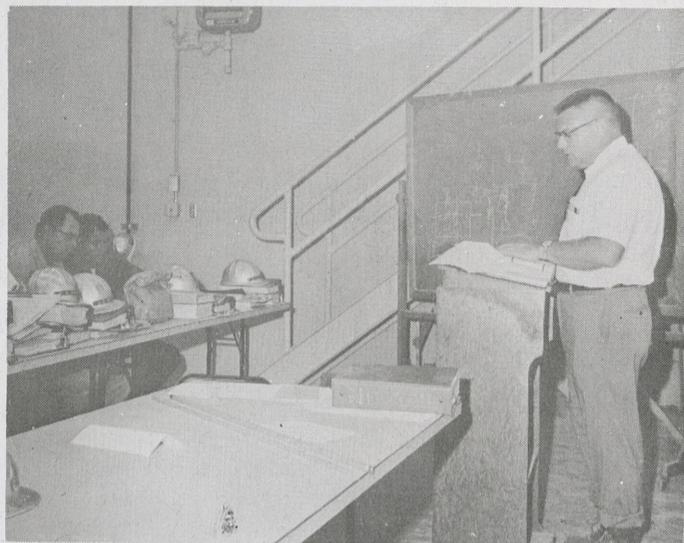


# Shellegraph

Houston Refinery

No. 41

Friday, October 16, 1970



Ron Hartman lectures to class on the operation of CR-3 and Sats Gas. Seated on front row are Earl Steck and Robert Hairgrove--more pictures on Page 2.

## COX NAMED MANAGER DISTILLING, BAGLEY ASSUMES HIS X-PAN DUTIES

J. R. Cox, presently Manager Construction Offsite in the Expansion-Construction organization, has been named Manager Distilling, effective October 16, as announced by J. G. Pratt, Refinery Manager.

J. K. Bagley, Manager Construction Onsite, will assume responsibility for Construction Offsite in addition to his present duties.

Jack, who holds a B.S. degree from the University of Texas and an M.S. degree from the University of Houston in chemical engineering, joined Shell at the Houston Refinery in September 1957, as an Engineer in Engineering Services.

Following a three year military leave, he held assignments in Engineering Construction and Engineering Services before being promoted to Senior Engineer in Engineering Services in January 1967. After transferring to the Expansion-Construction organization in July 1967, he worked in New York and Pittsburgh on special assignments until June 1969, when he returned to the Expansion-Construction organization here. He was promoted to his present position in January 1970.



Cox

## HYDROPROCESSING OPERATORS TRAIN AS CR-3, SATS GAS NEAR COMPLETION

Step by step, phases of the Houston Refinery's 3-year expansion project are being completed and prepared for startup. The latest phases now being completed are the Catalytic Reformer #3 (CR-3) and the Saturates Gas Plant (SGP) which will go on stream later this year. Both of these units are in the new Hydroprocessing Department.

In preparation for startup and operation of these units and the related offsite facilities, 21 No. 1 Operators, four No. 2 Operators, a Senior Engineer and four Process Engineers have been attending a six-week training course.

### Employee-Teachers Handle Course

Generally, the classroom instruction on the processes, instrumentation, and control is done from 12-4 p.m. five days a week by department personnel: R. L. Hartman, Assistant Department Manager, CR-3/SGP, C. G. Scott, Operations Supervisor and J. S. Houston, Process Engineer. The men then receive further instruction on the units from the Operations Foremen, C. B. Brown, M. F. Fletcher, R. McGee and J. D. Matteson, while touring the complex from 4-8 p.m. Specialists in various pieces of equipment in the plants, J. P. Balfourt, J. D. Davis and M. B. Milburn, have also led class discussions.

Specifically, class members must familiarize themselves with the processes, operating procedures and new pieces of equipment. For example, they must know how to operate the 13,000 hp. motor-driven recycle compressor at CR-3. They must also learn about new instrumentation. With this knowledge and an understanding of the processes, the operators will startup and continue the efficient day to day operation of the units.

