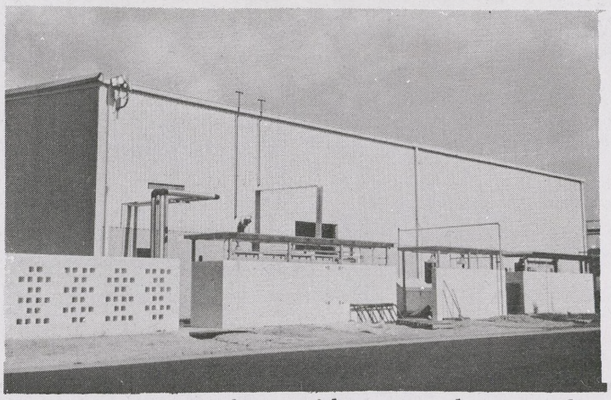
SAFETY RECORD REACHES 162 DAYS AS OF JULY 31

Shellegraph
Houston Refinery

No. 31 Friday, July 31, 1970

RESEARCH EPC BUILDING IS CENTRALIZED PILOT PLANT HEADQUARTERS



EPC building with outside covered areas for feed and products is directly across the street from the Main Shops.

Modernization of facilities at the Houston Refinery has reached another step with the connection and startup of plants in the Research Experimental Plants Center. To stay ahead in the highly competitive oil industry, Houston Research is constantly building new pilot plants at the Refinery so that Shell can develop new products and processes. The EPC building, located on Center Street across from the Main Shops Building, is now a centralized headquarters for pilot plants which were moved from different locations in the research area.

The first phase of the EPC building was begun in 1966 and completed a year later. The second phase of construction began in January of this year. In the latest phase of construction, one half of the pilot plants in Annex A were moved and put into operation early this summer. The second phase of the move started this month and will be completed in September. The modern building contains an air conditioned control room in the center surrounded by bays which contain the pilot plants. Eleven upstairs offices have been added to the four built during the first phase.

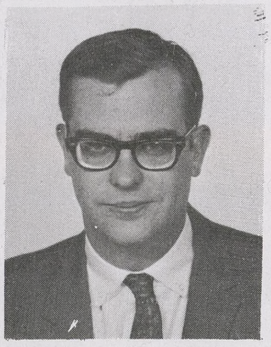
Annex A to be Vacated

Eventually, the center will include all of the pilot plants, the Research Shops and a stockroom. The small, crowded Annex A building will be vacated when it is completely stripped of equipment and will eventually be removed.

Each pilot plant, a minature of a com-

(Continued on Page 2.)

Miller and Roark
2 MEN NAMED IN STAFF TRANSFERS



Miller

Roark

L. T. Wilson, Refinery Manager, has announced that two employees will be transferred to new assignments in August.

S. L. Miller, presently on Special Assignment in Head Office, Technological, is being transferred to Manufacturing Operations Department, General Offices - Houston, effective August 16.

R. B. Roark, Senior Purchasing Representative in the Expansion-Construction organization, will be transferred to Shell Chemical's Houston Plant effective August 1.

Steve Miller first worked for Shell during the summer of 1966 in the Technological Department at the Houston Refinery and returned as a permanent employee in September 1967, as an Engineer in the same department. In October 1968, he was transferred to the Catalytic Cracking Department and in November 1969, he began his current assignment in Head Office.

Roy Roark, a 1948 graduate of the University of Oklahoma with a B.S. degree in business administration, was employed at the

(Continued on Page 4.)

CHEMICAL PLANT BUILDING NEW ANHYDROUS ETHANOL FACILITY

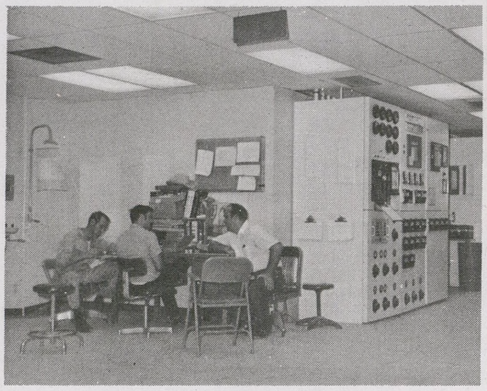
Shell Chemical Company will manufacture anhydrous ethanol in a new facility now under construction at the Houston Plant.

