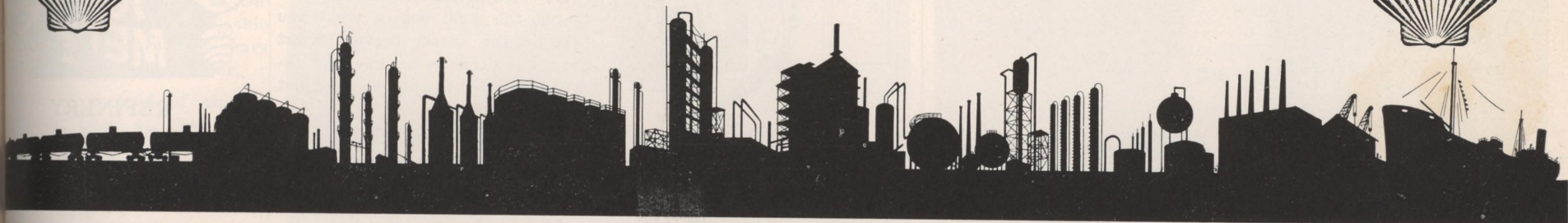




The SHELLEGRAM



Refinery's Newly Elected Board To Steer SERA In Year's Activities



NEW BOARD elected to steer SERA for 1953 have their first meeting: H. D. Estes, Business Manager; H. D. Smith, Land Committee Chairman; Kemper Kaiser, Refinery; Neal Barker,

Chemical; Jo Kelley, Chemical; Dixon Kirk, Chemical; Victor Clarke, Chemical; Woody Myers, Chairman; Claude Fischer, Refinery; Walter Cannon, Advisor; T. L. Wilson, Ref.

Sales of Shell Premium Climb, Information Requests Pour In

Shell Premium Gasoline sales in 16 test cities have climbed steadily since the Company announced on May 16 that it had added TCP to the product. Requests are pouring in by the thousands for additional information on Shell Premium throughout our entire marketing territory.

Affects Shell's Position

The fact is, the development of TCP will affect Shell's activities and position in the oil industry for a long time to come. As a Shell employee, you have a lot at stake in this new gasoline additive and you will want to know just why it is the greatest gasoline development since the discovery of tetra-ethyl lead in 1922.

TCP, originally, was Shell's answer to a problem that had bothered the entire aircraft industry since the close of World War II. The problem was spark plug fouling and it was causing great trouble in the development of satisfactory long range bombers needed for the nation's defense program. In 1948, the Air Force took drastic action, calling in engine manufacturers, spark plug makers, and petroleum refiners to help solve the problem. All worked hard, but only Shell's research men found TCP and the answer.

Tested Extensively

The Air Force put TCP through two years of extensive tests in long range bombers and reported the virtual elimination of spark plug fouling. TCP also contributed materially to the range and combat effectiveness of these aircraft.

Meanwhile, the Army and Navy called on TCP to increase the dependability of certain types of helicopters and fighter planes. And now commercial air lines are finding, in exhaustive tests, that TCP will do just as much for them as it has done for the military.

The addition of TCP to motor

gasoline was probably inevitable. For many years, automotive specialists have known that modern cars lose a sizeable percentage of their power soon after they go in operation. That's because, in an average car engine, deposits formed from the burning of the gasoline build up on the spark plugs and in the combustion chambers. These deposits short-circuit the plugs, causing them to misfire, as well as causing pre-ignition of the fuel-air mixture, with resulting loss of power.

(Continued on Page Four)

SERA Dinner-Dance Set September 19th

Smorgasbord dinner will be served at the SERA dinner-dance September 19 at the Alabama Ball Room. The orchestra of Waters will provide the music for the semi-formal dance.

Dinner Dancing, Snacks

Dinner will be served from 7:30 until 9 p.m. when dancing begins. French pastries and coffee will be served at midnight.

A limited number of tickets will be sold, and no tickets will be sold at the door. Tickets go on sale September 1. Members ducat is \$3.00 per couple, non-members \$5.00. Door prizes will be given. Set-ups are included. Orchid luncheon is at 2020 Kipling.

See Salesmen

Chemical Plant salesmen are Jo Kelley, Personnel; Noel Smith, Machine Shop; Rip Collins, Labor; Dan Williams, Tech. At the Refinery, see Iris Harmon, Treasury; Sam Gennusa, Dispatching; Ken Jones, Research; Joe Oliver, Shops; Woody Myers, Control Lab; Marie Marshall, Personnel.

Jarrett, Kaiser Named Co-Chairmen Of United Fund Drive In October

H. B. Jarrett, Machine Shop, and Kemper Kaiser, Personnel, have been named co-chairmen of the 1954 United Fund Drive at Houston Refinery. The drive will be held in the middle of October.

Last year, Refinery employees contributed \$16,135.46 to the United Fund Drive with approximately 80% participation.

The United Fund drive offers a chance to give once a year to 53 different welfare organizations. A contributor may give to them all, or may designate which ones are to receive his money.

The United Fund is a non-profit corporation administered by and for Houston and Harris County through a board of trustees made up of 61 persons representing a

cross-section of the community.

Purpose of the United Funds is to raise funds, in one annual campaign, for local and national health, welfare and youth agencies which depend upon voluntary contributions for their support.

As an answer to the problem created by the many fund-raising campaigns conducted throughout the year by a variety of organizations, the United Fund was created in Houston by representatives of all groups in the community in May, 1951. It provides economy in raising funds, saves manpower, and assures the contributor that his dollars will go to provide agency services rather than to expensive costs of conducting many separate campaigns.



LINE-UP FOR HEALTH and a free chest X-ray was an opportunity accepted by 2933 Shellites locally during August.



SIGNING UP for their free X-ray are George Nuss, Tom Wilson, Dick Leveille, all of the Refinery Engineering group.

October Style Show Set in Houston Club

Battlestein's TV models will show the latest fashions when SERA entertains with its annual Style Show at the Houston Club Friday night, October 16.

A buffet supper will be a new feature of the style show this year. Alice Rogers trio will perform, and the Randall School of Dancing will present some children's dance routines.

The evening's events begin at 7:30 and last until 9:30. Tickets will be \$2.00 for SERA members, \$3.00 for guests. Doris Winner, Chemical Plant, is chairman of the event. Peggy Manuel is in charge of publicity, and Hortense Barrell is ticket chairman.

Tickets may be purchased from Juanita Price, Virginia Lowery, and Doris Winner at the Chemical Plant, and from Hortense Barrell and Juanita White at the Refinery.

2933 Shellites Take Free Chest X-Rays

Filing quickly through the lines for a free chest X-ray were 1888 Refinery employees and 1045 Chemical plant employees when the Houston Anti-Tuberculosis League's mobile X-ray came to this location in August.

Stationed at the Chemical Plant August 3-4, it moved to the Refinery August 5 where it remained through the 7th.

Houston 1 Texas SHELL OIL COMPANY P. O. Box 2527

Sec. 34-66 P. L. & R.

Reynolds Writes Biography Of Doolittle



James H. Doolittle, Shell Oil Vice President and Member of the Board of Directors, is the subject of an interesting new biography by author Quentin Reynolds. Published by Appleton-Century-Crofts, "The Amazing Mr. Doolittle" has already been used as the book selection for the May Reader's Digest. It was reviewed in the June issue of Shell News.

Most of his Shell friends are well acquainted with Jimmy Doolittle's extraordinary experiences, but for many readers of Reynold's book, Doolittle's career as stunt pilot, Air Force General, engineer, boxer, business executive and scientist must truly be "amazing".