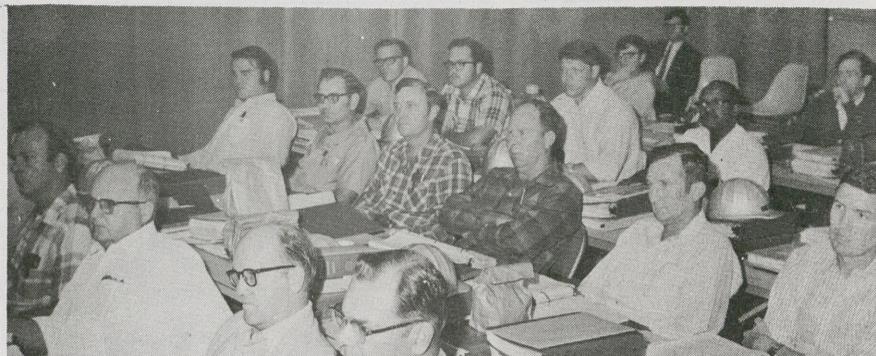
### Function of Units

Catalytic Reformer #3 is designed to permit an increase in production of aromatic solvents and indirectly to increase production of high octane blending components for motor gasoline. The unit will be the primary supplier of feed stock for the aromatic solvents manufactured at the aromatics concentration unit and paraxylene plant. CR-3 will permit the switching of Platformer No. 1 from aromatics to motor gasoline operation.

The Saturates Gas Plant is designed to stabilize the very light gasoline fractions produced at the new hydrocracker and catalytic reformer as well as to recover pro-

(Continued on Page 2.)

**HYDROPROCESSING OPERATORS TRAIN IN 6-WEEK COURSE**



The class members listen to a discussion on equipment. Seated in background was the Manager of the new department, Bill Boykin.



Discussing problem over coffee are members of the training class J. D. Payton, Rich St. Pierre, George Frondorf and Ted Sands.



Buck Brown, Operations Foreman, Scotty Scott, instructor, and Pete Fletcher, Operations Foreman, look over the class manual.

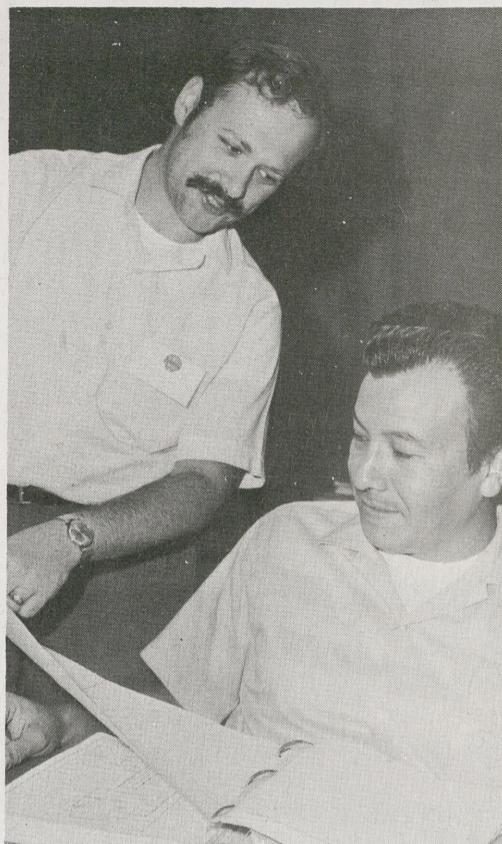
(Continued from Page 1.)

pane and butane from crude distillation and platformate stabilization. Products include dry gas, LPG grade propane, isobutane, normal butane and light hydrocrackate.

