

SHELLEGRAPH

HOUSTON
REFINERY

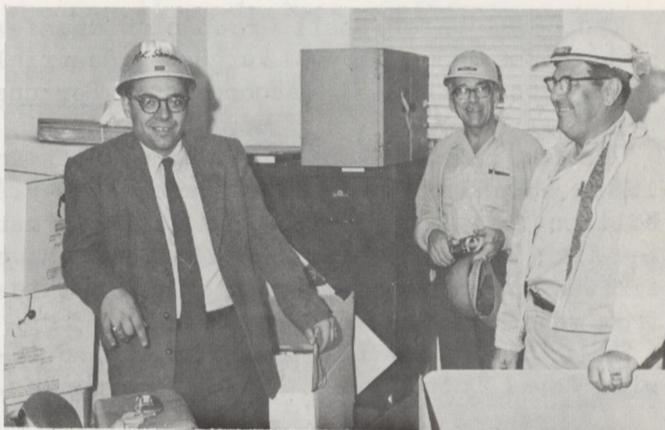


No. 363

Friday, November 21, 1969

THE END OF AN ERA: OLD CONTROL LAB MAKES WAY FOR NEW TWO STORY BUILDING FOR 4 DEPARTMENTS

Members of the Utilities, Gas and Thermal Cracking and Distilling Departments said goodbye to the last of the original Refinery buildings.



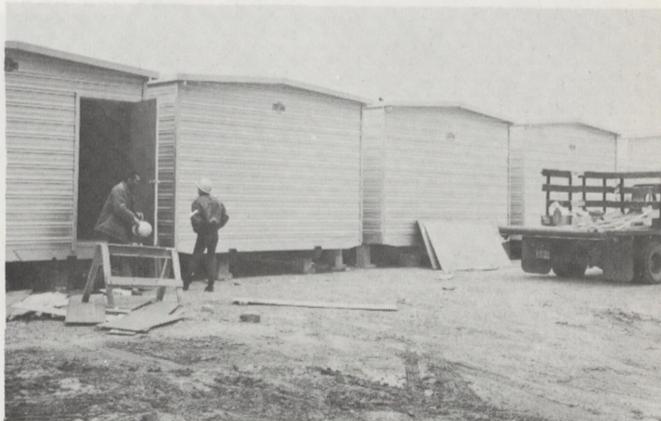
AMID PACKING BOXES AND CONFUSION OF moving were P.K. Samsury, H. R. Neal and W. E. Ursprung, who moved from the Old Control Lab building into temporary quarters last week.

The Old Control Lab, which was built in the latter part of 1929 shortly after the Refinery went on stream, will be leveled to make room for a new two story structure.

The new facility will house the boiler controls, the three departments which were occupants of the old building, and the Dispatching Department.

At present, the employees who vacated the Old Control Lab last week are housed in temporary buildings on the block just north of the Lab. The new building will be completed next fall or winter.

The old building housed the Refinery Laboratory until 1948 when a new lab was built. Since that time it has served as an office building.



NEW QUARTERS--Workmen put finishing touches on temporary buildings that will be used by Distilling, Gas and Thermal Cracking and Utilities Departments.

More pictures on page 2.



ON TOUR of the expanding Houston Refinery last week were Vice President of Manufacturing, H. E. Walker, Houston Refinery Manager, L. T. Wilson, and President-Elect, D. B. Kemball-Cook.

DIGITAL CATALYTIC REFORMING COURSE VIDEOTAPED FOR SHELL-WIDE DISTRIBUTION BY RESEARCH LAB

The Research Laboratory Conference Room was transformed into a television studio last week for the production of Digital Catalytic Reforming, a videotape which will be distributed to Shell Refineries throughout the United States.

The tape will be used to train engineers in reforming. The course has been given at the Refinery before, and it was decided to make a videotape because engineers are often assigned to other areas after they take the Reforming course. In this way, a videotape will keep the instructors from having to present the course over and over.

With Gordon Shafer acting as cameraman, the three instructors, R. J. Young, W. L. Callender and W. K. Meerbott put together the segments that make up the course and the production was finished in about a week.

The course was taped without an audience or class to allow for retakes and editing on the spot. Of course, much advance planning and preparation of lectures and visuals was necessary to provide for a smooth shooting schedule.

Next step after taping will be final editing and duplicating.

(Continued on Page 2.)



NO INTERRUPTIONS FOR COMMERCIALS--Gordon Shafer, Photographer, was cameraman for taping of course in which W. K. Meerbott was one of the lecturers.



LAST OF THE ORIGINAL REFINERY BUILDINGS--
The old Control Lab, built in 1929 shortly
after the Refinery went on stream, is mak-
ing way for a new two story structure.

