

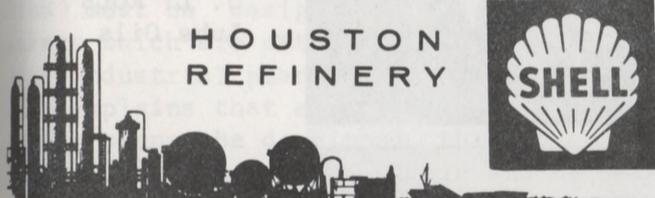


FOOD FOR THE PARTY--Leonard McNeill, left, owner of the Executive Country Club, discusses types of meat with Houston Refinery Manager Personnel, L. J. Hallmark. The meat is of the type which is planned for the Refinery's 1968 Ten Year and Over Party on October 12. The party is scheduled to begin at 11:00 a.m. and end at 5:00 p.m. and all active Houston Refinery employees who will have at least ten years of Shell service by the end of this year, and pensioners who retired from Houston Refinery, are invited to attend the feast. Hallmark is chairman of the Refinery's Ten and Over Party Committee.



UNITED FUND SPEAKERS--L. T. Wilson, left, Refinery Manager, and Evelyn Todd, daughter of Engineering Field's C.S. Todd, were among the persons on the program at the Monday morning United Fund Meeting for the Engineering Field and Purchasing personnel. The meeting was held in the Main Shops Building and Evelyn was the keynote speaker. A highpoint of her speech was the fact that we should contribute generously to the UF because, as she pointed out about youngsters with cerebral palsy, "The very things we accept in our everyday life are the very things they struggle for months and years to do; and, they still may never reach their goal." See page 4 for more pictures of the meeting.

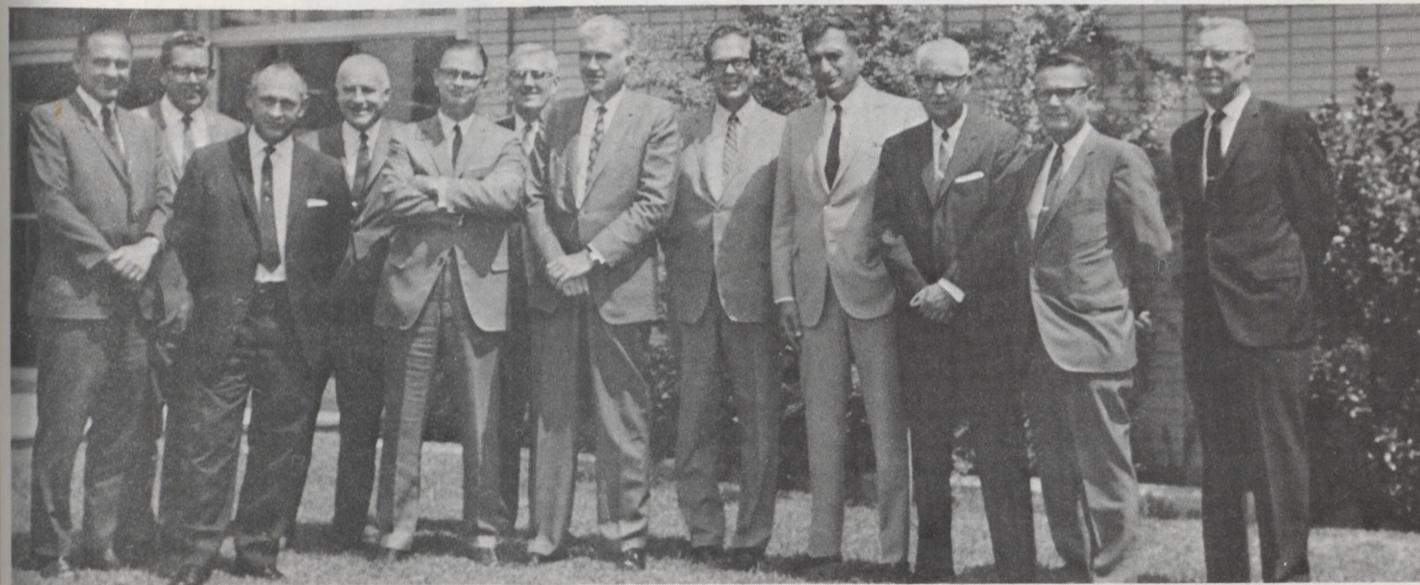
SHELLEGRAPH



No. 308 Friday, September 27, 1968

UNITED FUND STANDING

At the Shellegraph's press deadline on Wednesday afternoon, the Refinery United Fund solicitors had collected the sum of \$34,400. This represents 101% of the Refinery employees' goal of \$34,000.