**Technology Updated**

New designs have been incorporated into the units. This is the first time that light hydrocarbon liquid and vapor will be used as heat medium to supply heat for the required distillations. The SGP will handle fresh and spent caustic for the entire hydrocracker complex. The DEA stripper will allow for additional sulfur production at Shell Chemical.

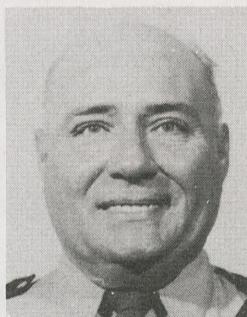
Other phases of the expansion, the hydrogen plant and hydrocracker still under construction, are expected to be completed and on stream in the first half of 1971. An additional training course for operators for these units will be held later this year.



Roy Levitch, Senior Engineer, and Frank Saucillo, a new Operator in the department go over one of the many charts in the course manual which they must study.

**SGT. V.L. PHILLIPS, K.I. STONEQUIST SUCCUMB WITHIN RECENT WEEKS**

Vester Leo Phillips, Sargeant, Employee Relations (Plant Protection), died October 12 following a short illness.



He is survived by his widow, Mrs. Pauline P. Phillips, sons, Michael and Jimmy, and daughter, Judy.

Leo had served in the Navy from 1942 to 1945, reaching the rank of Chief Storekeeper. He joined Shell in 1951 as a General Helper. He transferred to Plant Protection later that year.

Phillips Services were held Wednesday at Forest Park, Lawndale.

Knute I. Stonequist, 70, pensioner, died October 1 after an extended illness.

He had retired as a Rigger #1, Engineering Field, in 1960 with 23 years of service. He was initially employed in 1935 as a Rigger #2 and worked continuously in Engineering Field.



Born in Orebro, Sweden, he came to the United States in 1933 and obtained his citizenship in 1936.

He is survived by a brother who lives in Sweden. His wife died in May.

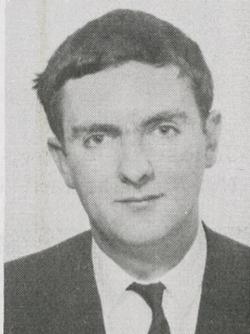
Stonequist

**YOUNG TRANSFERS TO SHELL CANADA AS A SENIOR PROCESS ENGINEER**

R. J. Young, Research Engineer, Houston Research Laboratory, will be transferred to the Toronto Office of Shell Canada, Ltd. on November 1 as a Senior Process Engineer in Technical Department of their Head Office Manufacturing.

The announcement was made by J. G. Pratt, Refinery Manager.

Bob is a native Canadian and worked for Shell Canada for three summers before taking his graduate work.



He obtained a B.A. in science in chemical engineering at the University of Toronto in May 1963, and a Ph.D. in chemical engineering at Imperial College, University of London in January 1968. He joined the Houston Research Laboratory in March 1968. During his stay here, he worked in the Hydro-processes and Engineering Research Departments.

**Chamber Music Membership Drive On**

The Pasadena Chamber Music Society is now conducting its eight season membership drive. Five concerts are to be given this season at Slocomb Auditorium, San Jacinto College.

Membership prices are: students, \$3; active membership, \$8; patron membership, \$15 per couple; sponsor membership, \$25; and sustaining membership, \$100. Those holding sponsor and sustaining memberships have guest privileges for the five programs.

For subscription information, call 473-4002 or 472-1972.

**NEW SUPER SHELL MOTOR OIL 10W-40 NOW ON MARKET REPLACES 10W-30**

Shell has announced the nation-wide introduction of Super Shell Motor Oil 10W-40, a new multi-grade product to replace its Super Shell 10W-30 grade. The price will be the same as for the replaced grade.

The new oil is said to combine all the outstanding features of the 10W-30 oil and add a wider viscosity range for increased engine protection when operating at higher temperatures under severe driving conditions.

