Field; V. W. Wilson, Manager, Technical, Industrial Chemicals; and K. L. Mai, Asst. Dept. Manager — G. Operations.

Joseph M. Green was selected for the award at St.

Thomas High School. Joseph ranked No. 1 in his class and was vice-president of the Science Club. At Milby High School, Ralph Huffman was the award winner. Ralph was graduated fifth in his class.

Related Pictures, Page 2

St. Agnes Academy selected Carmelite Sweeney to receive the slide rule. In addition to being an A student, Carmelite was president of Quill and Scroll, recipient of several writing awards, and a member of the National Honor Society. Martin Leonard, a football-playing scholar from Marion High School was recognized as his school's outstanding science student. He stood in the top 10 percent of his class.

Another young man who was graduated in the top 10 percent of his class and received the Chemical Council Award was Maurice Blackman. Maurice was the outstanding science student from St. Pius X High School. George M. Harris III, the Mt. Carmel High School recipient, had already received many awards for his scholastic accomplishments in the field of science. He was named as his school's outstanding science student in 1957 and 1958

See SLIDE RULE, Page 2

Shellwood Pool Open Six Days

The swimming pool at the SERA grounds near Friendswood is now open every day, except Tuesday, from 10 a.m. till 8:30 p.m.

Adult members and guests may swim for 25 cents each; children 12 years old and under are admitted for 15 cents. The wading pool is free.

Fully qualified life guards are on duty at all times when the pool is open.

Refinery Man C. A. Williams Retires June 1

C. A. Williams, Operator No. 1 in the Refinery Thermal Cracking Dept., became a Shell pensioner June 1 to write a happy finish to more than 22 and one-half years of Company service.

Williams got his start with Shell right here at the Refinery in October, 1936, as a General Helper in Engineering Field. He signed into the Thermal Cracking Dept. the following June as a Pressureman on Dubbs 9. He spent the remainder of his career working in the Dubbs Units.

Williams plans to continue to live in Houston, but has no definite retirement plans other than catching up on a lot of things he has always wanted to do.

35 Years Service



R. R. Cooper
Treating (Refinery)

Mrs. Fay Hilliard Wins Scholarship For Summer Study

Mrs. Fay Hilliard is currently attending an advanced mathematics course at Central Michigan College on a scholarship granted by the National Science Foundation.

The six-week course, "Insights into Modern Math," carries six hours of graduate credit and runs from June 22 to July 31. Hilliard is Personnel Representative in the P&IR Dept. at the Refinery.

Mrs. Hilliard's parents and her two youngest children accompanied her to Michigan, and Hilliard will join them at the end of July for a return vacation trip down the East Coast.

A junior high mathematics teacher, Mrs. Hilliard has been teaching in Deer Park for the past 10 years. She holds a B. A. degree in English from Rice and a M.Ed. from the University of Houston and has done more graduate work at S.M.U.

Opal Thanks

Mrs. Opal Hickman Knudson wishes to thank her many friends who had a part in the wonderful retirement party and who contributed to the beautiful watch and gift.

Opal said she had truly enjoyed her 24 years at Shell and was missing everyone around here. She is looking forward to a visit from her Shell friends at her new home in Albuquerque, N. M.



C. A. Williams

Shell's New Mine Fluid Won't Burn

The introduction of Shell 3XF* Mine Fluid early in June is expected to make mining a much safer occupation.

Most mining machines are operated by electricity through a trailing cable, and short circuits and overheated motors cause many mine fires. Hoses on these machines carry hydraulic fluid under high pressure and rupture when exposed to open flame. The fluid feeds the fire and sprays any machines and miners in the area.

Shell 3XF Mine Fluid emulsion, unlike mineral oil which is the common hydraulic fluid used in mines, is fire-resistant. It has a built-in fire extinguisher, namely water.

Each microscopic droplet of water is surrounded by a tough film of lubricating oil. On exposure to open flame, high voltage arcs or hot metal, the fluid's water content is immediately released as a steam blanket to quench any source of combustion.

The new product is supplied as an oil concentrate which is mixed with drinking water on the job. It meets all requirements for a high-quality hydraulic fluid and is priced at a level to attract wide-spread adoption.

The U. S. Bureau of Mines has evaluated and approved the product for use in mining machinery. The first of many tests conducted by the Products Application Dept. was made in a coalmine in the Fairmont Field of West Virginia which was the scene in 1907 of the worst coal mine disaster in American history.

The new material was developed by the Martinez Research Laboratory as an outgrowth of research on Shell's IRUS** 902 Fluid, the fire-resistant hydraulic emulsion which is finding wide acceptance in industrial plants.

* Trademark Shell Oil Company
** Registered Trademark,
U.S. Patent Office

Slide Rule—

(Continued from Page 1)

and this year was one of the winners of a trip, sponsored by the Navy League, to White Sands, N. M.

The Texas Chemical Council sponsors these awards as a means of interesting young people in a technical career. The winners each year are also eligible to compete in an essay contest for six scholarships.

Brother of Kay Gold Has Novel Published

Kay Gold of the Refinery Duplicating Section is mighty proud of her brother these days.

Well she should be because he is the author of a published novel. Kay's brother is Lt. Col. Grover Heiman, Jr., a senior navigator in the Air Force and a budding fiction writer.

Jet Navigator is the title of Col. Heiman's novel which he wrote in cooperation with Rutherford Montgomery, nationally prominent free lance writer. The book tells the story of an aviation cadet who flunks out of pilot training because of eye trouble.

He goes into training to be a navigator, but his disappointment over not becoming a pilot blinds him to the importance of the navigator's role in the Air Force. It takes a harrowing experience in a B-52 jet bomber to show the young officer the necessity of all the jobs and of teamwork on the big planes.

Lt. Col. Heiman attended Lee College, the University of Texas and the University of Southern California before becoming a flying cadet in 1941. He has now logged more than 3,000 hours of flying time as a navigator, serving overseas in Alaska, Greenland, England, Puerto Rico and Morocco.

WATCH YOUR HANDS

Hands and fingers are involved in more than one-fifth of all occupational injuries. Since these areas are more difficult to protect than most other parts of the body, alert working habits are especially important for preventing such accidents.

His last station was in California, but a recent transfer has taken him to the Pentagon. He is married and has two sons and two daughters.

In 1953 Col. Heiman won the Air Force nation-wide short story contest and since that time has done free lance work in his off-duty hours, landing short stories in a number of national magazines.



L. C. Tuggle

Layton Tuggle Receives Senior Navigator Wings in AF Reserve

The navigator's wings Layton Tuggle now wears on his Air Force Reserve uniform may not look unusual to the casual observer, but to Air Force men they tell the story of a unique accomplishment.