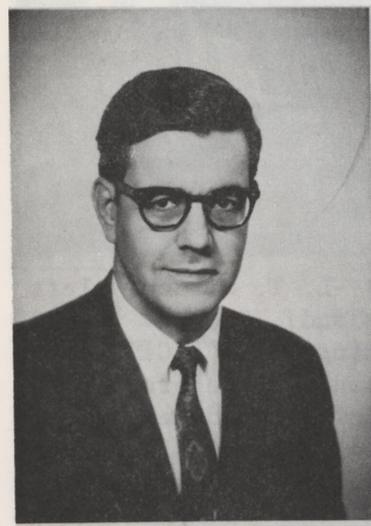
MANAGEMENT VISITORS--Houston Refinery was the host for the Shell Refinery Managers' Meeting which was held recently at the Warwick Hotel in Houston and at the Refinery. Among the persons attending the meeting who toured the Refinery and Houston Research Laboratory were, from left to right, A. S. Lehmann, General Manager-Refinery Expansion; R. C. Barton, Manager Anacortes Refinery; C. H. Plomteaux, Manager Norco Refinery; H. M. Karr, Manager Wilmington Refinery; R. M. Hart, Executive Vice President-Manufacturing, Transportation & Supplies, & Marketing; A. J. Wood, Manager Martinez Refinery; H. E. Walker, Vice President Manufacturing; J. W. Sheehan, General Manager Refineries; P. Gordon, Vice President Manufacturing, Shell Canada Ltd.; R. S. Douglass, Jr., Manager Odessa and Ciniza Refineries, E. A. Ballman, Manager Wood River Refinery; and G. A. Lorenz, General Manager Research and Development.

SOMETHING TO FLY ABOUT

If you've ever griped about the fly population on a picnic, consider this: If the offspring from one pair of houseflies all

survived and reproduced normally for six months, there would be 191,000,000,000,000,000,000,000,000,000,000,000,000,000,000 flies. Further computations show that the 191 quintillion flies would cover the earth to a depth of 47 feet.

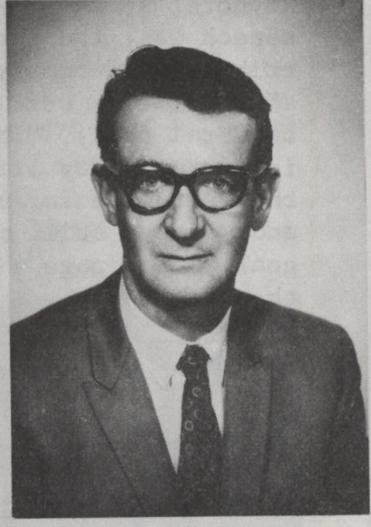
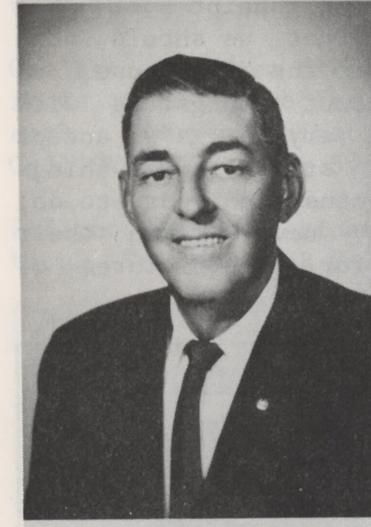
SERVICE ANNIVERSARIES