Personnel Changes

REFINERY		CHEMICAL	
FROM	TO	FROM	TO
Control Lab			
J. S. McFall, Jr. Clerk, Treas.	Clerk	J. L. Brelsford Operator No. 1	Pipefitter Helper No. 2
Margarita Wilder Steno. Treas.	Steno.	R. Brown Boilermaker Helper No. 1	Boilermaker No. 2
Charlsie Yielding Steno. Treas.	Steno.	H. J. Derr, Jr. Military Leave	Jr. Engineer
Cracking			
W. M. Goss General Hlpr.	Gauger No. 1	D. L. Domingue Welder Helper No. 1	Welder No. 2
B. C. Peyton General Hlpr.	Pressureman	H. W. Hisle General Helper No. 1	Paint Helper No. 2
Engineering			
J. D. Berridge General Hlpr.	Salvage Repairer Hlpr. No. 2	R. Q. Hubbard Insulator Helper No. 1	Insulator No. 2
H. D. Stanford Operator No. 2	Boilermaker Hlpr. No. 2	C. L. Jones Asst. Foreman Maint. Zone	Foreman Maint. Zone
J. C. Tucker Painter No. 1	Asst. Fore. Paint	A. T. Lawless Carpenter Helper No. 1	Carpenter No. 2
Lube			
W. R. Davis Mail Carrier	Jr. Clerk	J. R. Laws Welder Helper No. 1	Welder No. 2
A Department			
B. K. Boyd Operator Helper No. 2	Operator Helper No. 1	J. R. McDonald Insulator Helper No. 1	Insulator No. 2
N. C. Davidson Pumper Gauger	Operator No. 2	J. D. Patterson Operator No. 1	Electrician Helper No. 2
F. G. Dicus General Helper No. 2	Operator Helper	A. L. Payne Electrician Helper No. 1	Electrician No. 2
W. J. Forsythe Operator Helper No. 2	Operator Helper No. 1	R. L. Rankin Pipefitter Helper No. 1	Pipefitter No. 2
B. M. Gandy Fireman	Pumper-Gauger	W. M. Ratliff General Helper No. 1	Boilermaker Helper No. 2
E. E. Juntunen Operator Helper	Operator Helper No. 1	J. L. Sadler Truck Driver No. 2	Pipefitter Helper No. 1
D. B. McGuire Operator Helper No. 1	Fireman	W. J. Talley Boilermaker Helper No. 1	Boilermaker No. 2
E. G. Maas Fireman	Operator No. 2	F. H. Trathen Welder Helper No. 1	Welder No. 2
N. L. Malone Fireman	Operator No. 2	R. E. Walker Boilermaker Helper No. 1	Boilermaker No. 2
C. W. Miles Fireman	Operator No. 2	F. A. Ward Pipefitter Helper No. 1	Pipefitter No. 2
T. G. Odom Fireman	Operator No. 2	H. Williams Yardman	Janitor
R. St. John Pumper-Gauger	Operator No. 1	G Department	
R. E. Zimmerman Operator No. 2	Operator No. 1	J. N. Graham Operator Helper	Pumper-Gauger
E Department			
A. J. Arrington Operator Helper	Fireman	E. W. Kessler Pumper-Gauger	Pumper-Gauger
N. W. Beard Operator Helper	Fireman	D. M. Lahr General Helper No. 2	Operator Helper
D. M. Church Technologist-Tech	Tech. Assistant	H. N. Lilleaux Operator No. 2	Operator No. 1
W. W. Condit Operator Helper	Fireman	J. L. Riddle Operator Helper	Pumper-Gauger
D. B. Goodson Operator Helper	Fireman	H. S. Row Tech. Asst.	Asst. Department Manager
R. H. Greene Operator Helper	Fireman	S. L. Sieck General Helper No. 2	Operator Helper
G. H. Williams General Helper	Operator Helper	Laboratory	
Engineering			
J. L. Brelsford Operator No. 1	Pipefitter Helper No. 2	J. M. Klarquist Military Leave	Jr. Chemist
R. Brown Boilermaker Helper No. 1	Boilermaker No. 2	Shipping	
H. J. Derr, Jr. Military Leave	Jr. Engineer	C. E. Chambers Clerk-Head Office	Clerk
D. L. Domingue Welder Helper No. 1	Welder No. 2		
H. W. Hisle General Helper No. 1	Paint Helper No. 2		
R. Q. Hubbard Insulator Helper No. 1	Insulator No. 2		
C. L. Jones Asst. Foreman Maint. Zone	Foreman Maint. Zone		
A. T. Lawless Carpenter Helper No. 1	Carpenter No. 2		
J. R. Laws Welder Helper No. 1	Welder No. 2		
J. R. McDonald Insulator Helper No. 1	Insulator No. 2		
J. D. Patterson Operator No. 1	Electrician Helper No. 2		
A. L. Payne Electrician Helper No. 1	Electrician No. 2		
R. L. Rankin Pipefitter Helper No. 1	Pipefitter No. 2		
W. M. Ratliff General Helper No. 1	Boilermaker Helper No. 2		
J. L. Sadler Truck Driver No. 2	Pipefitter Helper No. 1		
W. J. Talley Boilermaker Helper No. 1	Boilermaker No. 2		
F. H. Trathen Welder Helper No. 1	Welder No. 2		
R. E. Walker Boilermaker Helper No. 1	Boilermaker No. 2		
F. A. Ward Pipefitter Helper No. 1	Pipefitter No. 2		
H. Williams Yardman	Janitor		
G Department			
J. N. Graham Operator Helper	Pumper-Gauger		
E. W. Kessler Pumper-Gauger	Pumper-Gauger		
D. M. Lahr General Helper No. 2	Operator Helper		
H. N. Lilleaux Operator No. 2	Operator No. 1		
J. L. Riddle Operator Helper	Pumper-Gauger		
H. S. Row Tech. Asst.	Asst. Department Manager		
S. L. Sieck General Helper No. 2	Operator Helper		
Laboratory			
J. M. Klarquist Military Leave	Jr. Chemist		
Shipping			
C. E. Chambers Clerk-Head Office	Clerk		



REFINERY

July 8: Karen Gay, daughter of Mr. and Mrs. T. W. Cubley (Boilerhouse).

July 19: Marilyn Emily, daughter of Mr. and Mrs. R. J. Olson (Research).

July 24: Helen Carol, daughter of Mr. and Mrs. William Cox (Labor Department).

CHEMICAL

June 30: Marvin Otis, son of Mr. and Mrs. N. L. Hatton (A Dept.).

July 7: Larlene Elise, daughter of Mr. and Mrs. I. Shultz (Tech Dept.).

July 8: Daniel Lee, son of Mr. and Mrs. B. A. Kersh (Pipe Shop).

July 8: Victoria Sue, daughter of Mr. and Mrs. R. E. Lockwood (Insulator Shop).

July 21: Walter L. Jr., son of Mr. and Mrs. W. L. Holmes (Tech Dept.).

Aug. 2: Daniel Lorimer, son of Mr. and Mrs. A. B. Welter (Construction).



CHEMICAL

Charlene Story, of our Stores Department, was married to James Johnson in an informal ceremony on August 1st. The wedding was held in Charlene's sister-in-law's home at 2:00 p.m. on Saturday afternoon. The couple went on a wedding trip to Austin.

REFINERY

Mr. and Mrs. Charles Ross Stringer are at home at 7106 Hemlock following their marriage July 28. The bride is the former Miss Betty Ann McMillan of Houston. Wedding ceremony was performed in the Cumberland Presbyterian Church in Houston. Mr. Stringer is a member of the Cracking Department.

Gus Collins Dies

Mr. H. E. (Gus) Collins, retired Shell employee, died as the result of a heart attack August 12, 1953, in a local hospital.

He retired November 1, 1949, with approximately 21 years of company service.

A payroll clerk in the Treasury Department for many years, Gus is said to have known the faces, names, and badge number of some 1600 men to whom he gave pay checks each payday.



Lane's Dress-O-Graph Tells Travel Tips, Ideas

How to plan a travel wardrobe to get the most out of what you take is the secret travel expert Carol Lane tells in her newest "Vacation Dress-O-Graph" booklet just off the presses.

Women employees of Shell, who received the handy booklet packed with traveling tips, were so impressed that additional copies were shipped to the various locations to take care of requests for employees' wives.

Shellmen may obtain copies of the booklet without charge by applying directly to their supervisors.

The booklet contains convertible costumes on four pages divided in the middle so that sixteen possible combinations can be arranged.

Packing tips, space-saving ideas, and tricks with triangles to make various blouses are also included.

When Shellites hit the vacation road, Carol Lane's booklet will be handy to offer the newest travel advice.



REFINERY

Control Lab
George Balikas, Jr. Chemist
E. J. Baratta, Jr. Chemist

Engineering
M. M. Mueller, Clerk

Treasury
Clemie Barry, Stenographer
E. R. Hinson, Mail Carrier

CHEMICAL

Engineering
M. J. Armstrong, Gen. Hlpr.
D. Atheson, Gen. Hlpr. No. 2

L. H. Berg, Gen. Hlpr. No. 2
J. F. Cabler, Gen. Hlpr. No. 2

J. Cocke, Gen. Hlpr. No. 2
J. L. Cooper, Gen. Hlpr. No. 2

R. E. Dial, Gen. Hlpr. No. 2
W. D. Dumas, Gen. Hlpr. No. 2

B. J. Essery, Gen. Hlpr. No. 2
J. T. Ferrell, Gen. Hlpr. No. 2

L. J. Gerber, Gen. Hlpr. No. 2
B. L. Haneline, Gen. Hlpr. No. 2

C. R. Harper, Gen. Hlpr. No. 2
C. N. Jamison, Gen. Hlpr. No. 2

M. C. Kennedy, Gen. Hlpr. No. 2
D. M. Lahr, Gen. Hlpr. No. 2

E. C. Lillard, Gen. Hlpr. No. 2
M. B. Lloyd, Gen. Hlpr. No. 2

M. H. Louder, Gen. Hlpr. No. 2
D. G. Morton, Gen. Hlpr. No. 2

H. T. Ray, Gen. Hlpr. No. 2
B. E. Temple, Gen. Hlpr. No. 2

C. D. Thomason, Gen. Hlpr. No. 2
D. W. Thornton, Gen. Hlpr. No. 2

Idell Warren, Laborer
W. F. Welch, Gen. Hlpr. No. 2

S. T. Wilkes, Gen. Hlpr. No. 2
H. O. Williams, Gen. Hlpr. No. 2

C. A. Wilson, Gen. Hlpr. No. 2
W. H. Young, Gen. Hlpr. No. 2

Treasury

M. F. Ray, Jr. Clerk

More dirt has been buried in pipe lines, most of it carry oil or its products, used since the beginning of the

Classified

FOR SALE: 1949 Chevrolet, 2 door deluxe, clean, mechanically perfect, reasonably priced.

Joe E. Laird
235 Alastair Red Bluff Add., Pasadena

FOR SALE: Praktica Fx 35 mm. single lens reflex. Has F 1.9 Meyer Primoplan coated lens with stereoptical attachment and leather case. \$100.