Tuggle, of the Refinery Engineering Office Dept., recently was awarded his Senior Navigator Wings, becoming the first Reserve member at Ellington to receive such an honor. In fact, he is one of the few Reservists in the country to have earned such wings.

A captain in the 446th Troop Carrier Wing and squadron navigator for the 704th Troop Carrier Squadron, Tuggle earned these Senior Wings by completing a total of 2,000 hours of flying time as a navigator. A quick mathematical computation shows this totals more than 83 days in the air, or a lot of time away from earth.

In addition to completing the required hours, Tuggle also had to pass comprehensive flight tests and written examinations to qualify for the

wings. The requirements for member of the Reserves earn these wings are exactly the same as for a person on regular duty with the Force.

Tuggle built up his 2,000 hours by starting back in World War II when he flew with the old Army Air Corps in the European Theater as a navigator. He was shot down during the war and spent months as a prisoner of Germans.

He has been a member of the Reserves constantly since 1945 except for 21 months during the Korean War when he was recalled to active duty and served as an instructor at Ellington.

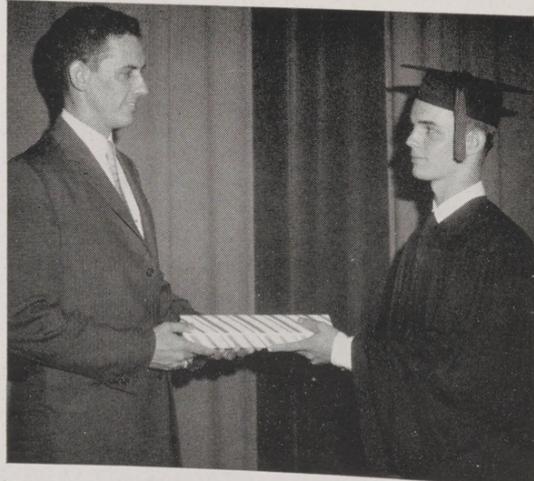
It took about 300 hours flying in 1958 to put Tuggle over the 2,000-hour mark. The flying all came on week-ends such as the recent one spent flying practice drops of bombs for troops at Fort Campbell, Ky., or during the annual weeks of active duty training for which Shell grants reservists a leave of absence.



K. L. MAI, ASSISTANT Department Manager-G Operations, hands slide rule to Martin Leonard at Marion High School.



CHEMICAL P&IR Manager H. A. Dufresne presents slide rule to Joseph M. Green of St. Thomas High School.



RECEIVING HIS slide rule award at St. Pius X High School is Maurice Blackman; presenting it is W. A. Gabig, Assistant Chief Engineer-Field presents award.



V. W. WILSON, Manager-Technical, Industrial Chemical Division, attended ceremonies at Milby High to present slide rule award to Ralph Huffman.

Science Fair First Prize to Chemical Son



Charles Bautsch III.

First prize in the first annual Science Fair at Jane Long Junior High School is an honor garnered by 14-year-old

Charles, son of C. E. Bautsch Jr., Operator No. 1, G. Operations, Chemical Plant, was a ninth grade student this past year at the new school in Bellaire. Young Bautsch's prize-winning project was a short wave radio transmitter that he built and operated himself.

The project was also entered in the city-wide Science Fair held at the University of Houston. It was judged as the third best entry out of more than 300 projects considered.

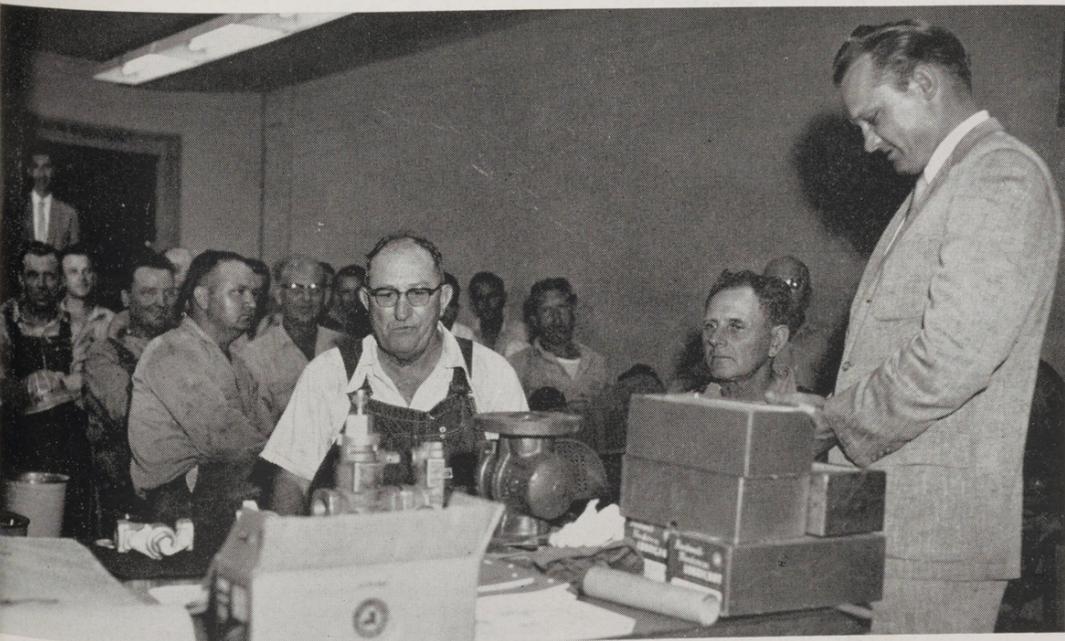
Plug Valves Are Subject For Training

A training program designed to improve the care and maintenance of Nordstrom lubricated plug valves was presented to Refinery Pipefitters and Valve Repairers this month.

Two representatives of the firm which makes the valves, the Rockwell Manufacturing Co., came to the Refinery to present the two-hour program five times in a two-day period. The sessions were devoted to a discussion of the operating fundamentals of and maintenance procedures for this type of valve, used throughout the Refinery.

Actual valves were used for demonstration purposes and a movie about the invention of the valve in 1914 and its development was shown.

Rockwell representatives presenting this program, a part of the varied and continual craft training program in Engineering Field, are R. F. Crosson and Ben Geaslin.



PRIOR TO THE BEGINNING of the class on the maintenance of Nordstrom lubricated plug valves, Refinery Pipefitters No. 1 (foreground) G. W. Amonette and A. E. Walter came up front to look over a display of the valves. Standing at the right is one of the instructors from the Rockwell Manufacturing Co., R. F. Crosson, while the other, Ben Geaslin, stands at the rear of one of the five groups of Pipefitters and Valve Repairers taking part in the program.