25 Years
R. J. CLERC
Research

25 Years
B. E. DANIELS
Dispatching

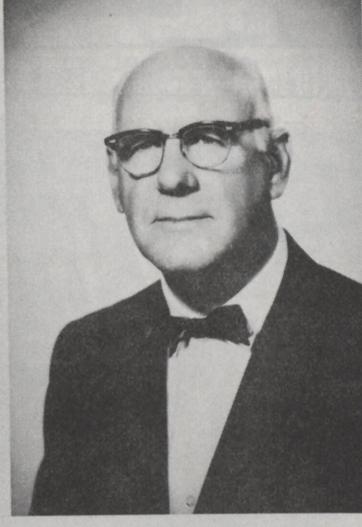
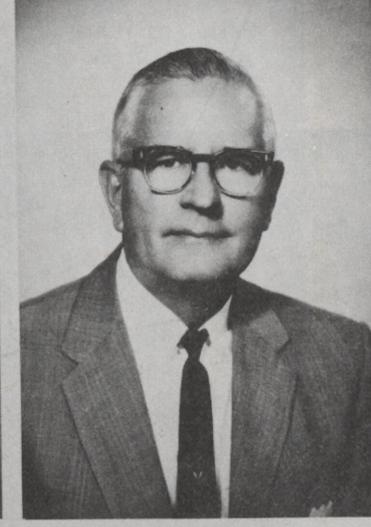
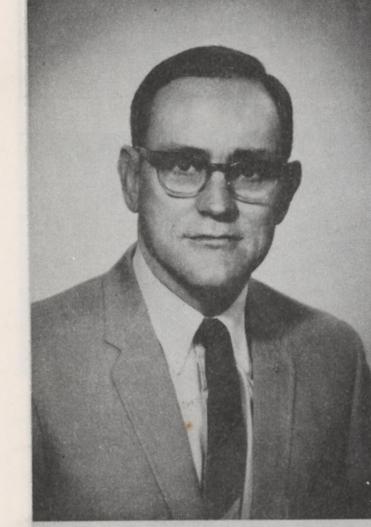
25 Years
T. C. DUNAGAN
Eng. Field



30 Years
H. G. GIEBELSTEIN
Gas & Thermal
Cracking

30 Years
H. L. ISHAM
Administration

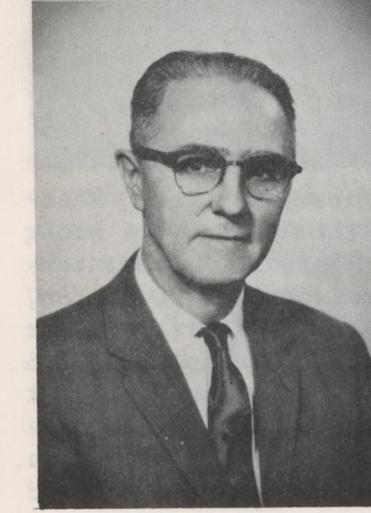
25 Years
J. L. KOLB
Lube Oils



25 Years
P. N. LOWE
Eng. Services

30 Years
R. B. MANN
Eng. Field

25 Years
R. D. PLAISANCE
Eng. Office



35 Years
F. L. ROBINSON
Refinery Lab

30 Years
G. A. SMITH
Eng. Field

25 Years
E. THOMAS
Utilities

SHELL CHEMICAL'S NEW GIANT WASTE WATER FACILITY CONSTRUCTION PROGRESSING
AS FOOTBALL FIELD SIZE AERATION BASINS NEAR COMPLETION

Two huge aeration basins are nearing completion at the new \$4,000,000 secondary waste water treatment facility currently under construction at the Shell Chemical Company, Houston Plant. These aeration basins, each approximately the size of a football field, will serve as the heart of the new system designed to duplicate natural biological processes which purify streams and rivers. Each aeration basin will contain billions of harmless microorganisms that consume, as part of their food requirements, dissolved organic materials which may be present in waste water discharged by the Plant. Seven turbine aerators will agitate the water in each basin in order to provide the increased dissolved oxygen content requirement for the biological processes.