J. C. Brewer
Ref. 466 WO-2230

Military Leave



R. S. Leiser
7-21-53
Laboratory
Army



J. C. SORENSON says goodbye to the Welders when he retired August 1 after 25 years of company service. Mr. and Mrs. Sorenson plan an extended trip with a stay in Colorado soon.



MARIE MARSCHALL, Editor
JO KELLEY, Associate Editor

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

September Service Birthdays Catalogued

With a service birthday cake as many candles as the years on a refinery, R. H. (Cookie) Coombs celebrates 35 years of service this September.

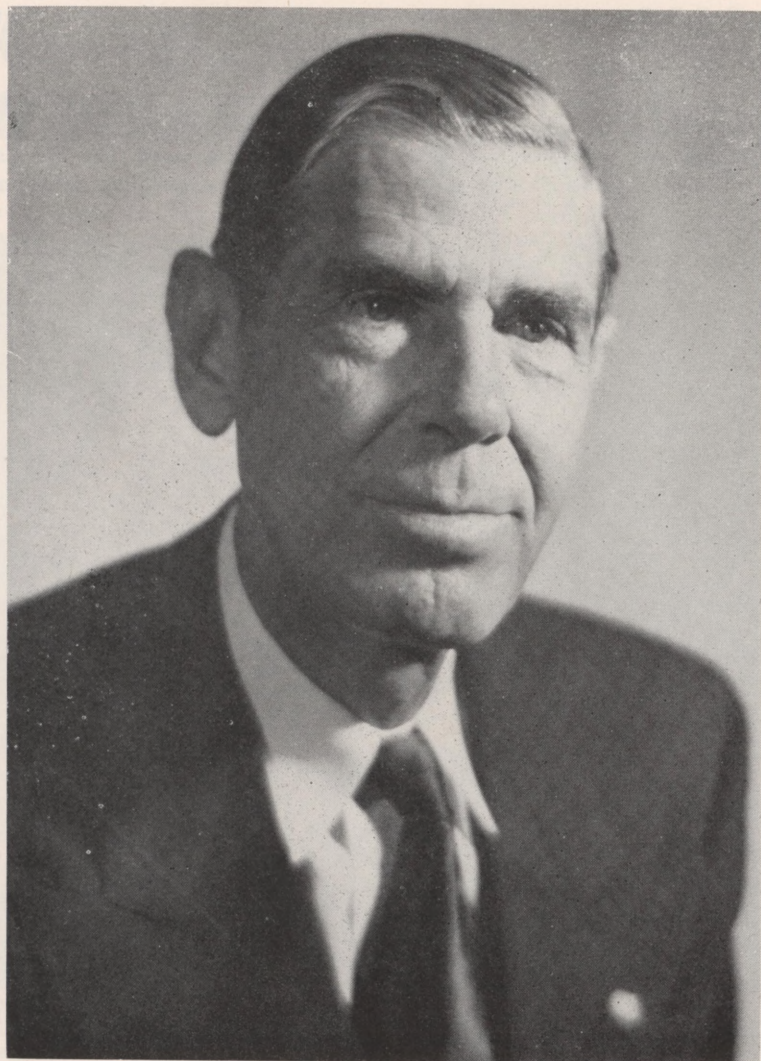
Though he is fond of playing Father Time at Shell New parties, perhaps Old Father will excuse him since Doc has more service than anyone else at the Refinery.

Cookie cut his teeth as a Shell employee at Wood River when he worked as Assistant Billing and Clerk in September 1918. He transferred to Shipping as a Clerk in January 1923.

Shortly after Houston Refinery built, Doc arrived in April 1930 as Shipping Clerk. He has held various assignments in the Treasury Department and his present position is that of Assistant Superintendent of Shipping.

A native Houstonian, he graduated from high school here and attended Massey Business College. His home is at 6451 Lawndale in Houston. He has two daughters.

The magic of a circus to a child before Doc's enthusiasm for a show. But he backs up his verbal pleasure in watching it with a wide knowledge of the performers and their techniques. Don't ask him about it if you don't like circuses, for he'll pull out boxes and scrapbooks of circus memorabilia to show you. He is a member of the Circus Fans Association and Circus Historical Society. Someday when he retires, his first move will be to go to Sarasota, Florida, to see the renowned Ringling Museum there.



R. H. COOMBS

R. B. CARTER

Roy B. (Nick) Carter, Material Checker in the Stores Department, was first employed by Shell twenty years ago at Houston Refinery. His first job was that of

Counterman. Mr. Carter has worked under various classifications in Stores. In February 1943 he became a Material Checker.

Born in Nashville, Arkansas, he graduated from high school in Hope, Arkansas. He attended Tyler Commercial College in Tyler, Texas.

Mr. and Mrs. Carter have a grown daughter, Bobbie Jean. Their home is at 4124 Telephone Road. Dealing with his cattle and fishing are Nick's hobbies.

J. F. ALFORD

James F. Alford observes his twentieth year with Shell this month. He was first employed at Houston Refinery as a Tester in the Control Lab in September 1929.

Then he was a General Helper in Engineering Field and a Loader at the Loading Rack. In July 1935 he transferred to the Gas Department as an Operator Helper.

Mr. Alford was on Military Leave of Absence from August 1943 until February 1946 while he served as a Machinist Mate Second Class in the Navy.

Shortly after his return, he became a Shift Foreman in the Gas Department in June 1947.

The Alford's live at 3201 Bennington, Pasadena.

F. R. McGUIRE

Celebrating 20 years of Shell service this month, Frank R. McGuire, Jr., is a man who says he really enjoys working, and his friends back up his statement.

Mac is a Clerk in the Dispatching Department. He first came to Shell at Houston Refinery as a General Helper in Engineering Field in September 1933 and soon became a Loader in the Dispatching Department. He first came to Shell at Houston Refinery as a General Helper in Engineering Field in September 1933 and soon became a Loader in the Dispatching Department. He first came to Shell at Houston Refinery as a General Helper in Engineering Field in September 1933 and soon became a Loader in the Dispatching Department.

His home is at 6507 Avenue E in Houston. Mac's hobbies are hunting and fishing, and he takes part in various activities of his church.

F. L. ROBINSON

Francis L. (Robbie) Robinson began his Shell career twenty years ago when he came to Houston Refinery as a General Helper in September 1933. That same month, he transferred to the Control Lab as a Tester. In September 1946, he became Shift Foreman, and he holds that position at the present time.

Born in Cherokee, Oklahoma, he graduated from high school in Houston and attended Texas A&M College. Robbie and his wife, Molly, have a year old son named John Francis. The Robinsons live at 610 Kipling in Houston. Bowling ranks first as a hobby for this Shell employee.

REFINERY

FIFTEEN YEARS

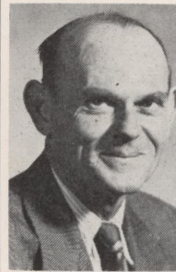
G. E. Roberts, Dispatching

TEN YEARS

- Z. F. Baczewski, E & S
- J. Bradley, Jr., Engineering
- R. J. Clerc, Research
- R. Dawson, Engineering
- T. C. Dunagan, Engineering
- C. Freeman, Engineering
- A. J. Hayes, Engineering
- J. T. Kennedy, Engineering
- W. S. Kubricht, Engineering
- R. D. Plaisance, Engineering
- M. M. Wallace, Engineering
- F. T. Wilks, Effluent Cont.

D. M. BERGIN

A native Houstonian, David M. Bergin is Assistant Department Manager of Effluent Control. He celebrates 20 years of Shell service this month.



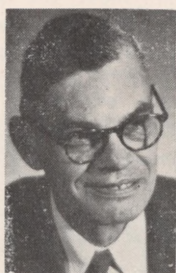
After graduating from high school in Beaumont, he received his bachelor of science degree from North Texas State in Denton, Texas. He began his Shell career at Houston Refinery as a Loader on the Loading Racks in September 1933.

He transferred to the Control Lab as a Tester in October 1933, and to the Gas Department as an Operator Helper in July 1935. Mr. Bergin was made a Shift Foreman in the Gas Department in January 1945. He received his present position in June 1946.

Mr. and Mrs. Bergin have a daughter 13 years old named Linda Louise. Their home is at 605 S. Randall.

J. P. MURRAY

It's twenty years with Shell for Joe Murray, Project Engineer. First employed at Wood River as a Draftsman, he was transferred to the Arkansas City Refinery, and later back to Wood River as a Draftsman. In March 1936, he came to Houston Refinery as a Draftsman. He has held various classifications in Engineering Inspection. Joe was a Designing Draftsman for a while, and in October 1948 he became a Project Engineer.



Credit Union is synonymous with Joe Murray, for he has built Shell Refinery Employees' Credit Union up to a million dollar organization since he has been Treasurer. Mr. Murray is also active in the Credit Union movement on a state level.

Joe and Mrs. Murray have one daughter at home, two married daughters, and six grandchildren. Their home is at 7522 Hereford Street in Houston.

By 1960, it is estimated that the United States will rely on oil and natural gas for about two-thirds of its energy.

CHEMICAL

C. L. WALTER

Clifford L. Walter is in his twentieth year of service for Shell. He was first employed as a junior inspector in the laboratory at the Wilmington Refinery in California.