FORTUNE MAGAZINE RANKS ROYAL DUTCH/SHELL GROUP
FIRST AMONG TOP 200 OUTSIDE OF UNITED STATES

The Royal Dutch/Shell Group of Companies ranks first among the 200 largest industrial firms outside the U.S., according to Fortune magazine.

Current rankings are based upon sales in 1968, when Group companies generated \$9.2 billion in sales and \$934.7 million in net profit. Companies on the list must have derived more than 50 percent of their sales from manufacturing and/ or mining.

Shell Oil Company is a member of the world-wide Royal Dutch/Shell Group of companies.

DIGITAL CATALYTIC REFORMING VIDEOTAPE--

(Continued from Page 1.)

The two duplicate tapes and the master will be kept at the Research Laboratory and loaned to the different Refineries upon request. Wood River and Martinez Refineries have already asked that the tapes be sent to them as soon as possible.

The tapes can be used as a whole to provide the whole course, or individually for review of different segments.

Bob Young lectured on Model Description and Usage and Wade Callender handled the section on The Influence of Reaction Kinetics on the Choice of Reforming Conditions.

Bill Meerbott offered two segments: Regeneration of Reforming Catalysts and The Role of Reaction Modifiers in Catalytic Reforming.



PLAYBACK--John Schwartz, Universal Magnetics employee, Bob Young and Bill Meerbott watch Wade Callender on monitor as tape is played back.



NAME TAGS--W. E. Ursprung puts name tags on doors of new temporary buildings just before the three department's moved into their new offices.

SHELL GIVES CAMERA LENSES TO YATES HIGH SCHOOL



PRESENTATION--Gordon W. Shafer, Photographer, center, presents three lenses from the Research Lab to Johnny D. Gentry, left, and J. R. Alexander, Principal, Yates High School.

G. W. Shafer, Photographer, Research, recently presented three lenses on behalf of Shell to the photography students at Jack Yates Senior High School.

The lenses will be used for teaching the students basic photography principles and techniques.

Shafer presented the Turner-Reich, Kodak wide-field Ektar, and Schneider Angulon lenses to Johnny D. Gentry, Jr., the photography instructor at the school.

The students were eager to ask Shafer questions about photography careers and were especially interested in movie making.

DEADLINE FOR WANT ADS

Ads should be submitted to Shellegraph office by Wednesday noon.

LOST AND FOUND

If you lose something, notify the Shellegraph office. If you find something, turn it into the Shellegraph office.

CHEMISTRY INSTRUCTORS DISCUSS INDUSTRY DEMANDS DURING RECENT OPERATION INTERFACE IN HOUSTON

College preparation in contrast to industry needs attracted 32 chemistry professors from the southwest to Houston and to visit 13 companies as part of Operation Interface. The program was made up of tours and discussions over a five-day period.

The Research Laboratory at the Houston Refinery played host to nine of the participants who were interested in learning what industry wants in the way of training bachelor and graduate chemists.

Through the tour, the professors were able to discuss problems of finding jobs for graduates, advising students, updating course material and differences in attitudes.

Operation Interface was designed so that instructors and industry could exchange ideas on the needs and preferences of industry with regard to training and temperament. The academic participants felt that the exchange would help them in evaluating whether a particular student should be encouraged to seek a career in industrial chemistry.

Many academic participants said that the industry visits had provided them with an opportunity to learn about some of the problems unique to large scale chemical processes.

A special tour of the Manned Spacecraft Center completed the program.

Donald J. Kouri, Assistant Professor of Chemistry at the University of Houston, who coordinated the program has recommended that another such program be staged again soon so that both industry and the academic communities could benefit from the exchange of ideas. R. A. Bannerot, W. K. Meerbott and W. A. Bailey were the Refinery hosts.

SAME OLD BARREL YIELDS MORE GASOLINE

Petroleum refiners are drawing more gasoline than ever before from the same old barrel of crude. This they do by refining their techniques as they refine their crude.

The average gasoline yield of a 42-gallon drum of crude oil has jumped from 11 gallons in 1920 to 18.8 gallons today. And the gasoline output of some refineries goes as high as 90 percent of the barrel.

U. S. gasoline consumption is approaching 4 billion gallons a year. If refinery techniques of 1920 were in use today, approximately seven billion barrels of crude oil--almost double the amount actually processed--would have to be refined to meet gasoline requirements.