Martha Bryant Gets Top Bowling Prize

Martha Bryant, wife of M. C. Bryant, Chemical Shipping Dept., recently added to her bowling laurels as well as the family larder with a first place in the state women's tourney sponsored by the Bowling Proprietors Association.

Her sizzling 721 took the first place singles prize of \$200 at the Oak Forest Lanes. Her scratch series in this event was 573, but she bowled an even better three-games in the Pasadena elimination round, posting a 583 scratch.



LOOKING OVER THE yearbook of Austin High School are Ety Mathews (left) of the Refinery P&IR Dept., her nephew, Jerry Coumelis, and her sister, Mrs. Pauline Coumelis. Jerry is attending a special math course at Rice this summer.

Ety Mathews' Nephew Takes Math at Rice

One of the top 25 high school mathematics students in Houston attending a special high-level math course at Rice Institute this summer is Jerry Coumelis, nephew of Ety Mathews of Refinery P&IR.

A junior at Austin High School, Jerry was selected to attend the five-week course on the basis of scholastic record, teacher's recommendations and the results of a standard college entrance examination administered by Rice. He is the son of Mrs. Pauline Coumelis, Miss Mathews' sister.

Given under the sponsorship of the Houston Independent School District, the course is designed to broaden the student's knowledge of math by intensive study in fields not ordinarily covered in high school, such as symbolic logic, the real number system, probability, stochastic processes and games of strategy.

Students will also attend lectures by members of the Rice faculty in engineering and scientific fields and pay visits to a number of local industries.

In addition to his interest in math, Jerry is an enthusiastic hot rodder, owning a 1934 Ford with a 1954 Oldsmobile motor, to which he devotes hours of excellent care. He also plays in the orchestra at Austin, is a member of the Key Club, the Library Club and the Booster Club. Filling out a busy daily schedule, Jerry also works part time in a grocery store.

Jerry has also taken advanced math courses at Austin in line with his ambition to study nuclear physics at Rice.

30 Years Service

H. M. Archer
Eng.-Field (Refy.)



B. B. Dorrell
Dispatching (Refy.)



Marx Isaacs
Technological (Refy.)



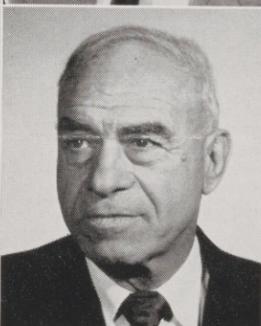
Glenn Purcell
Administrative (Chem.)



E. G. Saxon
P&IR (Chem.)



G. L. Stewart
Treating (Refy.)



W. G. Vance
Eng.-Field (Refy.)



T. L. Wilson
Dispatching (Refy.)

10 Years Service

REFINERY

- D. O. Baker, Engineering Field
- M. L. Bottera, Refinery Lab
- W. L. Carraway, Lubricating Oils
- R. G. Eveld, Refinery Lab
- T. W. Mason, Refinery Lab
- Jan Samson, Research
- L. J. Sternat, Engineering Office
- J. P. Thomas, P&IR
- H. L. Varnes, Engineering Field
- W. W. Wright, Thermal Cracking

CHEMICAL

- L. W. Horstman, Shipping
- R. L. Parnell, Purchasing-Stores

Metcalf Elected

Brooks Metcalfe, Refinery Research Laboratory, was recently elected president of the Edgewood Civic Corp., a subdivision organization working for the betterment of that particular area.

Burleson Runs Flower Shop



B. L. Burleson, a Refinery Pensioner since 1953, is pictured with his wife at their business site in Galena Park. Mr. and Mrs. Burleson own and operate the Burleson Florist at 1804 Clinton Drive.

Located at the same address for the past nine years, Burleson Florist recently expanded its facilities to better serve its customers. Among the many improvements mentioned by Burleson are: an 8' x 10' walk-in refrigerator, a 3' x 6' x 8' display refrigerator, central air conditioning, a 12' x 18' green house, and a humidifying fan for coolness and humidity control through the summer months.

Burleson, who worked in the Treating Dept. until his retirement October 1, 1953, sends along a "thank you" to his many friends who have been both friend and customer during the years since his retirement.



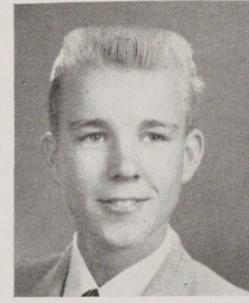
Class of '59



Betty Ann Barnes
 Daughter of Mr. and Mrs. R. L. Barnes, Operator "A" Dept., Chemical, graduated from South Houston High. Was finalist in National Merit Scholarship competition and elected Most Studious Girl; member of Slide Rule, Tri-Hi-Y and Science clubs; treasurer and historian of Library Club. Going to University of Texas.



Gary Boatright
 Son of Mr. and Mrs. G. L. Boatright, Refinery P&IR, received his diploma from Pasadena High. Served as Master Counsellor Pasadena Chapter Order of DeMolay; was an officer in school band. Planning to study engineering at the University of Texas.



Bill Bryan
 Son of Mr. and Mrs. W. P. Bryan, Refinery Technological Dept., finished high school at Jesse Jones and will go to North Carolina State to study chemical engineering. He is vice president of Metal Engineering Co. which won first place honors in the city and district Junior Achievement competition, and he will take part in the national competition later this summer in Indiana.



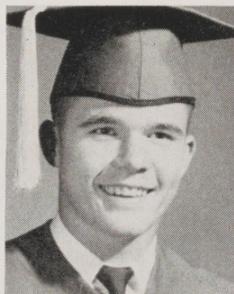
Floyd Cleveland
 Son of Mr. and Mrs. J. Cleveland, Chemical Machine Shop, graduated from Austin High where he was active in ROTC activities, serving as a lieutenant colonel, receiving the PMS & T cord for highest military honors in the city and a special citizenship award; member of C.S.U., Boyer Club and dance team; an Eagle Scout; active in church choir and youth group. College plans incomplete.



Patricia Compton
 Daughter of Mr. and Mrs. C. A. Compton, Refinery Dispatching Dept., finished at Pasadena High. She won a Future Teachers of America scholarship and the Rainbow award from the Francis Sexton chapter; took part in senior play. Will attend Sam Houston State to major in history with a teaching goal in mind.



Dolores Jo Dillon
 Daughter of Mr. and Mrs. P. B. Dillon, Refinery Electrical Shop, graduated from St. Agnes Academy where she was a member of the Junior Red Cross. Plans to attend Dominican College to study nursing.