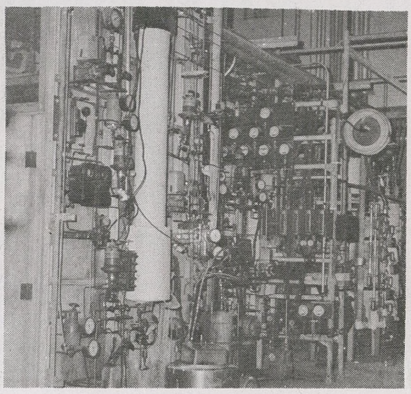
Construction of the new unit began in April and is scheduled to be completed near the end of the year. It will be located immediately to the south of the ethyl alcohol unit from which it will get its feed.

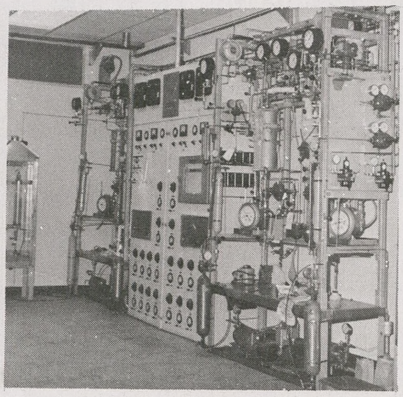
Anhydrous ethanol (AE) has a multitude of industrial uses from paints to perfumes. It is particularly important in the aerosol business as a carrier of solvents in such products as hairspray and deodorant. Because of AE's wide use in aerosols, it is important that the finished product has a good odor. The raw material from the Plant's EA unit is considered the best available to make the product.

18 PILOT PLANTS NOW HOUSED IN EPC BUILDING AFTER MOVING OPERATIONS--

(Continued from Page 1.)







Pilot Plant operators discuss operations in large air conditioned control room of the new EPC building. Pilot plants are housed in bays surrounding the control room. Some of the units which workmen have reconnected are in center. Right, the micro reactors' instruments gleam in new quarters.

mercial unit but not necessarily a scaled replica, is used for collection of data on design of commercial units, operating conditions, and production, as well as for troubleshooting. Plants housed in EPC include Hydrocracking, Cat. Reforming, Hydrogenation and miscellaneous other research units.

Practically every type of craft was involved in the moving of the complicated plants to the new center. Craftsmen are now busy reconnecting the units.

New Operations Section Formed

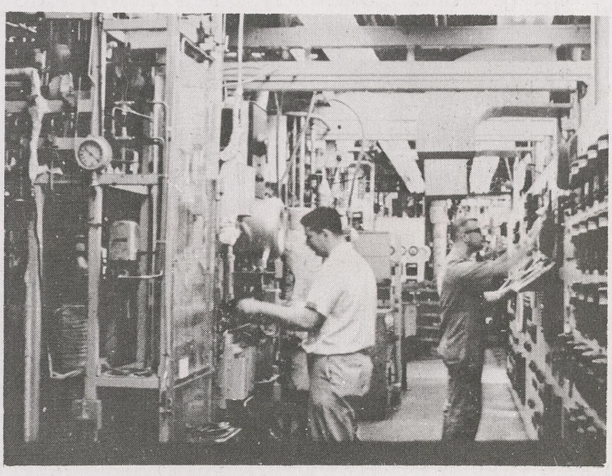
In conjunction with the relocation of plants to the EPC, a new operations section has been established which is responsible for the pilot plant operations in the EPC complex as well as supervision of Research Laboratory night and weekend shifts.

J. W. Ferry, Research Assistant, will head the operations section which will include present Pilot Plant Foreman, F. C. Demny, J. T. Foulds, R. A. Wilpitz and D. B. Fortenberry. R. M. Addison and W. L. Hartley are new Pilot Plant Foremen who have been added to the group.

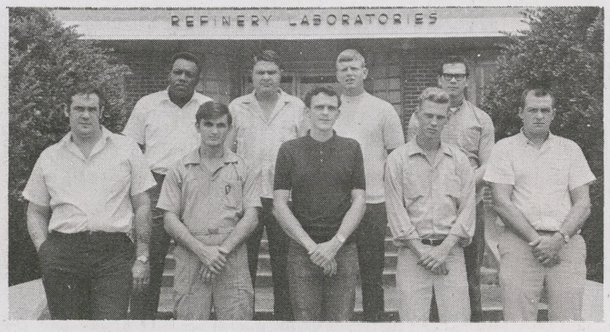
In addition to overseeing work being carried out in the EPC complex, the foremen will be responsible for safety, security, operations, and emergency procedures in the entire Research area during shift operation.

In this capacity, they will provide supervision and be responsible for all supporting staff members during shift hours including those assigned outside of EPC.