SHELLEGRAPH

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Mrs. J. B. Ochoa--Editor

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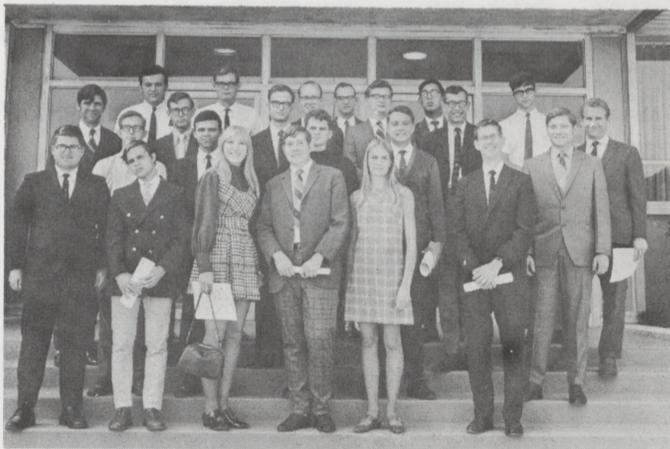


EXCHANGING IDEAS--John Tench, who retired as Manager of Houston Refinery in 1962, chats with his successor, L. T. Wilson. Tench, who now lives in Napa, California, was in Houston before going deer hunting. Since his retirement, he has taken a world tour and has worked with the British-American Chamber of Commerce in San Francisco.

AVOID ELECTRICAL HAZARDS, FOLLOW CHECKLIST

For safety in the home, follow this checklist to avoid hazards:

- o Has the house electrical wiring been checked for defects within the last five years?
- o Does the television lead-in wire have a grounded lightning arrestor?
- o Are electrical washers and dryers grounded through either the three-prong outlet or to a cold water line?
- o Are fuses and circuit breakers labelled to identify outlets and fixtures they protect?
- o Are fuses of the right size on hand?
- o Are extension cords, Christmas light sets, and other seasonal illuminated decorations in good condition?
- o Do you have sufficient wall outlets and enough electrical circuits to take care of all your electrical needs?
- o Do you use only the proper size fuses? (15 amp fuses for lighting circuits)
- o Are frayed electrical cords or broken plugs replaced immediately?
- o Are you careful not to run extension cords under rugs or hook cords on nails?



TEXAS A&M CHEMISTS--Chemistry Club members recently toured the Houston Refinery as guests of Research and the Refinery.

REFINERY LABORATORY HOLDS FIRST OF TWO SAFETY DINNERS FOR EMPLOYEES AT FLAMING PIT



ENJOYING PARTY--Honorees at the first Refinery Lab party were Ted and Barbara Ivy and Jackie and Charlie Finch.



GETTING TOGETHER AGAIN--Renewing acquaintances were L. B. Burch, Melvin and Wanda Muecke and Thersa Burch.



CONGENIAL GROUP--Irene Martin, Bill Darby, Bob and Ann Ferguson liked the dinner and dancing.



IN SERVING LINE--William and Gerline Tatman and D. O. and Ruth Henry had a good time at the annual affair.



COUPLES--George Marshall, Ted Nowak, Mary Ann Nowak and Helen Marshall met employees and wives again.



PICTURED AT DINNER were Lewis Pearsey, Joann and Gene Johnston and Helen Muyres.

CLASSIFIEDS

FOR SALE

Surfboard, ocean blue, 6'10" cutdown, great work, thin rail, new \$15 inset skeg--would make a very nice Christmas present - \$40. Telephone: GR 2-2564

'69 Chevrolet pickup, small v-8, take up payments. Telephone: 944-7512

4 beagle puppies, AKC registered, \$35 for males, \$30 for females, 8 weeks old. Telephone: GR 9-3534

Front loading dishwasher. Two years old. \$50. Telephone: 479-4936

1967 Whirlpool gas range, coppertone. Has a large oven, clock and timer, burner with a brain, and large storage compartment, \$100. Telephone: 427-1050 after 5 p.m.

'59 Volkswagen camper, 46,782 miles, with folding double bed, gas stove, sink with pump and faucet connection, cabinet storage, built-in commode, two fans and heater, carpet, 25 miles per gallon, wired for electric connection, \$825. Telephone: 944-1654

Complete set of Compton's pictured encyclopedias, including yearbooks. If interested... Telephone: 946-8402

GE electric ironer, \$15. Female chihuahua, house trained, one year old, \$25. Telephone: 424-7698

'61 Chevrolet, 4-door-sedan, 6 cylinder, \$195. Telephone: GR 9-3829

FOR RENT

Two bedroom unfurnished house in Bay Oaks addition, LaPorte, 1 1/2 blocks from elementary school, with pier privileges, vacant lot next door goes with house, provides plenty of room. Telephone: GR 3-0116

LOST

Book of Traveler's checks probably lost in cafeteria or Research area. If found notify Research Receptionist at Ext. 700.