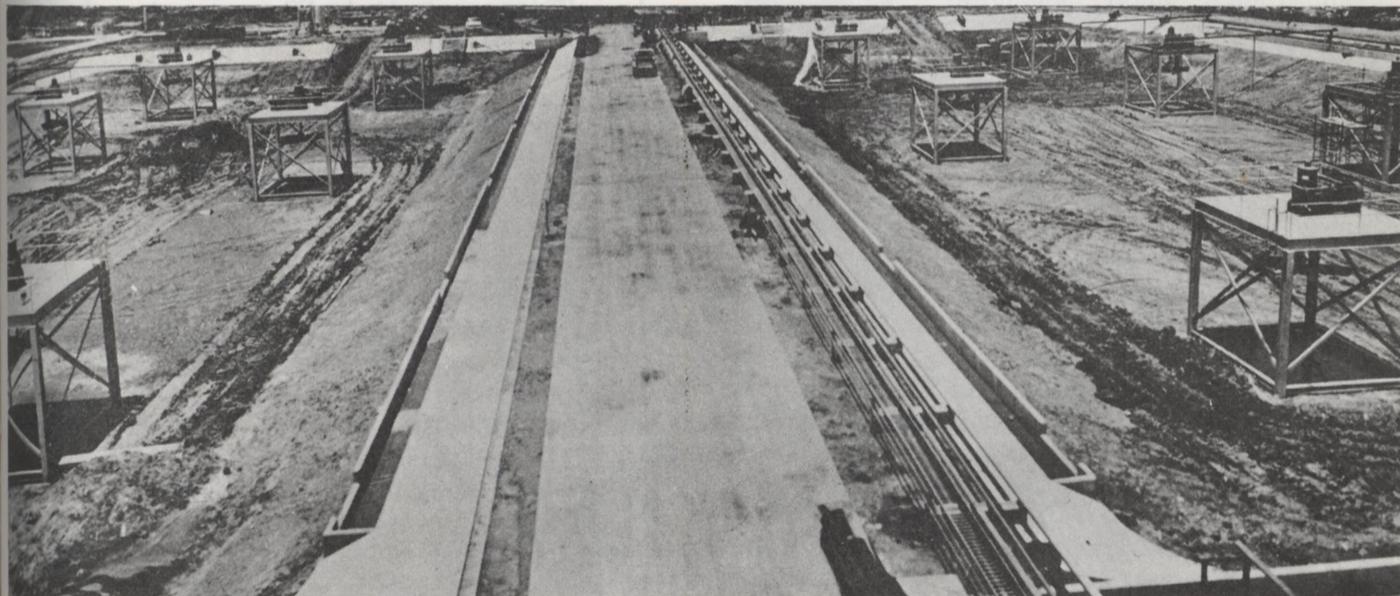
The new secondary system also includes clarifiers and sludge concentrators and will be able to treat 6,500,000 gallons of water each day. This huge system will supplement the extensive primary waste water treatment facilities which have been in operation at the Plant for several years. The system designed is based on information obtained through extensive laboratory testing and treatability studies initiated in the fall of 1964 and represents an effective long-range water pollution abatement program.

According to W. W. Wright, Assistant Manager, in charge of pollution abatement facilities at the Plant, a vast majority of industrial complexes located throughout the Houston Ship Channel-Galveston Bay area are currently undertaking extensive efforts to combat water pollution. Wright states that while municipal water treatment systems are generally faced with waste waters chemically similar in nature, industrial waste water treatment facilities must be designed for unique waste waters which are often peculiar to a specific industrial plant or operation. Wright also explains that effective treatment systems cannot be developed through an inflexible reliance upon simple and unexplained rules of thumb. The underlying science of water pollution abatement must be carefully studied and understood to avoid building abatement facilities which are either seriously underdesigned or uneconomically oversized. The taxpayers and



NAVAL AVIATOR---James F. Lee, Jr., second from left, son of Refinery Laboratory's J. F. Lee, was recently designated as a Naval Aviator in ceremonies at NAS Ellyson, Pensacola, Florida. Others in the picture are, from left to right, Cdr. C. J. Jaburg; Randy Smith, a nephew of Lee's; Mrs. and Mr. J. F. Lee; and Chaplain Howard. A letter from Cdr. Jaburg to young Lee's parents stated, "...His designation represents a major milestone in his professional career and is certainly an important achievement to him personally."

consumers, who ultimately pay the cost of this cleanup, must also realize that the installation of effective water pollution abatement systems requires extensive lead times and large capital expenditures.



HEART OF SYSTEM---These two huge aeration basins at Shell Chemical's Houston Plant are nearing completion. The basins will serve as the heart of a new waste water purification facility at the Plant and will duplicate natural biological processes which purify streams and rivers. Each basin will contain billions of harmless microorganisms that consume dissolved organic materials which may be present in waste water discharged by the Plant.

CLASSIFIEDS

WANTED TO BUY

Most older comic books, pulp magazines, Big Little Books, books or material having to do with the comics. Telephone 473-8720

FOR SALE

1964 Four-door Impala Chevrolet, radio heater, air cond., good condition, \$1000 Telephone MI-9-1033

One-Ton RCA A/C Clean; \$75. Telephone MI-3-9109

1940 Ford, 365 hp 327 Chevrolet engine New, 4-speed. Solid body, good tires, \$525, Telephone 645-3732

Chev. II 6-cyl. motor, bad compression, \$35. Mini-bike \$60. Telephone 946-1867

Gentle saddle horse. Ideal for children or anyone. \$65. Telephone GR3-1274

23" Admiral B&W 1963 TV \$35. Telephone GR-2-2933

Lake house, 70 miles from Houston, 20x30 two bedrooms, lights, water and plumbing fixtures. Good buy. Telephone WA-6-9129

Hemisfair Ticket Book (\$15 value) Admission, Rides and Attractions \$8. Phone GR-3-1082

HONDA MOTORCYCLE CAUGHT IN CYPRESS CREEK BY PARKS & WILDLIFE DEPARTMENT OFFICIALS

When fresh water fishery biologists drag a seine through a stream they never know what they are going to find, says Clarence Beezley, information education officer for the Texas Parks and Wildlife Department at LaPorte.