Bob Dorrell
 Son of Mr. and Mrs. B. B. Dorrell, Refinery Dispatching, is a Deer Park High graduate. Participated in football, basketball, baseball three years; president of student body; Most Likely to Succeed; chosen Mr. Deer Park; mayor of Deer Park for a day; Boys' State Representative; scholarship for highest ranking boy; member National Honor Society. Will attend Texas to study business, pre-law.



Mary Nell Doughtie
 Daughter of Mr. and Mrs. A. C. Doughtie, Refinery Salvage Repair, graduate of Pasadena High. Plans to attend Sam Houston State and major in elementary education.



Frank W. Estes
 Son of Mr. and Mrs. H. D. Estes, Economics and Scheduling, Refinery, graduated from Ashville (N. C.) School for Boys which he attended on national honor scholarship; president Dramatics and Photographic societies; member of choir and Blue Notes, singing group; photographic editor of school paper; three-year letterman in basketball and track. Will enter Yale University in September.



Erma Lee Fields
 Daughter of Mr. and Mrs. A. W. Fields, Refinery Insulation Shop, graduate of Pasadena High. Secretary of A Cappella choir; member Rainbow Girls and Eastern Star; DeMolay Duchess; junior year; chosen Most Beautiful Girl. Attending St. Louis Institute of Music this summer; will enter Louisiana State to major in secretarial science.



Charles S. Ford
 Son of Mr. and Mrs. S. F. Ford, Catalytic Cracking, is a June graduate of Austin High. Member of National Spanish Honor society; past Master Counsellor of DeMolay; member basketball and swimming teams. Will enroll at University of Houston as a mechanical engineering student.



Diane Foster
 Daughter of Mr. and Mrs. H. R. Foster, Chemical Plant "G" Dept., is a Milby High honor graduate. Member of Future Business Leaders; National Honor Society; majorette and flutist in band; maid in the '57 Carats. Planning to work as secretary while attending night school at the University of Houston.



Annie Bell George
 Daughter of Mr. and Mrs. Paul George, Refinery Labor Dept., graduate of Drew High. Secretary of Future Homemakers of America; senior class secretary; member Dramatic Club, Top Teens Club and of youth club at church.



Charles Goehring
 Son of Mr. and Mrs. C. L. Goehring, Refinery Boilermaker Shop, received diploma at Pasadena High. Two-year football letterman; member Hi-Y Club and First Methodist Church. Plans to study business administration, but college not yet selected.



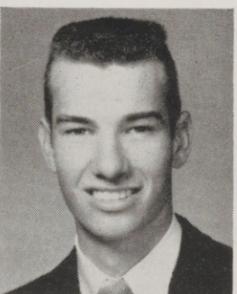
E. G. Griffin Jr.
 Son of Mr. and Mrs. E. G. Griffin, Sr., Refinery Machine Shop, received degree in chemical engineering at the University of Texas in January. Now employed by Hughes Tool Co. in Houston.



Judy Kathryn Hatcher
 Daughter of Mr. and Mrs. J. M. Hatcher, Dispatching Dept., graduated from Milby High the same school her mother and father graduated from 25 years ago. She plans to major in elementary education at Sam Houston State.



Marilyn June Hebert
 Daughter of Mr. and Mrs. A. P. Hebert, Chemical Machine Shop, finished at Pasadena High where she was a member of the Math, Engineering and Science Clubs and president of the Future Nurses group; member Rainbow Assembly 93; won honorable mention in Foley's scholastic art award contest. Attending Southwest Business College.



Donny Henderson
 Son of Mr. and Mrs. J. W. Henderson, Refinery Tin Shop, graduated from Milby High. Served as senior cheerleader; president of Christian Student Union; chaplain of Hi-Y; Life Scout; monthly Junior Rotarian; junior deacon Magnolia Christian Church. Will study personnel work at Texas A&M.



Jimmy E. Herrington
 Son of Mr. and Mrs. E. W. Herrington, Refinery Purchasing-Stores, is a graduate of Pasadena High. Chosen best dressed senior boy. Will enroll at Sam Houston State.



Don Hyatt
 Son of Mr. and Mrs. C. C. Hyatt, Refinery Treasury Dept., is a magna cum laude Milby High graduate who plans to enter Rice Institute in the fall to study astro-physics. A member of Lambda Sigma Alpha, National Honor Society, National Forensic League, Astronomy Club. President of youth group at church.



Leroy Herren
 Son of Mr. and Mrs. C. W. Herren, Refinery Instrument Shop, received a B.S. degree in physics at Texas A&M and was graduated with second highest grade average among physics majors. One-time holder of world water ski jump record. Now working on M.S. degree in physics at A&M.



Martha Lee Kitzmiller
 Daughter of Mr. and Mrs. G. L. Steiner, Lubrication Dept., graduated from Pasadena High where she was a member of band, Deer East and annual staff. Class president; member National Honor Society; 1958 scholastic League district shorthand winner; Miss Park runner-up; D.A.R. citizenship award runner-up. College plans incomplete.



Jane Ann Leach
 Daughter of Mr. and Mrs. M. O. Leach, Engineering Dept., Chemical, is a graduate of Pasadena High. Member of marching and concert bands, National Honor Society, Grand Cross of Color; Past Worthy Advisor of Rainbow Girls; Miss Personality Plus; junior editor of Pasadenian staff; Rotary Ann for March; Junior Achievement Company Sweetheart. Will attend University of Texas.



Lana Matthews
 Daughter of Mr. and Mrs. J. W. Matthews, Catalytic Cracking, received her high school diploma from Austin High where she was a sergeant in the Scottish Brigade. She plans to enter Texas Christian University this fall.



Alan Maycock
 Son of Mr. and Mrs. R. L. Maycock, Director of Research and Development, Chemical, graduated from Newton High in Newton, Mass., and will enter Harvard University in the fall to study chemistry.



Byron L. McLaughlin
 Son of Mr. and Mrs. M. L. McLaughlin, Refinery Instrument Shop, graduated from Jones High and is going to study commercial drafting at Southwestern Business College to train for a career in the architectural business. A member of the Robert E. Lee Chapter, Order of DeMolay.



Congratulations—Shell Sons and Daughters



John Charles Moorman
 Son of Mr. and Mrs. W. A. Moorman, Engineering-Field, Chemical Plant, is a graduate of Galena Park High. Member of National Honor Society; president of Science Club; vice-president of Math Club. Plans to attend University of Texas.



Barbara Ann Nelson
 Daughter of Mr. and Mrs. J. R. Nelson, Chemical Welding Shop, finished at Austin High where she belonged to Junior and Senior Sub Debs, Christian Student Union, Art Club, Future Nurses Club, Spanish Club. She plans to attend Blinn College in Brenham.