In June of 1936 Cliff was transferred to Shell Development as a Junior Technical Assistant. The Chemical branch claimed him as an Assistant Department Head at our Torrance Plant in February 1943. He came to the Houston Plant in 1948 and soon became Department Manager of E Department.

A native of Courtland, Kansas, Mr. Walter enjoys fishing a great deal and lists it at the head of his hobbies. The parents of one son and three daughters, the Walters live in Staff House No. 12 just beyond the Refinery.

I. M. SHORE

I. M. Shore, Stores Department Manager has come a long way up the ladder with Shell. This month he celebrates twenty years as an employee. First employed as a

Laborer at the Houston Refinery in 1933 Mr. Shore has worked in numerous positions, everything from a Coke Knocker to Pipe-fitter, Paint Helper, Yardman, Electrician Helper, Boilermaker Helper, Counterman No. 1, Inventory Clerk, Assistant Stores Keeper and finally Stores Department Manager.

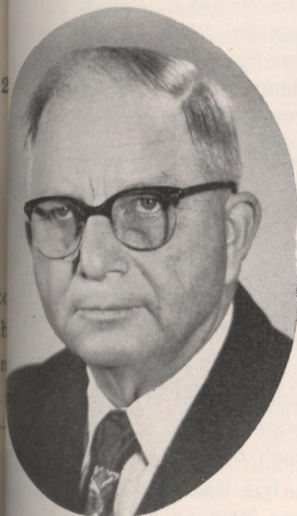
Known best as "Ike", Mr. Shore and his wife Bess have five children, two daughters, Mary and Betty, and three sons, Pete, Ivan Jr., and Bob. Pete and Bob are both in the armed services.

An active participant in civic affairs, Ike is a past Scoutmaster, and Cub Scoutmaster. He is a member of the Highlands Civic Club, the National Riflemen's Association, The American Material Handling Society, the SERA, and the Farm & Ranch Club. Some of his hobbies are hunting, fishing, all types of sports, farming and cattle raising. His favorite pastime is entertaining his four grandchildren. Ike loves to trade and likes to be with people.

R. O. Kay Retires

He's going traveling, now that retirement is here! Mr. R. O. Kay retired August 1, 1953, with approximately 24 years of company service. He was Utilities Operator in the Cooling Water section.

The Kays want to see all the national parks before they decide where to settle. So they will get in their house trailer and tour the country.



A. S. MITCHELL

Steward (Mitch) Mitchell marks off 30 years with Shell on his calendar this September. He is Assistant Department Manager of Shipping.

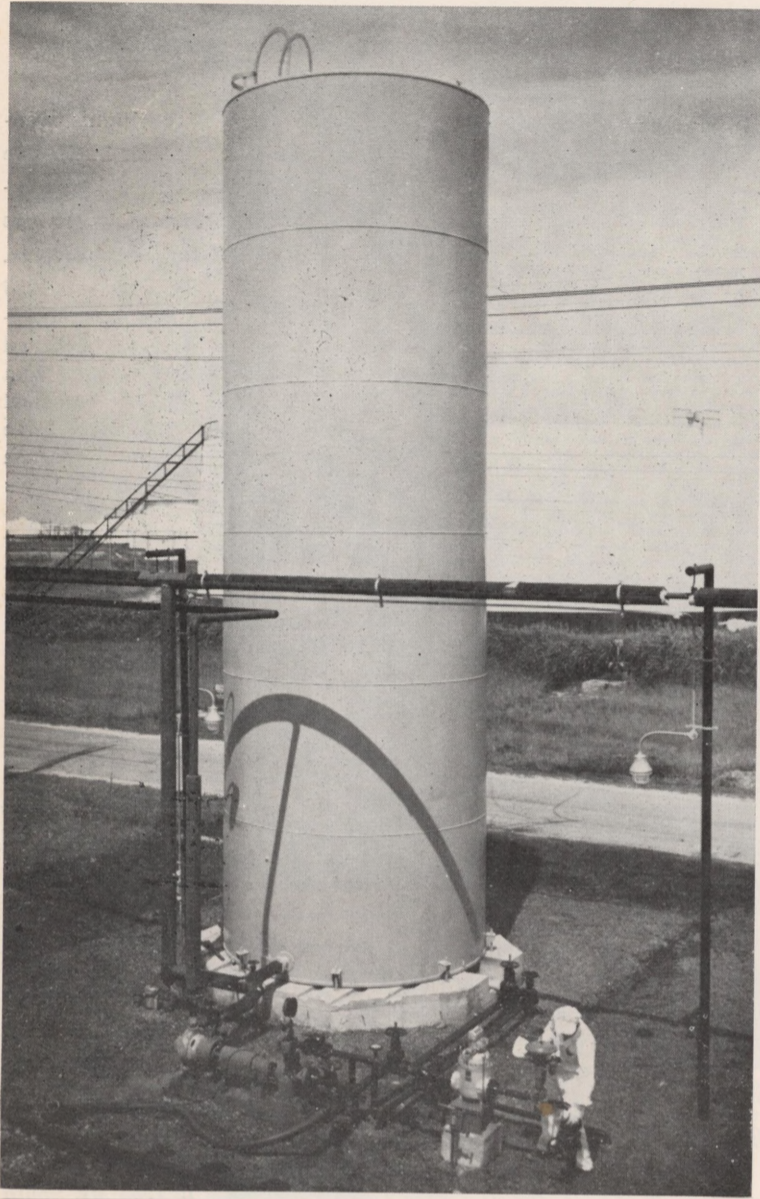
His has been a varied career, he was first employed at Wood River and was a Gauger, a Fireman, a Stillman Helper, and finally a Shift Foreman.

When he came to Houston Refinery in January 1930, his position was that of Shift Foreman. He was Assistant Head Stillman in January 1930. Mr. Mitchell received his present title in January 1947.

The Mitchells have three children all grown. Their home is in Houston Park, and Mr. Mitchell is a member of the School Board of Houston Park.

Mr. Mitchell combines a rather unusual hobby of gunsmithing with hunting and fishing.

Shell Refinery Shares In TCP History-Making By Blending Product



Shell Refinery has an important part in making possible the sale of TCP gasoline, for it is here that the gasoline is blended.

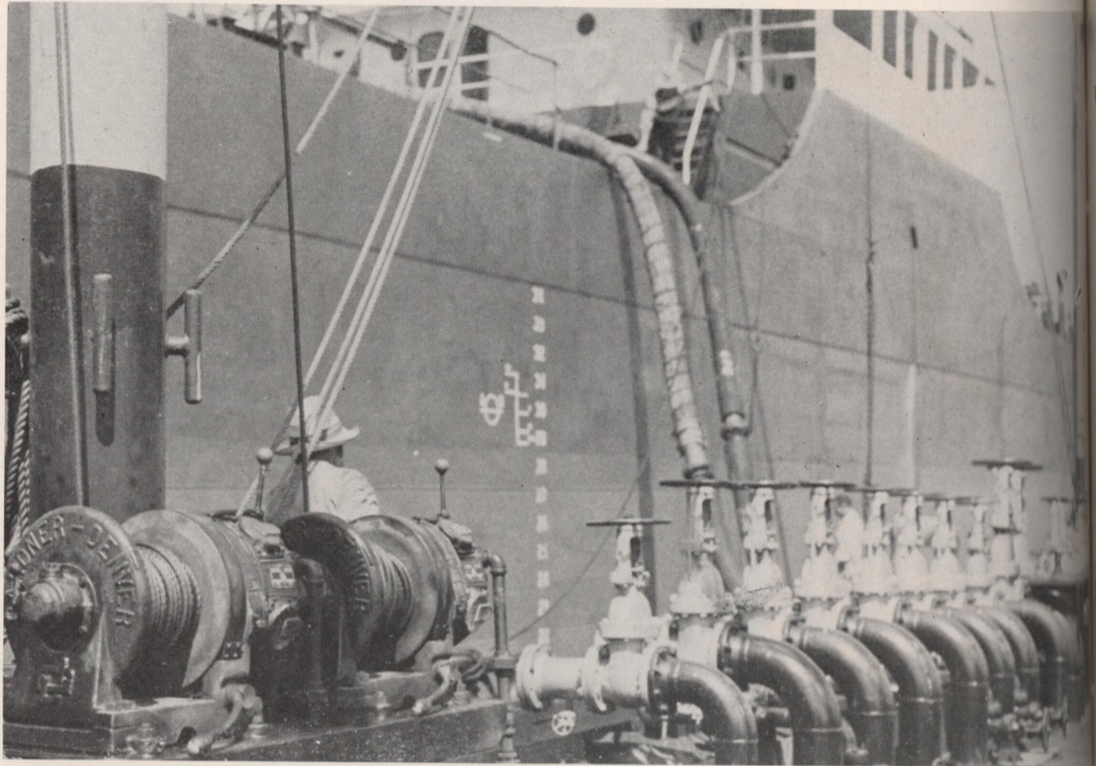
When word first came to begin blending the history-making gasoline, temporary facilities were rush-

ed to completion so that the first gasoline could reach the market in a very short time.

Now permanent blending facilities have been built in the Casing-head Pumphouse area. The TCP is injected into a gasoline transfer

system where a meter measures the required amount of TCP to gasoline containing TCP is tested and stored.