Recently, David Pritchard, Bill Provine and John Prentice of the Department pulled a seine through Cypress Creek in Harris County when they made a rather sizeable catch--a Honda 300 motorcycle.

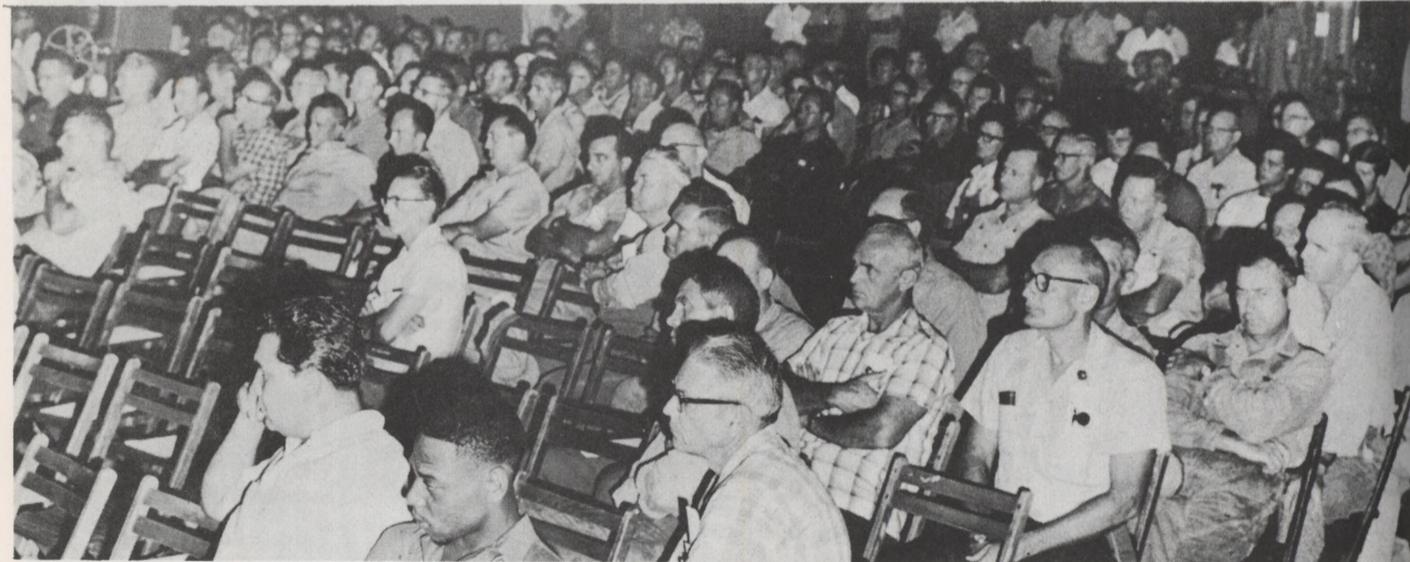
"Turns out it had been stolen a week before, so it wasn't a keeper," Beezley said.

TEXAS PARKS FACTS

Over the last five years (after development) the visitation at Huntsville State Park (60 miles from Houston) increased 346.5%... estimated visitation over the same period of time, based on past trends, indicated an increase of only 25.4%.



GUEST SPEAKER--B. R. Ramey, at podium, Secretary-Treasurer of the OCAW Union, Local 4-637, was one of the guest speakers at the Engineering Field and Purchasing employees' UF meeting on Monday, September 23. He pledged the support of the OCAW in the current UF campaign and pointed out that the goals sought by the UF are of a mutual concern to all. Seated in the background are, from left to right, E. H. Mergens and C. S. Matney, the co-chairman for the current Refinery UF drive; Evelyn Todd, guest speaker; and L. T. Wilson, Refinery Manager, and also one of the program speakers.



UNITED FUND AUDIENCE--These are some of the Engineering Field and Purchasing Department employees who attended the United Fund meeting on Monday morning, September 23. The employees were shown a film about the United Fund and the agencies that are supported by the funds collected in the campaign. There were also several speakers on the program.