Norman Payne
 Son of Mr. and Mrs. R. L. Payne, "G" Dept., Chemical, a Pasadena High graduate, will attend Texas A&M to study chemical engineering. He played football in high school.



Betty Joyce Peterson
 Daughter of Mr. and Mrs. W. Peterson, Refinery Dispatching Dept., graduated with honors from Deer Park High, and plans to attend the University of Texas where she will major in physical education. While in school she was a member of the Choral Club, operetta cast, declamation team, debate team, basketball and volleyball teams and Junior Historians.



Daniel M. Phillips
 Son of Mr. and Mrs. J. C. Phillips, Thermal Cracking Dept., graduated this month from the University of Texas with a business administration degree. His college activities included membership in the Society for the Advancement of Management; and Chi Phi social fraternity; senior manager, intramural athletics; in NROTC.



Patsy Posern
 Daughter of Mr. and Mrs. C. W. Posern, Refinery Gas Dept., completed her studies at Lee College this month, and plans to attend North Texas State College, majoring in library science. While at Lee, she was vice-president of Rangerettes, parliamentarian of Eta Epsilon Rho Alpha and member of annual staff. Elected outstanding in sports.



Martha Ellen Rusk
 Daughter of Mr. and Mrs. E. J. Rusk, Chemical Purchasing-Stores Dept., graduated cum laude from Milby High. Was a member of National Honor Society, C.S.U., Future Teachers of America and choral music group. Plans to attend Howard Payne College at Brownwood.



Maurice Simmons
 Son of Mr. and Mrs. L. Simmons, Refinery Automotive Dept., graduated from Sam Houston State with a degree in business administration. Besides playing basketball while in college, he was also president of Don's Social club. Worked at Chemical Plant two summer vacations, now employed in management training program of Pittsburgh Plate Glass Co.



Dennis Ray Smith
 Son of Mr. and Mrs. R. W. Smith, Chemical Instrument Shop, finished at Austin High and plans to enroll at Texas U. in September. Played football; member of baseball and bowling teams; officer in Chorale Club. In 1957, won first place in U. of Houston science fair.



Janelle Smith
 Daughter of Mr. and Mrs. M. S. Smith, Refinery Gas Dept., graduated from Jesse Jones High, where she was winner of the Homemaker of Year award. Active in Cadence Commodores, holding rank of Chief Petty Officer. Plans to attend Baylor.



Anita Starnes
 Daughter of Mr. and Mrs. D. O. Starnes, Chemical "G" Dept., completed Pasadena High. Plans to become a secretary following a course of study at Southwestern Business College. Member of Rainbow Girls. Served as church pianist.



Betty Stephens
 Daughter of Mr. and Mrs. L. Stephens, Chemical "A" Dept., graduated from Houston Vocational Technical High where she was a member of the National Honor Society, editor of yearbook, winner of American Legion Auxiliary Americanism medal.



Mary Stewart
 Daughter of Mr. and Mrs. G. L. Stewart, Refinery Treating Dept., received degree from Sam Houston State College. Secretary of Wesley Foundation; vice president of Alpha Chi Omega social sorority; treasurer of Association for Childhood Education. Plans to teach elementary grades this fall.



Patsy Ruth VanMatre
 Daughter of Mr. and Mrs. R. Van Matre, Refinery Machine Shop, finished high school at LaPorte this year. Previously attended Clear Creek High where she was secretary of Reading Club and club editor of annual staff. At LaPorte, played in school band. Will continue education at Lee College.



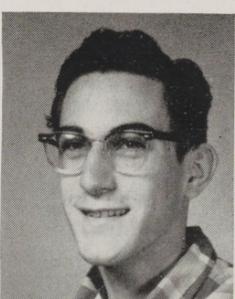
Beverly Walzel
 Daughter of Mr. and Mrs. E. F. Walzel, Chemical "A" Dept., graduated from Austin High, after winning many honors as an artist, including a four-year art scholarship at the Houston Museum of Fine Arts. She plans to continue her studies in commercial art this fall.



Brenda Lynn Williams
 Daughter of Mr. and Mrs. G. O. Williams, Refinery Lube Oils Dept., finished high school at Milby this spring where she was president of Student Council and member of National Honor Society. Other activities included membership in the Booster Club, girls' chorus, Allied Youth, Christian Student Union. Was secretary of Y-Teens.



James Edward Wolf
 Son of Mr. and Mrs. J. E. Wolf, Refinery Tin Shop, graduated from Deer Park High and plans to pursue a course of study in mechanical engineering at Rice Institute.



Alan Wright
 Son of Mr. and Mrs. R. E. Wright, Chemical Research and Development, will attend the California Institute of Technology, following his graduation from San Jacinto High. Alan was a finalist in the National Merit Scholarship contest and the recipient of the Jones scholarship.

An Editorial

Who's Responsible for Safety?

Looking back through the years at the safety experience of the Houston Chemical Plant, we have good cause to ask ourselves the above question. Why do we have good years and bad years? How is it possible that twice last year plant employees worked more than a million hours without a lost time injury, while during the first five months of this year we have already experienced six lost time accidents?

There has to be a reason. Is it that we are lucky one year and not so lucky the next? If so, why are some locations consistently luckier than we are. Luck implies the laws of chance which apply equally to all.

No, we can't say it's luck; nor can we say it's the will of the good Lord. He gave us the power of choice. We humans have the ability to decide how we will react to the incidents of life. However, with this power to choose we must also assume the responsibility for our decisions. Therefore, in those decisions involving the safety of Houston Plant employees, who is responsible?

Is Management Alone Responsible?

The first thing that comes to mind is that Management is responsible. The men called Management establish plant policy and regulations, and ultimately decide how we will operate our business. They decide what equipment and tools we shall use and to some degree control the conditions under which we work. If these things are true, then Management must be the one to assume the responsibility.

But ask yourself, is this a logical conclusion? Can Management be asked to assume all the responsibility? If so, does this explain the inconsistency in our accident record? Has Management neglected, from time to time, its duty to try to provide the safest possible tools and equipment? Do its policies and regulations now permit fewer safeguards in our operating procedures? Has it made more difficult the conditions under which we must work? We are not being honest with ourselves if we answer each of these questions any way but "NO."

Well, if it's not Management, it must be the Safety Inspectors. They're the ones who are trained to spot unsafe conditions. It's their assignment to inspect equipment and write permits for certain jobs performed under potentially hazardous conditions. They should know when and where an accident might happen and prevent it before it occurs.

Can Eight Men Be Responsible?

