



Shellegraph

Houston Refinery

No. 35

Friday, September 17, 1971

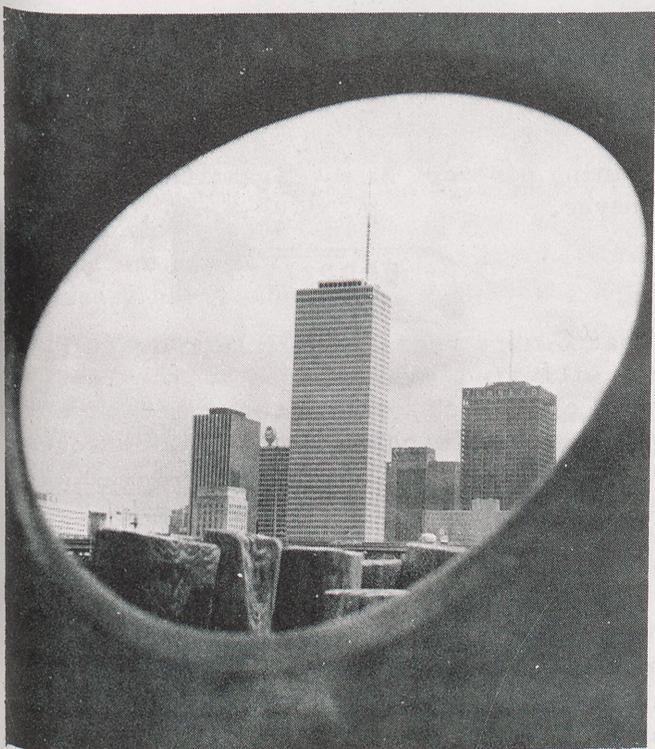
Saturday, October 23

REFINERY MANAGER SETS DATE FOR ANNUAL 10 AND OVER PARTY

John G. Pratt, Refinery Manager, has announced that the annual Ten Year and Over Service Party will be held Saturday, October 23 at the Executive Country Club.

All retirees and employees with ten or more years of accredited service may attend. The function will be held from 11 a.m. to 5 p.m. at the Club at 7001 Capitol, Houston.

Food and fellowship will be the fare for the day, and three color TV sets will be tuned to the Texas Tech-SMU football game.



Inventive Vern Burnett, Machine Operator, Treasury, spotlighted One Shell Plaza and the downtown area by taking this picture through a sculpture at the bayou Overlook on Allen Parkway. Vern used a twin-lens Mamiya camera.

EMERYVILLE RESEARCH ANNOUNCES STAFF MOVES. REORGANIZATION

The following staff changes in Shell Development Company are effective immediately:

G. C. Hood, Director, MTM Research and Development, Emeryville Research Center, Shell Development Company, has been appointed Manager, Planning and Administration, MTM Research and Development, Shell Oil, Head Office. He replaces H. W. Anderson whose appointment as assistant to the President, Shell Development Company, was announced recently.

G. J. Pierotti, Director, Industrial Chemicals Research and Development, Emeryville Research Center, replaces Hood.

A. W. Shaw, Director, General Science, has been named Director, Chemical Research and Development, Emeryville Research Center.

R. G. Hayter, Director, Polymers Research and Development, replaces Shaw.

Chemical Research and Development at Emeryville Research Center is reorganized as follows under Shaw:

H. S. Klein, Manager, Industrial Chemicals Research, has been appointed Manager, Chemical Research and Applications. This combines the former Industrial Chemicals Research, Industrial Chemical Applications, and Petrochemicals Departments.

(Continued on Page 4.)



Pipefitters work high on Dubbs No. 9 column during shutdown this week. More pictures on Page 2.

WEST MAINTENANCE MEN CARRY OUT ANOTHER DUBBS NO. 9 SHUTDOWN

This week, the Dubbs No. 9 unit, which is not yet ready to be called antique, is undergoing another of its numerous cleaning and maintenance shutdowns since it was started up in July 1937.

Craftsmen from the West Maintenance District started the shutdown Monday and will probably finish maintenance operations next Monday.

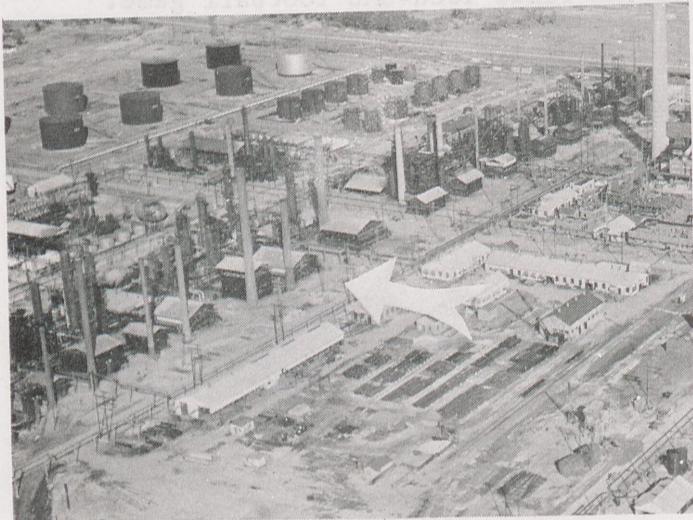
Dubbs No. 9, a thermal cracking unit in the Gas and Thermal Cracking Department, has had many shutdowns in its 34 years of operation because shutdowns were scheduled about every three months until 1955. "After 1955,

(Continued on Page 2.)