Finally tank cars, ships, and pipelines speed delivery of the revolutionary gasoline to market.



TCP BLENDING FACILITIES (left) go into action as Operator Lester Williams makes the necessary adjustments. TCP is sent from the storage tank in the foreground through a system of pipelines to the Shell Premium storage tanks.

TCP GASOLINE GOES ABOARD (above) as pipeline brings it directly from storage. At the docks an automatic air winch (left foreground) raises the hose into position, and a twist of the valves at the right will send gasoline aboard.

TCP—(Continued from Page One)

Restores Lost Power

After extensive research and testing, Shell found that TCP would do the same job for car engines that it had done for aviation engines and devised special blending procedures to add it to Shell Premium Gasoline. Since then, Shell Premium with TCP has been road-tested for more than 72 million miles, under all possible driv-

ing conditions, by Shell, by major motor car manufacturers and by outstanding independent engineering groups such as the Southwest Research Institute of San Antonio, Texas. Its unique ability to restore power lost through faulty spark plug operation and to eliminate one of the most serious types of engine knocking has been confirmed beyond any doubt.

SESC Holds Annual Barbecue Aug. 1

Some 500 members and guests attended the Shell Employees' Social Club annual barbecue when the group entertained August 1. Location of the event was Bagsby-Wyatt Camp near Houston.

Barbecue, beans, drinks, potato salad and all the trimmings made a mouth-watering meal for the group.

Play Ball

"Play ball" found a responsive crowd, for the group turned out for some entertaining baseball. Later in the day, music took over and the crowd turned to dancing.

The kids had a big time too with games and races. They received

balloons and other favors also. Some of the adults challenged each other to games of dominoes.

Officers of Club

President of the SESC is W. T. Bratton, Automotive Department at the Refinery. Jessie Johnson of the Chemical Plant is secretary-treasurer. Business Manager of the club is Sammie Lee Richardson of the Labor Department at the Refinery. Gip Gibson, Refinery, took the pictures.

In July the SESC held a dance at the Grand Oak. The famous Mac and Ace dance team entertained the group. Music for dancing was furnished by Oddis Turner.

Shellites Attend National Desk & Derrick Convention



TO NATIONAL CONVENTION of Desk & Derrick in Denver, Colo., will go Iris Harmon (left) and Virginia Lowery in September.

When oil women from all over the United States convene in Denver, Colorado, September 11, at the National Desk & Derrick Convention, Shell Refinery and Chemical Plant women will be in attendance. Over 120 Houston members representing 64 companies will attend.

Mushrooming Club

Desk & Derrick is a mushrooming club dedicated to a greater knowledge of the petroleum industry and a wider association among its women. The members learn about the oil industry through taking field trips and having outstanding oil authorities speak at each meeting.

Iris Harmon, Refinery Treasurer, has been an active member in the fast-growing club, serving on the Field Trip-Committee for two years and on the Nominating Committee. She will combine fishing in Colorado on her vacation with the trip to Denver for the convention.

Shellites Attend

Virginia Lowery, secretary of the Research Director of Shell Chemical, will also attend the convention. She's had previous convention experience with Desk & Derrick, for she was a member of the Hospitality Committee at the 1952 national convention in Houston.

Editor of the Shellegram, Mary Marshall, will be a panel speaker in a publications discussion at the convention.

The United States has increased its oil and natural gas consumption at a rate of ten per cent a year since the war, to the point where it now consumes twice as much as it did in 1940.



"LINE UP FOR CHOW" got a hearty response when members, guests attended the annual barbecue of Shell Employees' Social Club.

Shell Employee Langdon Raises Both Mink, Chinchilla At Home

Pets Present Contrasting Habits, Share In Beauty Of Fur Produced

"Shimmering magnificence, luxurious beauty" say the ads, "Ouch" says the pocketbook, and "Heavy" says the recipient of—a beautiful fur coat. The magnificent popular mink and the soft-baby's-kiss newcomer chinchilla steal the spotlight this year.

Raises Both

Not one to choose between the furry gems, Shell employee Langdon, Carpenter Shop, raises them both at his home in Garden Villas, Houston. Alike only in the magnificence of their fur, mink and chinchillas can be compared only after death, for their life habits are at opposite ends.

Shell Wildcat Marked for Seismology Proof

A sign has been erected at the site of Shell's discovery well in the Ten Section field to mark the first wildcat in California to be discovered by reflection seismology.

Waves Bounce Back

Actually, the 1936 discovery in the San Joaquin Valley did almost as much for seismology as seismology did for it. The well helped prove conclusively that structure, 11, feet suitable for holding oil could be located by recording and interpreting the way artificially generated shock waves move through the earth and are bounced back to the surface by reflecting layers.

Before Shell drilled the test well, geologists in the area concentrated their efforts on the east and west sides of the Valley where surface geology indicated possible oil-bearing formations. They ignored the flat Valley floor because it offered no surface clues at all to the underground structures. However, when seismic work indicated possibilities under the valley floor 10 miles southwest of Bakersfield, Shell decided to test the new exploration tool and gamble on a new discovery.

On June 2, 1936, the test well began flowing 744 barrels a day of rich gravity oil.

Shell Proves Tool

Today, after almost 17 years of continuous production, the Ten Section field still has 112 active wells, producing more than 4,000 barrels of oil a day. Possibly even more important than the field, however, is the role that Shell's Ten Section discovery well played in proving the importance of reflection seismology as a valuable new tool in the search for oil.

TWICE ROOM

The Oil Industry must maintain approximately 100 barrels of petroleum storage capacity to every 50 barrels of actual oil held in storage in order to meet its constantly changing storage and handling commitments.

Don has 70 degree air-conditioned quarters for the chinchillas, while the mink can thrive in the climate outdoors. Mink bathe in water—the more the better, whereas chinchillas toss and turn in a white sand and talc powder.

No Middle Ground

"Pretty is as pretty does" has nothing to do with a mink for his temper is as malicious as his fur is fine. A chinchilla's disposition is as soft and sweet as its downy fur. Mink are fast as the wind and bite like a cold norther. Heavy gloves don't even insure the fingers against a mink's teeth. Chinchillas can be easily handled.

Mink eat a combination of meat, fish, tripe, tomatoes, cereal, but a chinchilla's diet consists of pellets and alfalfa.

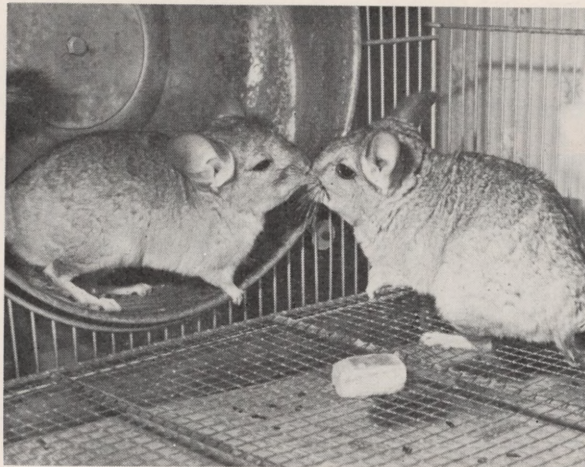
Habits Vary

Mink breed once a year with an average of four to five to the litter, whereas chinchillas breed three times a year with two or three to the group. Mink are born bare of fur with their eyes closed, and don't eat meat for about a month. Chinchillas are born fully furred with eyes open. They hop around the cage in a day or two and soon start nibbling with their parents. The chinchillas breed again the day the young are born. Mink can be pelted in seven months, Chinchillas in five to six months.

Mink run wild over much of the United States, including Houston, but the mink used in coats is, through controlled breeding, no more like its wild ancestors than a registered Hereford is like a Long Horn.

Almost Trapped Out

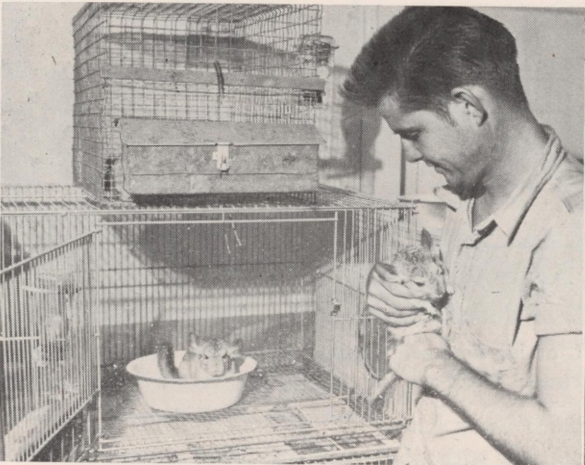
Chinchillas used to run wild in the Andes in such numbers that through the centuries the trappers caught them and used them in profusion until today chinchillas are almost extinct in that region. The fever for breeding them began a strong upgrowth in the United States in about 1940, and chinchilla breeders, through their national association, have set a goal of one



THE PAUSE that refreshes a little chinchilla after his mad run on the exercise wheel is this tender greeting by the two inhabitants of an air-conditioned home. Block of wood in foreground is for chewing fun by the soft rabbit-like animals.



A SCRAWNY distant relative of the mink used to fashion the luxurious fur coats is this wild stuffed mink in the museum. But he did hold still long enough for a picture, which is more than the lightning-like live ones would do.