Again we have to ask ourselves, is this a valid conclusion? Can we realistically expect eight men to assume the entire responsibility for the safety of 1,700 employees? Can they be present everytime someone uses a wrench to drive a nail, and ends up with a mashed thumb? Is it possible for them always to be looking over the shoulder of a Lab Assistant who is taking a chance on being badly burned because he is handling certain chemicals without proper protective clothing? Again our answer has to be "NO."

Well then, how about the first-line supervisor? He is almost always around. He should know the job, its hazards, and the employees doing the work better than anyone else in the plant. He has worked with the equipment and he gets the men lined up on the job. He can eliminate the hazards and tell us the safe way to do the job. Let's make him responsible for plant safety.

He might take on the responsibility if he could control the unknown safety factor in every job — us. If he could be sure that we wore safety goggles anytime we worked around phenol. If he knew that we never opened the two top drawers of a loaded file cabinet at the same time. If he could be sure we were always doing our job the safe way even if it is a little inconvenient. But he can't, so we shouldn't expect him to take all the responsibility.

Is Individual Entirely Responsible?

But surely we, as individual workers, can't be held entirely responsible for safety either. We don't intentionally have accidents. We don't want to be disabled or lose our life. We can't be expected to see all the potential safety hazards in our jobs. We can't always do things the way we would like or think best, so we can't hold ourselves entirely responsible.

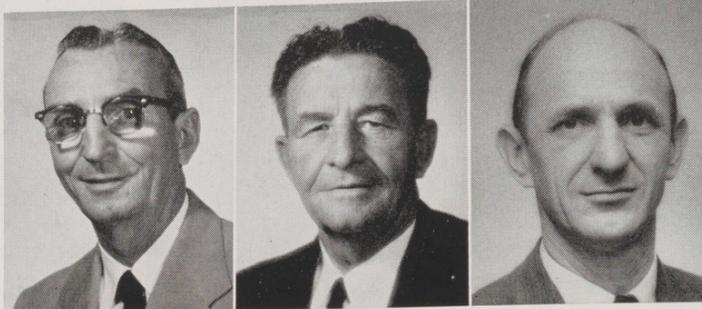
Who is responsible? Doesn't the answer lie in sharing the burden? Isn't each of us in our own way responsible for safety at the Houston Plant? Would our accident experience fluctuate so radically if each day every employee conscientiously tried to make this Plant a safe place in which to work? Don't we all have to look for the ways and means of keeping our fellow workers safe?

In safety we are our brother's keeper. We are responsible for safety in the Houston Plant.

Editor's Note

Although the above editorial was written with the Chemical Plant in mind, so far as the accident figures are concerned, the safety ideas expressed are certainly appropriate for the employees of any organization, including the Refinery. It is an important message. We hope you read it.

25 Years Service



R. G. Funk
Lube Oils (Refy.)

J. O. Rollins
Eng.-Field (Refy.)

R. E. Wright
Res. & Dev. (Chem.)

Integrated Transportation System Moves Oil Quickly and Economically

Each day about 8,000,000 barrels of crude oil, more than a million tons, pour into refineries across the nation—and out again.

The same day, millions of people throughout the country use even a greater amount in the form of refined products made from the crude. Seven million tanks-full of gasoline alone are purchased by the public before the day ends.

To keep the nation supplied, this vast amount of raw material and product must constantly be kept moving.

Fortunately, oil is a liquid, making it possible to transport it in a variety of ways. But as a liquid it is also bulky—and rushing out of the ground at a clip of nearly a third of a million barrels an hour. Providing long-term storage space for all this oil would be extremely costly, if it were possible at all. The only answer is to keep it moving—as steadily, as rapidly as possible.

To do this, integrated systems have been developed. Today, extensive networks of crude oil and of products pipe lines, together with tankers, barges, railroad tank cars, and trucks, convey the many forms of oil quickly and economically from producer to consumer.

The efficiency of these operations has depended to a large extent upon continued technological advances.

In pipe lines, a key step in cutting transportation costs was the introduction of larger diameter pipe. Today's pipe lines now range as high as 30 inches in diameter. Since a 24-inch line, for example, can transport nine times the load of an eight-inch line, greater volumes can now be moved at a lower unit cost.

The advent of electrically driven centrifugal pump stations also raised throughput, and increased automation made it possible to exert precise control over the movement of crude oil and products and to blend products directly in the line.

As a result, pipe line costs are probably the only instance in the entire transportation field where rates have declined over the last 30 years.

Tankers have also undergone steady improvement. Larger ships now carry greater quantities of oil at a lower unit cost. Increased speed reduces the length of time required for hauls, and faster pumping facilities cut the turnaround time in port. The new large tank-

ers, for example, can discharge crude oil at rates exceeding 15,000 barrels an hour—more than five times faster than those operating at the beginning of World War II. In addition, improvements in tanker compartmentalization now enable larger quantities of different products to be carried on a single haul.

Advances in tank truck and tank car operations have also contributed toward greater efficiency. The development of larger trucks and tank cars, improved use of aluminum, stainless steel and other metals, better engineering of equipment, and other factors

Tench, W. Peters Re-elected to Board

Refinery Manager J. W. Tench and Assistant Manager, Dispatching, Walter Peterson have been re-elected to Board of Directors of Houston Fat Stock Show Rodeo Association.

Both men are extremely interested in the activities of Beef Scramble committee, person serving as a committee member and Tench annually donating a calf.

have all been a part of advancement.

Improved dispatching methods select the most efficient truck routes for minimum of time, and the installation of larger tanks at service stations has cut down the number of deliveries needed to adequate supplies on hand since the last few miles of transportation chain usually consume the lion's share of total handling costs, these advances have been especially important in cutting expenses.

Most of the technological advances in these transportation systems were developed by integrated oil companies.

3307 Take Free X-Ray



TAKING ADVANTAGE of the free chest x-ray service at the Chemical Plant is Burns, Chemist in the Industrial Chemical Division, while Plant Manager Purcell, Shirley Vines and Nancy Evans, both of the P&IR Dept., await their turn at the health-protecting machine. A total of 3,307 persons took advantage of free service sponsored by Shell Oil and Shell Chemical for all employees. A refinery 2,096 had their chests x-rayed while 1,211 persons at Chemical stood in front of the machine.

20 Years Service

G. P. Hinds, Jr.
Research (Refy.)

C. L. Jones
Eng.-Field (Chem.)

J. F. Lee
Refy. Lab. (Refy.)

V. Riley
Eng.-Field (Refy.)



E. Smith
Eng.-Field (Chem.)

Q. C. Stanberry
Distill. (Refy.)

L. E. Vaughan
Eng.-Field (Refy.)

A. E. Wall
Eng.-Field (Refy.)

Girl Golf Winner Causes Red Faces Among Males

One big female smile and 61 sheepish male grins greeted the posting of scores in the May SERA golf tournament. The cause of the male consternation was Jean Williams, Steno-Secretary — Administration, at the Chemical Plant. Jean, the tournament's lone female entrant, captured honors for low net score with a nifty 64, eight under men's par. This was one stroke better than her nearest competitor W. U. Woodward, Heavy Equipment Operator No. 1, Chemical.