E. B. Buchanan, Instrument Technician, reporting to Ferry, will be responsible for the proper functioning of the instrumentation in EPC, assisting in the training of pilot plant operators in the use of instruments and evaluating new instruments for use in the complex.



In the old Annex A all of the equipment was housed in a large room including pilot plants and controls.



A group of new hourly employees is completing training before going on permanent jobs. First row are J. J. Rhode, Jr., H. M. Highsmith, W. T. Brown, F. O. Ewart, and T. G. Matthews. Back row are J. L. Fowls, K. A. Sims, S. P. Rife and J. W. Terry.

A silver toasting cup was presented from the Employee Relations Department to bride Charlene Cotton before her recent marriage. Wishing her well were Marilyn Edwards, Sandra Catoe, Ann Psarakis and Larry Lemmon.

FIRST HALF CONSOLIDATED INCOME DOWN FROM SAME PERIOD IN 1969

Shell Oil Company consolidated net income in the first half of 1970 was $114,159,000, or $1.69 a share, as compared with $147,382,-000, or $2.19 a share, for the corresponding period last year, a decrease of 23 percent, Denis B. Kemball-Cook, President, reported last week.

The main factors that adversely affected first quarter earnings--depressed prices and higher taxes--have persisted through the second quarter, Kemball-Cook explained, and net income for the quarter was $59,126,-000, or 22 percent below the corresponding 1969 quarter. Per share earnings for the 1970 and 1969 second quarters were 88 cents and $1.12, respectively, he said.

Refined product revenues for the first half of 1970 increased only 1 percent on a volume increase of 3 percent, reflecting the unsatisfactory gasoline prices that prevailed during the period as compared with the same period last year. Slackening demand and competitive pressures on the prices of several major chemical products occasioned by the slowdown in the economy caused a 3-percent decline in chemical sales revenue.

Under the provisions of the Tax Reform Act of 1969, the Company on balance must bear a heavier tax burden, and it is estimated that the depletion rate and preferential tax changes made by the Act, after the partial offset resulting from reduction of the tax surcharge, accounted for approximately $9 million, or 27 percent, of the net decrease from last year's first half earnings.

Abnormal Costs

Earnings were also adversely affected by abnormal costs and expenses associated with start-up delays at the Houston olefins plant, now nearing completion, and by the costs of relocating certain operations organizations from New York to Houston and by staff reduction severance payments.

Net production of crude oil and natural gas liquids in the first six months of 1970 averaged 569,000 barrels daily, a rise of 5 percent.

Revenues Up

Six-month total revenues increased to $2,118,655,000 from the corresponding 1969 figure of $2,066,702,000. The 1970 figure included $346,087,000 consumer taxes collected by the Company, as compared with $332,872,000 for 1969.

Funds provided from operations in the first six months of the current year totaled $304,635,000, a decline of 13 percent.

Capital expenditures in the first half of 1970 totaled $283,744,000 compared with $292,620,000 in the same 1969 period.

SHELLEGRAPH

Published by Shell Oil Company for its Houston Refinery and Houston Research employees at Deer Park, Texas.

Mrs. Josie Ochoa--Editor

WELCOME TO SHELL

Peg Martin
Stenographer
Treasury

Mrs. Gay N. Williams
Stenographer
Treasury

OIL DROPS

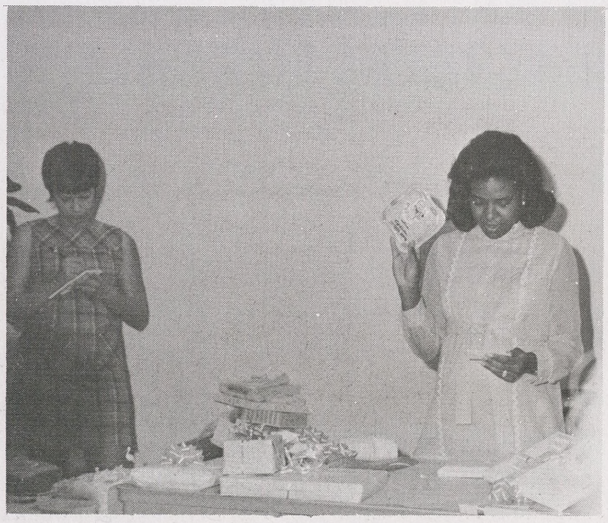
Poole Attends Firefighting School

J. C. Poole, Special Tester, Refinery Laboratory, recently returned from a five day Municipal Firefighting School at Texas A&M University.