DUBBS 9 FIRST STARTED UP IN 1937 (Continued from Page 1.)



Boilermakers B. L. Shipp and F. Wetuski take head off vessel for inside inspection.



This is the way the Refinery looked from the air back in the '40's with all the Dubbs Units lined up along one street. Arrow points to Dubbs 9.

shutdowns were held twice a year until 1960 when we started spreading them out to every six to eight months," said J. H. Griffey, Engineering Supervisor. "It has been 18 months since the last shutdown and we hope to work up to having shutdowns every two years soon."

Virtually all crafts are involved in the shutdown as well as Inspection employees from Engineering Services. Lead Inspector, D. R. Julian, said the job got off to a good start because the unit was shutdown earlier than usual. "Then, we found some unexpected work and more corrosion than usual. We are also strip lining to protect rating of two columns, so the shutdown will last until Monday," he said.

"Much time was saved on the shutdown due to the dedication of the inspectors who inspected equipment as it became available," said J. R. McCombs, Inspection Engineer. "For example, D. E. Wiggins came out to the Refinery at 5 a.m. one morning to inspect a vessel so that Engineering Field could begin work at 7:30. And Ray Julian has put in many extra hours to insure that the shutdown went off smoothly," he said.



Turbining pipe are H. M. Highsmith and J. E. Banneyer.



Boat owners registering their craft this year will find some changes in the law. For one thing, all water craft powered by any sort of machinery must now be registered with the Texas Parks and Wildlife Department. Even if the machinery is not the principal source of propulsion, the boat must still be registered.

Changes in the Texas Water Safety Act went into effect Sept. 1, 1971, and applications for renewals and original certificates of number may be awarded beginning Jan. 1, 1972.

New registrations will be good for two years from date of issuance.

The department is also shifting to a staggered system of renewals. All renewal notices will be sent out at the same time, but different registrations will expire at different times, and the registration rates will be prorated accordingly.

The new Certificate of Number will be a plastic card which can be carried in the boat owner's wallet. Two decals in the shape of the state come with each Certificate of Number and are color coded with expiration dates marked on the face. They are to be placed on a line even with and three inches aft of the registration numbers on the boat.

An across-the-board increase of \$3 in registration fees for all boats also goes into effect Jan. 1, 1972.

New rates for registration are: Up to 16 feet, \$6, 16 to 26 feet, \$9; 26 to 40 feet, \$12, and over 40 feet, \$15.

L. J. Hallmark, Manager Personnel, has been reappointed Harris County School Chairman for the Texas Mid Continent Oil & Gas Association's Oil Information Committee.

Hallmark has served as School Chairman since 1966 and was presented the Committee's Outstanding Performance Award in 1968.

His fellow committee-men rated him "highly effective and cooperative."



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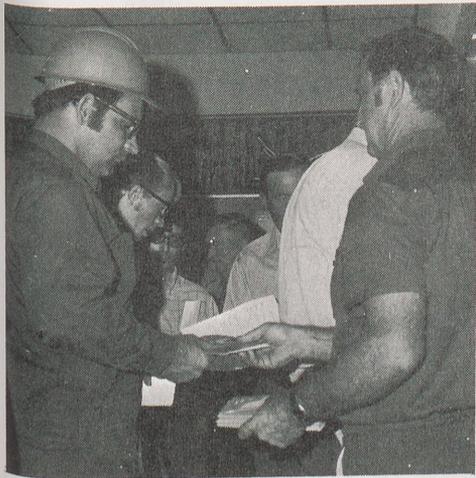
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**Campaign Nearing
UNITED FUND SOLICITORS BRIEFED ON CAMPAIGN PROCEDURES**



Solicitors were briefed on procedures they should follow during the United Fund campaign, September 20-22. C. S. Guidry picks up necessary material from J. J. Kindla, J. D.

Douglass was the Union representative at one meeting. Right, R. E. Robinson got his Crusader's Kit during one of three solicitors' meetings held last week.

WELCOME TO SHELL



Lee A. Sweeten, Jr.
Clerk
Engineering Field

**J. M. POISOT ASSUMES TECH JOB,
J. R. HANNAN TO BUSINESS SYSTEMS**

J. M. Poisot, Systems Analyst, Engineering Systems, Technical Computing Center, transferred to the Technological Department here, effective September 1.

The move was announced by J. G. Pratt, Refinery Manager.

Jacques Poisot joined Shell in 1968 in the old Technical Systems Division of Information Services Department after receiving his Diploma of Engineering in electrical engineering from Grenoble University and his M.S. in chemical engineering from Syracuse University.

J. R. Hannan, Jr., Special Assignment, Treasury, transferred to Information and Computer Services, MTM Business Systems, Manufacturing. The move, which was effective September 16, was announced by J. G. Pratt, Refinery Manager.