This was Jean's ninth tournament, and as winner of the second flight, she adds six more new golf balls to the nineteen she has won in previous SERA tournaments. If it's any consolation to the men, Jean admitted that her gross score of 86 was her first round under ninety. She has been playing golf for approximately three years.

V. J. Talley, Boilermaker No. 1, and F. P. Thompson, Supervisor — P&IR, both

W. M. Bluhm G Oper. (Chem.) C. R. Carter E. Oper. (Chem.)



15 Years Service

M. L. Tanner A&B Op. (Chem.) H. L. Thomas Eng.-Field (Chem.)

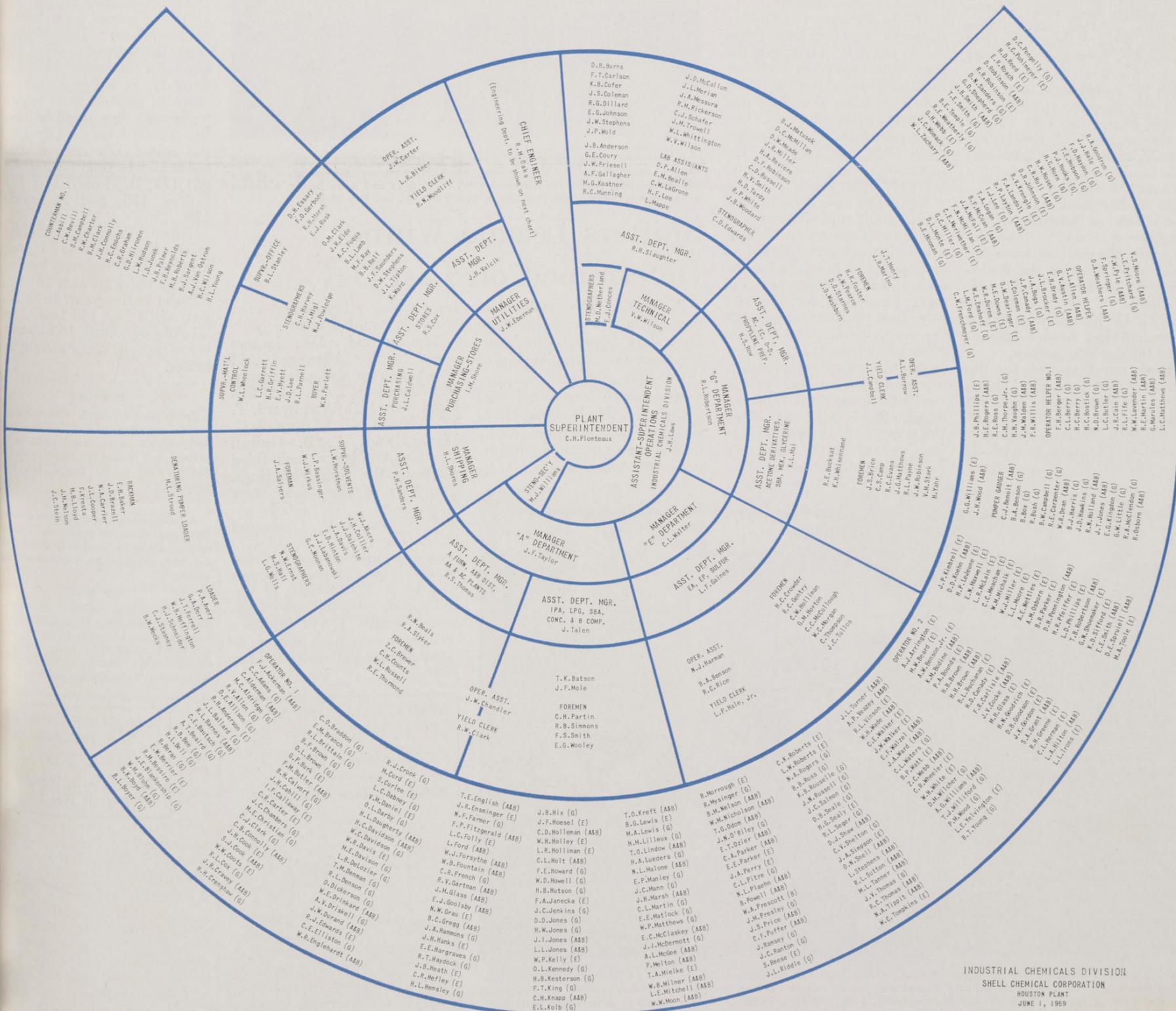
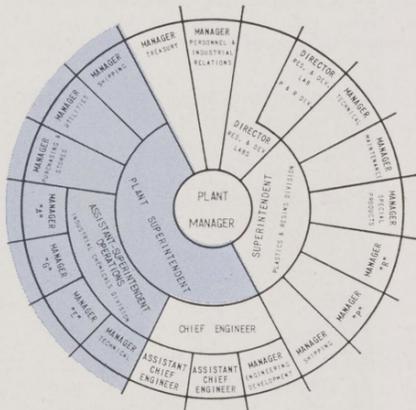


E. C. Davis Eng.-Field (Refy.) T. E. Finch Th. Crk. (Refy.) E. R. Heidrich Eng. Off. (Refy.) E. P. Leamons P&IR (Refy.) W. G. Ogden Eng.-Field (Refy.) J. E. Strickland Purch.-Sto. (Refy.) A. L. Washburn Gas (Refy.)

laurels in the first flight with net scores of 69. Woodward was runner-up in the second flight.

The third flight was won by G. C. Anderson, Engineer — Engineering, Chemical. His net score of 66 was one stroke

better than that posted by J. C. Chambers, Operator No. 1 — G Operations, who was second-place winner.



INDUSTRIAL CHEMICALS DIVISION
SHELL CHEMICAL CORPORATION
HOUSTON PLANT
JUNE 1, 1959

Bowl Tourney Has Big Entry

With the largest entry field in its history, the 11th annual SERA bowling tournament completed a two-day stand May 23-24. Twenty-nine teams, representing 417 man-events competed for the various prizes and trophies.

The Alkylation team with a score of 3107 took top honors in the team event. The winners were followed in order by the Nailbenders, 3052; Off Specs, 3039; Motor Lab, 3035; and the Vagabonds, 3028. The Hi Five was the only other team crossing the 3000 mark with a 3010, good for sixth place.