BATHING IN LUXURY for a chinchilla means tossing around in this bowl of sand and talc while Don has a grip on one chinchilla's tail.



A LIGHTNING-LIKE DASH will send the mink from his door into the bowl of water and back a second later as Don checks the cages.

million chinchillas before they begin production of the coats for sale. Only a few coats are in existence today and these are made from wild one trapped years ago or from animals which either died or were somehow unfit for breeding.

Prices Vary

Good breeding stock in mink run from about \$100 up to \$1000 each in certain exceptional varieties. The average pelt will bring from \$60 to \$150. Chinchillas bring from \$1600 to \$3000 a pair and authorities predict pelts will be worth around \$250 when they arrive on the market in quality. Turning from averages to actual price, it

is clear that condition of the pelt, type of fur, etc. would determine the actual cost which may vary widely.

The mink skin is slit, stretched, and sewed hundreds of times so that a single skin will extend the length of the coat, giving continuous perpendicular lines. The chinchilla coat will feature horizontal lines.

Unique Features

The chinchilla is unique in that each hair follicle may have as many as 60 web-like fibres extending from one root. The fur is so soft that the human sense of touch is not delicate enough to record its softness if the hand is stroked

lightly over the chinchilla's fur without looking. Sight must register the touch.

Make Fine Hobby

Don has about 20 cages of mink, and about 8 cages of chinchillas. This year marks the beginning of his venture with either type. Don finds that they make a very interesting and, he hopes, profitable hobby.

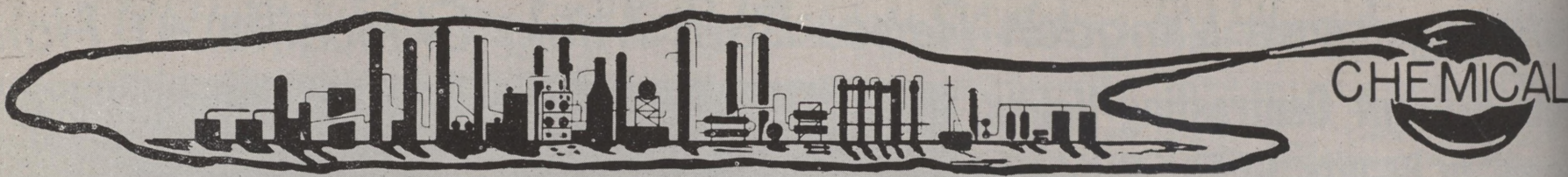
But which pelt is best to clothe the milady in luxury? We'll leave the decision to the fur farmer, the coat makers, the swank selling salons, the feminine taste, the fashion decrees, the man with the money in his pocket. And to time!



ONE OF THE FEW chinchilla coats in existence is this soft number. Photo from Weeks Chinchilla Farm, Houston, Texas.



SHIMMERING MAGNIFICENCE marks this lovely fur at Sakowitz as Laverne Wunsch, Refinery, models it expertly.



New Chemical Plant At Norco, Louisiana Under Construction

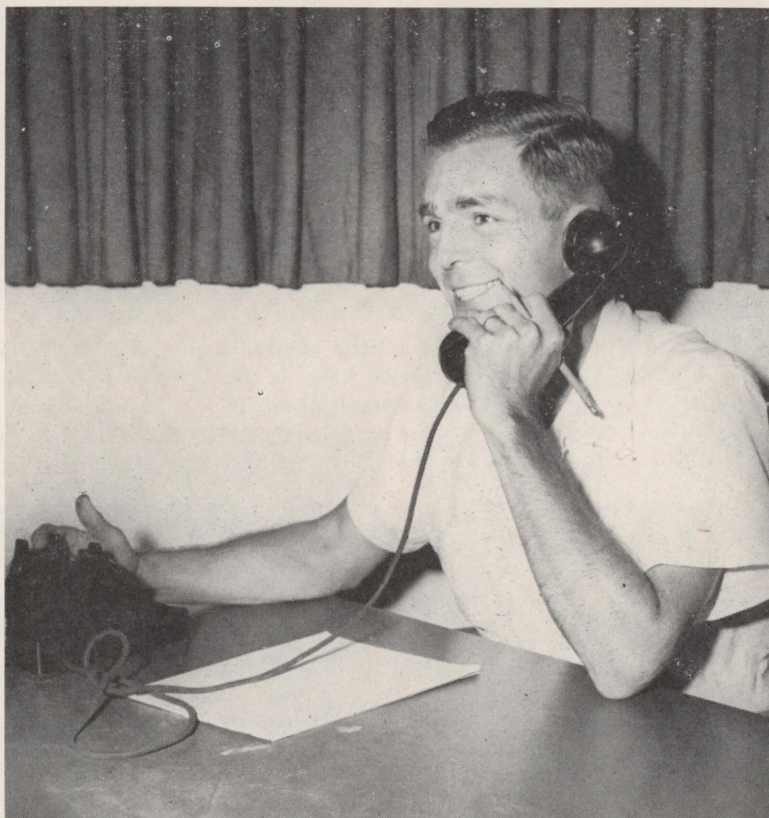
A substantial addition to America's supply of glycerine and Epon resins will result from a new Shell Chemical plant to be erected at Norco, Louisiana, according to an announcement made by Richard C. McCurdy, president of Shell Chemical Corporation.

With construction starting immediately and completion scheduled for late 1954, the new plant will produce allyl chloride and epichlorohydrin. Its output will be used to increase Shell Chemical's glycerine production by 25,000,000 pounds per year, McCurdy stated, and to make available substantial additional quantities of epichlorohydrin and Epon. It is the first step in Shell Chemical's current glycerine expansion program.

Glycerine, an important chemical for both peace and war, goes in to the manufacture of such diverse products as paints, cellophane, cigarettes, toothpaste, cosmetics, and explosives. Prior to 1948 it was derived entirely from animal and vegetable fats as a by-product of the soap industry, and fluctuations of supply made industrial planning difficult. In that year Shell Chemical produced the country's first commercial quantities of synthetic glycerine, from petroleum raw materials, and now supplies more than 20 per cent of the American market.

Epichlorohydrin is a vital component of many chemical products, including Shell Chemical's Epon resins, which are becoming increasingly important in the surface coatings and structural resins fields.

Norco plant, an entirely new site for Shell Chemical, is designed to



THE ARRIVAL of his new son, Alan, and his new assignment as Assistant Department Head are the reasons for Harold Row's smile.

operate in conjunction with the Shell Oil Company refinery and will use propylene and other feed stocks it produces. Employing about 150 workers initially, it is expected to play a major part in the continuing growth of the New Orleans industrial area.

The new Norco plant will be patterned after our G-100, G-200, and G-300 Units here at Houston. The crude epichlorohydrins will be shipped here for conversion to glycerine and for finishing. Additional refined epichlorohydrin will be apportioned between the making of Epon resins and sales.

K. O. McDonald, Civil Engineer; C. C. Brothers, Mechanical Eng-

ineer; E. A. Lawver, Electrical Engineer; and W. A. Gabig, Mechanical Engineer are the Houston Engineers who have gone to Head Office to help in the new project. Jim Henderson from G Department is also in Head Office to assist in process design work for the new Norco plant.

Harold S. Row Recently Selected Assistant G Department Manager

Harold Row has taken over the duties of Assistant Department Manager for G Department. He will work mainly with the general operation of units, G-300, 400, 450, and 500. Harold has been with Shell since 1947 when he was employed as a Junior Technologist. Since that time he has worked as a Technologist and with E Department as a Technical Assistant.

A Rice graduate, in 1945, Harold has a BS in Chemical Engineering. While at school he was elected to Taubetapi and Phi Lambda Upsilon, honorary fraternities. A native of Oklahoma City, Harold spent four years in the Navy where he served as an Ensign.

Right now Harold's main interest is his new born son, Alan Dockery, who will be master of the Row home from now on. Alan is Fran and Harold's pride and joy. He is their first child and they are extremely happy over Master Alan's arrival.

Because of a strong desire for fresh vegetables, Harold began to work with gardening. He keeps a small garden in his yard where he grows such things as lettuce, tomatoes, cucumbers, and a few other types of vegetables. After awhile Harold became interested in hydroponics, the growing of plants especially vegetables with their roots immersed in an aqueous so-

lution containing the essential mineral nutrient salts, instead of in soil. This study is rather new and isn't practiced too widely at this time. There are some tomato farms in California, which use this process for experimental purposes. Harold took up this hobby because as he expresses it: "I'm a small plot farmer, with more energy than space." A bumper crop of thirty pounds of tomatoes, which Harold set out last year. The process is to plant the seeds in sand and keep the sand damp with a certain chemical solution. The sand should be washed and preferably sterilized to prevent undesirable reactions from the solution. Once Harold grew some radishes. They came out fine except for a few hairlike roots which tickled his nose when he tried to eat them.

Harold and his family live in Pasadena.

Shell Credit Union Celebrates Secretary's Tenth Year

At a regular monthly meeting of the Board of the Credit Union on July 10, Vivian Tucker, secretary to Mr. B. M. Downey, was honored with a surprise anniversary dinner. It was Vivian's tenth anniversary as secretary of the Credit Union. A very nice dinner was served before the meeting. At the meeting Vivian was presented with a Parker '51 Pen and Pencil set by John E. Garrison, who is Vice President of the Board. The party was a complete surprise to Vivian, who was rushed off to Bob Haldane's office before the dinner. Their excuse to Vivian was a discussion of private and confidential business. Thirteen people attended the dinner to help celebrate Vivian's anniversary.