A member of the Deer Park Volunteer Fire Department for 16 years, John attended the school for the eighth year along with six other volunteers from Deer Park. The students did classroom work and reviewed techniques for fighting aircraft, tank car, LPG, house and other fires. They also reviewed rescue practices.

Fire Marshal for the past 10 years, John says he is called out for all types of fires and emergencies about 15 to 20 times each month. He had to go out to a fire Tuesday morning at 1 a.m. and didn't return home until around 4:30 a.m.

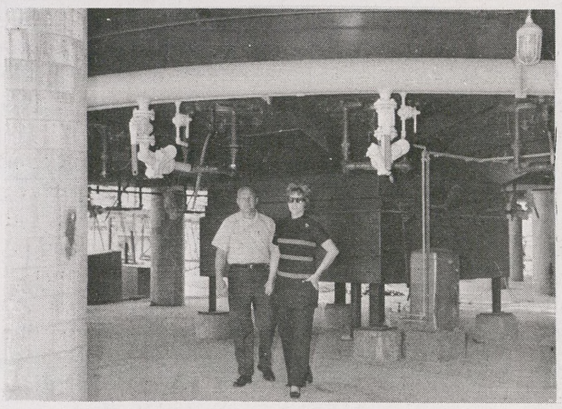
How does his wife feel about all these calls? "Oh, she loves it," he says. "In fact she is a member of the Women's Auxiliary and a member of their pumper team which recently won the state championship," he said. The team has won several prizes in other contests, but never the state title.



Edie Andress opens one of many baby gifts she received at recent shower given by employees as Martha Browning, left, one of the hostesses, records the item.

DU2 HOLDS OPEN HOUSE FOR DEPARTMENTAL EMPLOYEES AND FAMILIES

Hostesses for the DU2 Open House held last Sunday included Mrs. R. B. Howell, Mrs. W. A. Phillips and Mrs. D. E. Womack. Right



Mr. and Mrs. D. E. Wiggins walk under a furnace as he explains the operation of the unit while on the tour.

CLASSIFIEDS

FOR SALE

1964 Rambler American Classic model 770, 2 door sedan, radio, cold air, $200 cash.
Telephone: 946-1867

1961 Chevy Belair two door sedan. Air conditioned, automatic transmission, mechanically sound. Good work car.
Telephone: 472-0800 or 472-5033 evenings.

Lovely 6-piece french provincial living room set. One year old, excellent condition, $700 new, will sell for $350.
Telephone: 591-2938

'67 GTO, 4 on the floor, everything but air. 9½ ft. Hensen surfboard. 16" saddle.
Telephone: GR 2-5942

1964 Chevrolet Biscayne, 4 door hardtop, radio, heater, carpet, 6 cyl., tires fair, roar in rear end, runs good, not rusted out. Price $225.
Telephone: 479-6560 after 5 p.m. please

Good disposal, $5.
Telephone: 946-1867

1966 Chevrolet El Camino, one owner immaculate condition, power steering factory air, automatic, 4 new tires, Aztec bronze with fawn interior, $1500.
Telephone: 643-4664 after 5 or 946-8298 anytime.

16 ft. fiberglass boat with 4 hp. Evinrude motor, galvanized trailer.
Telephone: GR 3-6581

1959 Plymouth station wagon, air conditioned, runs good. $100.
Telephone: 944-9487

Everest Jennings Hollywood model deluxe lightweight, used 6 months. Original price $225, want $150.
Telephone: GR 3-2573

Used hardwood floor, hardwood stairs with railing, metal desk, 5 ft. fan, doors, wooden porch railing, 2 wooden columns.
Telephone: 472-8445

LOST

Gold pencil with initials H.L.R. on it.
Telephone: 479

LIKE TO SWAP

Want to swap good straight shooting pellet gun for pump air rifle.
Telephone: GR 3-1137

Visitors from a Royal Dutch/Shell Group Company's Geelong Refinery in Australia learned about our safety program last week. In the picture are Harold Tighe, Tech, B. Majer, D. G. Greenfield, B. P. Bishop, S. Csmor and John Floyd, Safety.

(Continued from Page 1.)

Tulsa Area as a Purchasing Stores Trainee. He held a variety of assignments of increasing responsibility in both the Tulsa and Denver Areas before his transfer to Head Office, Manufacturing, Purchasing Stores in St. Louis as a Buyer in 1957. He was transferred to the Wood River Refinery as a Buyer in 1958 and in 1964 he was assigned to the Odessa-Ciniza Refineries as a Purchasing Stores Representative. He assumed his present position at the Houston Refinery in September 1967.