Members of the winning Alkylation team are Anne and J. D. Washburn, R. G. Sproston, A. M. Yannazzo and C. F. Stebbins.

The all-events champion this year is Bill Welch, Chemical, whose consistent pin-pounding brought him a 2000 total. T. D. Funkhouser, Chemical, with a strong 1958, won second place laurels. Finishing third was Refinery's J. F. Lee with 1928, followed by J. H. Williams, Refinery, at 1889.

Chemical Plant bowlers also dominated first place honors in the doubles and singles events. Fred Szopa, Chemical Treasury, recorded a big 681 series for first in the singles with H. Young, also of Chemical Treasury, finishing a close second at 668. Third place went to G. J. Kuntz, Refinery, with a 662. Chemical's Bob Robison, Treasury, with a 650 was fourth.

D. C. Merdian and Al Jaeger, both of Chemical, put together a 1325 to take top billing in the doubles. Close behind at 1314 came the Refinery's F. M. Krupa and J. H. Williams. T. D. Funkhouser and C. D. Marshall, another Chemical duo, fired a 1306 to take third place money.

High game honors for the women went to Lil Thew, wife of Refinery's Norman Thew, as she turned in a 274 effort. R. J. Hennen, Refinery, posted a 279 mark to lead all men bowlers.



THE SECOND-PLACE Isodopes pause for the camera after nailing down second-place honors with a strong finish on the last evening of bowling. Members shown here are Patsy Teague, Carlton Ford, Cliff Marshall, Larry Teague and Scott Eidt. Other team members not present are Teresa Eidt, Terry Funkhouser and Frank Simpson.



THE MOTOR LAB five seems happy over the fine showing made this year by the team. Members of the team pictured above are S. J. Cegielski, Iva Myers, and Roger Bell across the top, while kneeling are Jimmy Lee and H. A. McElroy. The other member of the third-place Motor Lab team is E. L. Kuerbis.

Refinery Pair Leads Softball Club to Wins

The girls' softball team of Immaculate Conception School has compiled an enviable record these past few years in Houston softball circles.

H. J. (Turkey) Wheeler, Refinery Welding Shop, who assists his wife in coaching this fine club, can point with understandable pride to a record which includes five East End championships and two city championships. The Wheelers have been coaching the Immaculate Conception teams for the past eight years.

Composed of seventh and eighth grade students from Immaculate Conception School, these girls were the East End champions in the Catholic Parochial League this year, and were runner-up for the city title. Last year's team went all the way, winning 14 straight victories without a defeat to annex the city championship.

Among the members of this year's team are Gail Wheeler, daughter of Mr. and Mrs. Wheeler, and Mary Vanston, daughter of R. W. Vanston, Refinery Automotive.



THE WINNING RISERS show that smile of the champion. Pictured in this scene taken on the final night of bowling are (l to r) across the top, Bill Howell, Al Dugas and Bill Shrode. Across the bottom are W. A. Morgan and Reba Dugas. Members of the team not shown are Fred Szopa, Frank Douma, and Kay Shrode.

Shifters League Winner Determined on Last Day

A strong finish on the last day of the season earned the Deer Park Super Value bowling team the championship of the Shell Shifters league. Composed of four Shell employees, J. H. Datrey, N. J. Ellis, B. J. Newman, J. L. Cook, and sponsor Jim Mathews, the champs trailed in

league play all year but won when it counted most.

The second place honors went to the Advanced Aid five, made up of bowlers from the Treating Dept. On this team were J. B. Woodward, T. W. Brake, G. T. Maney, B. C. Hayes, and W. B. Guinn. Smith's Appliance took third place in the final standings. Members of the team were I. W. Land, E. D. McGilvray, B. L. White, A. W. Gore, and G. A. Havens.

A 234 game on the last day of bowling was good enough to give E. D. McGilvray top individual honors for high game, while T. W. Brake's 586 series was high enough to stand up for top series for the year.



PLAYERS ON THE IMMACULATE Conception School softball team this season include (l to r) on the front row, Mary Vanston, whose father is R. W. Vanston of Refinery Automotive, Shirley Hamala, Sharon Marquis and Frances Lesenski. On the second row are Mary Jo Haines, Vincie Arnold, Sharon Talley, Joan Nicholini, Terrie Lee Salumnek, Linda Adams and Betty Blessner. On the third row, Refinery Welder H. J. Wheeler, assistant coach, his daughter, Gail Ann Wheeler, Jeannette Klaus, Patsy Spacek, Charlotte Warren, Kathleen Wead and Mrs. H. J. Wheeler, coach.

Chemical Tea In League Win

The Risers, boasting some of the top average bowlers in the league, captured first place honors in the Shell Motor Lab winter bowling league. With a record of 92 wins and 44 losses, the Risers finished five points ahead of the second-place Isodopes.

Finishing in third place was the Motor Lab, with an 85 won-loss mark. Fourth place went to the Woodchoppers while in fifth position came the Miscues.

Members of the winning Riser team, with their averages, are Reba Dugas 177, Al Dugas 177, Bill Howell 176, Frank Douma 162, Shrode 152, Fred Szopa 139, W. A. Morgan 139, and Shrode 99.

High team series for the year went to the Jokers with a 2626 total. The Motor Lab put together a 1015 in the game to take top honors in this category. Vi Adams turned in a 570 series for total among the ladies for the year, while Bill Howell, with a 615, was tops among men.

The Graham family, with all of the honors for individual game efforts. Pat Graham came through with a 215 series for the ladies, while band H. P. posted a fine score to lead all male keepers.

Among the men finishing the season with an average of the select 170 or over were L. Harling 177, Al Dugas 177, B. Howell 176, Collins 175, and R. Lewis 170.

Anne Washburn finished with the highest average among the women bowlers, hitting the pins at a 161 for the entire year. Reba Dugas, with her 156 mark, and Vi Adams with a 153 average were next in order among ladies.

FOR SALE

Buick Century, 1956, air-conditioned, power steering, power brakes, tires, 37,000 miles, one owner, plastic seat covers excellent condition. \$1400. Call C. C. Suggs, Ext. 229, Refinery.

FOUND

A wrist watch at the Shellwood dining pool after the annual picnic. Owner may claim by contacting Dixon, Ext. 229, Chemical Plant and identify watch.

FOR SALE

Deluxe Bendix washer (58" and dryer, Hot Point 18' upright breakfast set, bedroom suite with ble bed, walnut office desk, carpeted studio couch. Phone GR 3-8070. H. J. Lewis, 2103 Oaks, Pasadena.

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