Vivian has been with the company since June 8, 1936 when she was employed as a stenographer at Shell Oil. She was transferred to Chemical in 1946 and has been a right hand to Mr. Downey ever since.

Works Efficiently

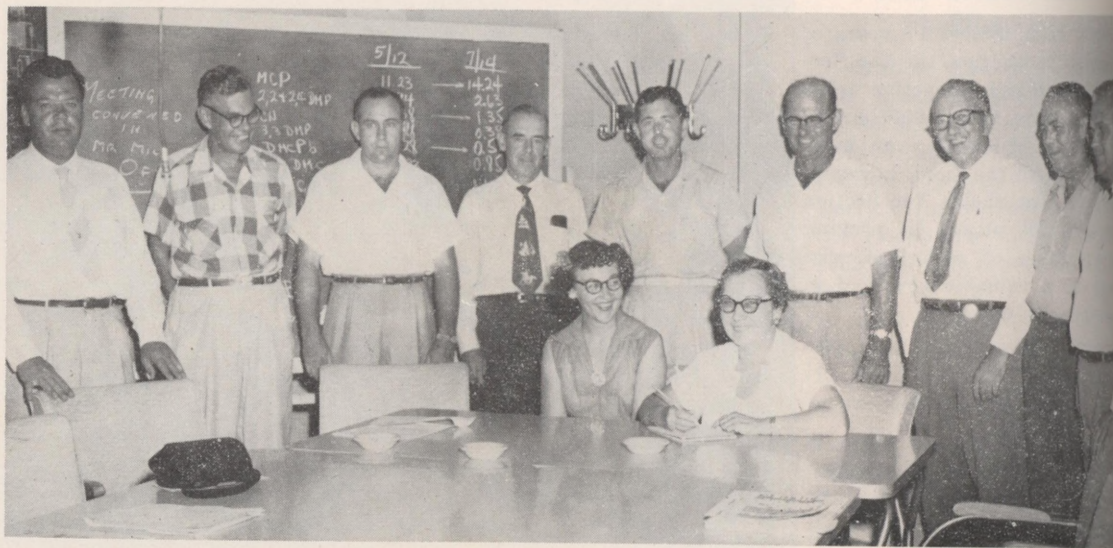
Aside from her busy job she is also secretary for the Houston Chapter of the Federal Credit Union, a position she has held for two years. There are some one hundred and thirty-five Credit Unions in the county who come under the Houston Chapter. An efficient worker, Vivian finds time to be an active member of the Desk and Derrick Club. She has a large collection of recipes and is always looking for new ones. Her favorite

pastime is making friends.

The Credit Union was organized in 1937 when one man could handle all the business from one folder, which he carried around with him. The Credit Union, which has grown by leaps and bounds, now has five full-time employees. The Officers of the Board of Directors are Bob Haldane, President; John Garrison, Vice President; Joe Murray, Treasurer, and Vivian Tucker, Secretary. The Credit Union's principal purpose is to safeguard the employees against the outrageous loan shark business. The Credit Union now has over one million dollars in assets. Vivian Tucker's ability to take part with whole-hearted enthusiasm has helped a great deal in advancing the Credit Union.

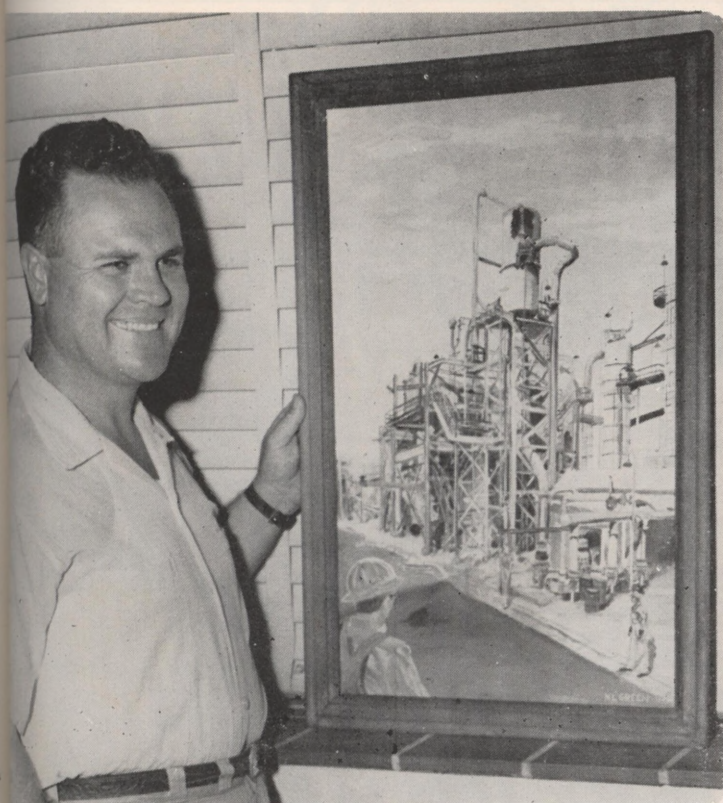


John Garrison presents Vivian Tucker with "A pen for our Secretary"



HONOREE VIVIAN TUCKER sits with pencil ready to work like she has done so long for the Credit Union. Mary Jane McFarland is with

her. Standing are: John Anderson, Joe Murray, P. H. Bosse, Bob Haldane, John Garrison, O. A. Sublett, L. J. Snyder, W. O. Miller, A. M. Eaton.



H. L. GREEN IS SKILLED with all sizes of paint brushes. Here he displays a realistic painting of a section of G Plant.

Both As Trade and As Hobby, Painting Keeps Mr. Green Busy

Most people choose a hobby that diverts from their daily working routine. H. L. Green, however, chose a hobby which is very similar to his everyday occupation. The only difference between home activities and work is the size of a paint brush. A painter by trade, Mr. Green has developed skill in both industrial and commercial painting. Out here

is known around 'G' Plant as a very friendly fellow and a mighty good painter. Mr. Green has done especially realistic painting of a section of 'G' Plant. The painting is done with casein paints. The many details in the painting were copied from a photograph from our Shell News magazine.

Prior to coming to Shell in 1948, Green worked as a welder, but decided to come into the Paint Shop here. As Mr. Green puts it: "It seems you can weld all day and make very little progress, but you can paint and see where you've been." A strong interest in commercial art encouraged Mr. Green to complete a correspondence course with The American School of Art. Oil paints are a favorite material of Mr. Green but they are slow to work with. He finds that casein is much faster mainly because the colors can be blended on the canvas.

Directs Choir

Painting, however, isn't a full time hobby with Mr. Green. He finds time to direct the choir of the La Porte Baptist Church and use his tenor voice as soloist at quite a few weddings. After singing in weddings for about three years Mr. Green's favorite song is still "I Love You Truly." At the University of Houston, H. L. studied musical education under Dr. King. Mr. Green's two year old daughter is already on the way to becoming a singer. She can carry a tune and although all the words aren't right, she does pretty well on popular songs. When he was in high school, Mr. Green played the violin and mandolin in string bands. He really doesn't care much for hill-billy music however.

In their Deer Park home, the Greens, H. L., Ruby and their four daughters, see plenty of evidence of their father's hobby. Mr. Green makes a good many of his own

frames, some from pine or drift wood.

H. L. has also done a mural for a Houston cafe. All sizes and shapes of pictures fill their home as a happy reminder to a pleasant pastime.

Sticky Stuff For Saber Jets

Lighter, faster aircraft are in the sky today because of the unique gluing qualities of Shell Chemical's Epon resins.

Aircraft designers have known for years that they could reduce an airplane's weight by substituting metal "honeycomb" for solid metal. They've used this honeycomb wherever they could, for flooring and other flat surfaces where the stress was not too great.

It wasn't until they tried Epon resins as adhesives, however, that they've been able to use metal honeycomb for air-frame parts with curved and shaped surfaces as well.

Epon makes it possible to fasten thin sheets of aluminum to the aluminum honeycomb . . . like slices of bread around a sandwich fill . . . so firmly that the end result is just as strong as a solid metal spar of the same dimensions, and considerably lighter.

One leading manufacturer today uses the new binding technique for some 50 secondary parts of planes. The glue holds firmly even under the tremendous stress of F-86 Saber Jets and other high speed aircraft.

Today's Chuckle

The saddest words of tongue or pen are these—"My vacation's over."

Gloria Eberman Weds, Will Live In Alaska

Gloria Eberman, daughter of Joe Eberman, was married to Charles Robert Murphy in a quiet service at St. Mark's Cathedral in Seattle, Washington, on August 7th. The ceremony was performed by Bishop John C. Leffler. The Chilean Counsel, Mrs. Jose Sampelayo, and her daughter were among the guests at the wedding.

Makes Home in Alaska

Gloria and Charles will make their home in Anchorage, Alaska. Charles is stationed at Elmendorf Field in the Air Force. Gloria, who just recently graduated from University of Texas, has been studying for a good while to prepare herself for this trip. She took special classes and wrote a thesis about Alaska. The young couple are very happy and most excited about this new adventure.

The trip was a long one but Joe and Nique really enjoyed the cool and comfortable weather.