John Hannan joined Shell in 1957 as a Clerk in the Houston Area office. He transferred to the Houston Data Service Center in September 1964 as a Senior Accountant, and then to the Houston Refinery in July 1967 in the same capacity. He was made a Supervisor in the Treasury Department in June 1970 and was placed on his present assignment in May 1971.



Poisot



Hannan

**Shell Scientists at Work
EXPERIMENTAL FUEL CELL CAR
DEVELOPED AT THORNTON RESEARCH**

Shell scientists at Thornton Research Centre near Chester, England, have developed a unique experimental fuel cell powered automobile.

The car, an extensively modified conventional model, uses a special fuel--hydrazine--which is suitable only for experimental use. The Shell scientists said that if the fuel-cell car is to become a reality, a fuel cell using a cheap fuel will have to be developed and that many years of research will be needed.

Fuel cells convert fuels into electricity and the most highly developed types use hydrogen and oxygen as reactants. Cells of this kind have been used for providing power for spacecraft, but they are expensive and too inconvenient for use in automobiles.

The scientists at Thornton designed and built a hybrid system to power the experimental car. Six 40-cell hydrazine-air batteries and auxiliaries located in the trunk were used in conjunction with six regular 12-volt lead-acid batteries located under the hood. Also under the hood were an electric motor and associated equipment, which replaced the original gasoline engine.

The fuel-cell/electric motor arrangement developed enough power for a continuous cruising speed of about 30 miles per hour. The bank of lead-acid batteries raised the peak power, allowing for acceleration or high-speed bursts.

Unlike electric cars, which have short range and require long recharging times, the experimental fuel-cell-powered automobile can be refueled as quickly and as simply as a conventional model.

Hydrazine is toxic--and expensive. The Shell researchers said the only other liquid fuel suitable for use in present day low-temperature fuel cells is methanol, which was not chosen since methanol cells are not yet well enough developed for this purpose.

CLASSIFIEDS

FOR SALE

Child's 4'x4' sandbox on wheels and 2'x6' epoxy lined darkroom sink. Free for the taking.

Telephone: 1-591-2750

Quarter mare with 7-month quarter colt, saddle, bridle, \$400.

Telephone: 472-0343

1965 Chevy-Impala, radio, heater, air conditioner, 4 door hard top, \$450.

Telephone: 479-7394

Two 3/4 ton Ford truck wheels (split rim). Tubes, liners and 7.50x16--8 ply tires. \$50.

Telephone: GR 2-3018

Beagle, male, 9 months old, black back, beautifully marked, AKC papers available, priced to sell.

Telephone: 479-3707

'69 Plymouth Roadrunner, automatic transmission, radio & heater. \$1595.

Telephone: 477-7682

'64 Dodge Dart convertible, new top & tires, automatic trans. \$300.

Telephone: 477-7682

1971 Suzuki TS 125 R "Duster" motorcycle. Hardly used. 11,000 mile warranty, equipped with safety accessories, \$460.

Telephone: 644-9529

Cape Royale. Prime waterview lot. Section fully developed and ready for construction. \$12,500.

Telephone: 488-1831

Three strand rattan sectional couch, chair, corner or coffee table, has all white floral vinyl cushions, \$100. Dinette & 4 chairs. 3 months old. \$50.

Telephone: 645-1462

94 in. Brandt couch, good condition, see to appreciate, \$50.

Telephone: 455-1596 Mon. thru Fri.

10'x46' two bedroom mobile home with 10'x14' added room. Good condition. \$2,800.

Telephone: 944-1055 after 6 p.m.

1965 Dodge 1/2 ton styleline pickup.

Telephone: 645-2829 or 944-3040

WANTED

VW in good running condition, preferably with sun roof.

Telephone: 591-3793-Nassau Bay

Used refrigerator or upright freezer.

Telephone: 472-0800

FOUND

Pair of men's glasses found in parking lot. Gray frames. Claim at Shellegraph office.

FREE

Outside door & case with window on top half. 54"x48" window & case. Venetian blind for both.

Telephone: GR 3-4616

PROVIDENT FUND NEWS

The following are the Provident Fund valuations:

Equities Fund

August 5, 1971 - \$2.262

August 20, 1971 - \$2.381

Shell Stock Fund

August 1971 - \$44.907

**EMERYVILLE ANNOUNCES--
(Continued from Page 1.)**

E. R. Freitas, Manager, Industrial Chemicals Development, has been named Manager, Chemical Development, which formerly was Industrial Chemicals Development.

J. E. Mahler, Manager Petrochemicals, has been appointed Manager Polymers, which assumes all functions of the former Polymers Research and Development Department.

R. C. Nelson, Manager, Industrial Chemicals Applications, and L. R. Roberts, Manager Polymers Research, will undertake special assignments.



E. B. Young received gifts from fellow Distilling employees upon his retirement last week. Mike Tiller took part in presentations at gathering.



T. J. Fitzpatrick presented a Snoopy banner to W. S. Hill at farewell party hosted by Computer Control Applications employees.