DDS Enters Air Force

Myles Irving Cogan, son of Myles H. R. Cogan, graduated from the University of Texas School of Dentistry with a D. D. S. Degree. He was also voted to membership and received a key as a member of Omicron Kappa Upsilon, Dental Honor Society. At graduation, Myles received his commission as a First Lieutenant in the Air Force.

The Instrument Society of America has been holding Instrument Mechanic Training Classes in Pasadena. The last series of three was on the general subject of Electronic Instruments. The first was given by Brown, the second by Foxboro, and the third by Leeds and Northrup. Several of Chemical's men have taken advantage of this opportunity, which was made possible at no cost by the Houston Chapter of the ISA. The

committee for these classes was Robb Y. Rankin, Sinclair; J. W. Mizenko, Shell Oil; and F. L. Barr, Shell Chemical. The men from the Chemical Plant who attended were R. W. Smith, K. C. Walker, P. M. Baker and R. P. Pomeroy.

"A fishin' we will go." They went and came back with a long string full. The trio of fishermen (l to r) Vince Cottrill, Glenn Orr, and Ken Braud.



Really Made A Catch

San Leon was the spot and the merry fishermen were Vince Cottrill, Glenn Orr and Ken Braud. They had a good luck day being the high boat when they came in. The catch was some twenty-seven fish. Glenn used a spreader and not once but twice, he had two fish on the line at a time. The days fishing made it evident that Ken Braud is a better duck hunter than a fisherman. The boys really had a swell time.

Lab Visits Beach

The laboratory had a picnic at Velasco Beach on July 18th. There was a very good turn out. Some fish were caught but no pictures were taken to prove this (it's difficult to take a picture of a three inch fish). Apparently Hank Anderegg likes "silicated" hot dogs as he dropped his in the sand not once, but three times.

It is nice to have some familiar

faces back with us. Welcome back to Wally Goffeney, Jack Kalarquist and Ken Hartman. They have just recently returned from military service.

Shell Folks Travel

Oklahoma was the vacation spot of Paul Sanders and Gil Barnes.

Betty Hudson was off to Kansas to visit her folks. Ed Hyett and Ralph Marsh are both back looking very rested. Norma Poyle had a short stay in Columbus, Georgia. Patsy Ashworth just went to all parts of West Texas. John Geise spent his vacation in America's dreamland—Wisconsin. Dan Burns managed to get in two weeks fishing, which he missed last year because of illness.

Millie Griffin presented Howard with another lovely daughter and that's two for this swell couple. If anyone has a sure-fire formula for a boy please contact Howard.

Going Up

The carpenters showed their skill in scaffold building recently. They constructed a scaffolding to the top of the Sulfur Plant Flare, 117 feet. A new smokeless pilot for the flare is being installed. It is the latest thing in pilots for high altitudes, won't blow out in high wind.

Training Program Combines Theory and Practice



THE STUDY OF PRODUCTS made at Houston and other Shell Chemical Plants is part of the program of this orientation class. Seated left to right: A. B. Harris, George Velton, Wayne Derick, Laddie Macha, Ralph Sproston, Dick Slyker, Bill Scruggs, Mac Rothschild, Tom Royall, and Bob Riddle. The discussion leader for this group is Neil H. McKay of the Technological Dept.

There is no end to learning, no limit to the amount of knowledge we should acquire. Knowledge differs from other essentials of life. For example we need food to live. But overeating shortens life's span—gluttony is always harmful. There are cases where medicine in small doses helps sustain life but an overdose would be fatal. However, we never hear of a person suffering from an overdose of knowledge. On the contrary, it is the little bit of knowledge that is

better appreciation of each job performance. This is our present system of employee development. In it we recognize the values of combining, knowing and doing, of coordinating head and hand. Practice without theory is like a tree without roots, but theory without practice is a tree without fruit. Combine theory and practice. Put them together and the end product is success.

In our plant employees desiring to learn to become skilled workers are afforded some opportunity to get a combination of theory and practice. They receive class room instruction and job experience, earnings while learning, and get the benefits of both the academic instruction and the field experience. Supplementary information and instruction may be obtained from local vocational schools, universities, and trade schools to give

Seven-Year-Old Lass Lands Five-Foot Tarpon



Eileen O'Toole Uses Croaker Bait

This is one fish story where the fisherman can't stretch the truth. The seven-year-old angler Eileen O'Toole just isn't big enough to stretch that far—even on tiptoes with arms above her head.

She caught a tarpon measuring five feet seven inches!

Daughter of Mr. and Mrs. Cleve O'Toole of Engineering, Eileen hooked and landed the huge tarpon at Port Alto near Palacios when she was visiting relatives recently. They were fishing off the boat pier when the little blonde caught a croaker.

She decided to use it for bait, and the tarpon decided to eat it.

Seeing that the fish on the line was nearly twice the size of the young fisherman, Eileen's great-grandmother shouted, "Help, help. Eileen's got a whale." Her grandfather rushed over and helped Eileen haul the giant to shore.

The proud little angler has the fish on ice to show just how big the giant really is!

IZAAK WALTON was a novice compared to seven-year-old Eileen O'Toole who landed a tarpon twice her size fishing at Port Alto near Palacios.



SCOUTERS BOTH are H. D. Estes (left) and son Frank who just got back from the National Scout Jamboree held in California.

Shellites Attend National Scout Jamboree With Representatives From 17 Countries

Three sons of Shell employees from Houston Refinery and Chemical Plant were among 45,000 scouts attending the Third National Boy Scout Jamboree at Irvine Ranch in California this summer. All the states in the Union plus 17 different countries had representatives.

Terry Thomas, son of V. B. Thomas of the Lube Plant; Danny Williams, son of Marion E. Williams from the Chemical Plant; and Frank Estes, son of H. D. Estes of Economics and Scheduling were the avid scouters. Terry and Danny were on vacation when the picture of the group was scheduled.

The boys were members of Jamboree Troop 4, a troop organized from local boys in a variety of

troops to attend the Jamboree. Arriving at the Irvine Ranch, the boys set up tents and made preparations to cook.

Each separate jamboree patrol of 10 boys did all of its own cooking with food furnished from the scout headquarters. Danny was quartermaster and Terry the assistant patrol leader.

In the varied program of skill demonstration and sports offered the boys, Troop 4 gave a rope twirling demonstration. Hollywood stars presented programs for the boys at night.

Frank plans to attend the next Jamboree to be held some four years from now. Both Frank and his father Harry are scouters, for Harry is Scoutmaster of Frank's troop.

Tennis Star Leaves

Tennis star Dr. J. D. Heldman, former Chief Research Technologist at Refinery Research, has been transferred to New York. Fred Kunreuther will be Chief Research Technologist.

Both Julius and his wife Gladys have contributed to Refinery and Houston sports life through their interest in tennis. He was president of the Houston Tennis Association for three years, and he resigned the vice-presidency of the Texas Tennis Association upon his departure for New York. Julius had been U. S. Junior Champion in 1936 and First Ranking Player of California in 1947.

Gladys, besides publishing a new magazine "World Tennis" in partnership with Gardner Mulloy, is First Ranking Player in Texas this year. In 1951 she won the coveted Service Bowl Award which is presented annually to the woman who has done most for American tennis.

Attend ARRL Meet

Charlie Bednar of Research was one of about 3000 ham radio operators who registered for the National Amateur Radio Relay League Convention held at the Shamrock Hotel in July.

Both Charlie and his wife were active in convention business and social affairs. Special delegations came from Germany, Africa, Cuba, Mexico, and Canada, and some of these men gave technical lectures and demonstrations.

The U. S. Army Signal Corps sent a fleet of trucks containing the newest radio equipment. They remained in continuous mobile radio contact with army installations over the world, and also with radio hams over the United States as a civil defense coordination test.

O'Neal One Of World's Best In Field



INTERNATIONAL AUTHORITY on the mass spectrometry machine like the one in the background is M. J. O'Neal, Research.

With M. J. O'Neal's invitation to address the Institute of Petroleum symposium in London in October comes recognition that he is one of the world's outstanding authorities in his field high mass spectrometry. In June the Research Group Leader addressed by invitation the Gordon Research Conference in New Hampshire, to which only experts from companies over the world were invited.

He will deliver a paper on high molecular weight mass spectrometry at the London meeting. "Application of Mass Spectrometry to Oil Constitution."

For the uninitiated, Mr. O'Neal has briefly explained that in mass spectrometry, electrons are shot at molecules. The different molecules fly apart in certain characteristic ways. By getting the molecular fragments and separating them according to weight, the

molecules can be re-constructed visually.

Shoot House Apart

And if you still don't understand, he says it is "compared to a cannon shooting a house apart, so that an architect can look at the pieces to see what the house was."

Beginning his career with Shell in 1944 as a Junior Research Chemist, he has been in the field of spectrometry since 1945. Within these eight years, he has risen to a position of international recognition. He is a graduate of the University of Texas.

Holds Offices

He was elected Vice Chairman of the ASTM (American Society for Testing Materials) Technical Committee E-14 and was voted Chairman of the Sub-Committee of High Temperature Application of Mass Spectrometry.

Mr. and Mrs. O'Neal have three children, Nancy Ann, age 6, Steven, age 3, and Thomas Michael born this August. Their home is in Pasadena.

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