Among the benefits the new oil is reported to provide are:

- o Outstanding performance in the automobile manufacturers' association MS test procedures.
- o Performance exceeding all U.S. automotive manufacturers' requirements.
- o Easy starting in cold weather.
- o Minimized the formation of harmful deposits such as sludge and lacquer.
- o Protects against rust and wear.
- o Helps keep PCV (positive crankcase ventilation) functioning.
- o Reduced oil consumption.

Other grades of motor oil Shell markets at service stations are Shell X-100 Multi-grade Motor Oil 10W-30, Shell X-100 Motor Oil (Single grade) and Golden Shell Motor Oil.



Jewell Moss received some tiny cowboy boots at a recent baby shower given by fellow employees in Stenographic and Mail Room.

**PROVIDENT FUND NEWS**

The following are the Provident Fund valuations:

Shell Stock Fund

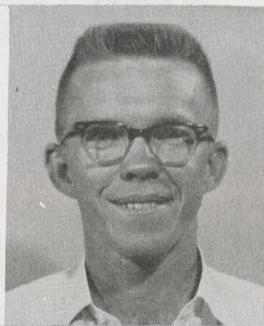
\$45.193 - September 1970

Equities Fund

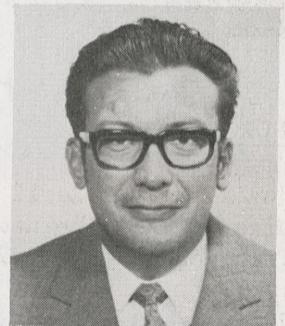
\$1.819 - September 5, 1970

\$1.831 - September 20, 1970

**C. T. ADAMS, R. L. HODGSON FILL STAFF RESEARCH CHEMIST POSITIONS**



Adams



Hodgson

C. T. Adams and R. L. Hodgson of the Houston Research Laboratory have been named Staff Research Chemists as announced by J. G. Pratt, Refinery Manager.

Charlie Adams joined Shell in September 1958 as a Research Chemist at the Houston Research Laboratory after obtaining B.S. and M.S. degrees in chemistry from the University of Arkansas. He was promoted to Senior Research Chemist in July 1967, was named Acting Group Leader in August 1969, and Research Supervisor in June of this year.

Russ Hodgson joined Shell in November 1953 as a Chemist in the Oil and Chemical Research Department at Shell Development, Emeryville. He was transferred to Shell Oil, Houston Research Laboratory, on July 1, 1968 as a Group Leader and spent a one-year exchange assignment at the Amsterdam Laboratories (KSLA). In July 1970, he was named Research Supervisor at Houston Research. He holds a B.S. degree from the University of California and a Ph.D. from U.C.L.A.

UTILITIES DEPARTMENT HOLDS 2 SAFETY DINNERS FOR EMPLOYEES



Attending the recent Utilities safety dinners were Mrs. and Mr. T. W. Cubley, Mrs. G. E.

Jones, C. Agnew, J. B. Harkness, Mr. and Mrs. W. D. Fransaw, Mr. and Mrs. Bill Ursprung.



Above are Mr. and Mrs. R. J. McKenzie, H. R. Neal, Mr. McKenzie, Mrs. Neal. Below are Mr. and Mrs. L. H. McDonald, Walter Cannon, Mrs. J. B. Harkness, A. L. Free, Mr. and Mrs. J. D. Brunston, Mr. and Mrs. L. Jennings.

Visiting together at the party held at Bill Bennett's Steak House in the Sky, are Mr. and Mrs. Herbert Laake, Mrs. C. W. Johnson and F. M. Thomas.



CLASSIFIEDS

FOR SALE

Boy's suit, size 12 regular, slacks, shirts, sizes 8-12, like new, reasonably priced. Telephone: 479-3707 after 5 p.m.

Prevent fires in your home, boat, or car! Keep a "Fire Foe," a 1 lb. dry chemical fire extinguisher, handy. Help the Clear Lake Jaycees keep your family safe. Price \$5.00. Telephone: 591-2938

Two tickets to the Rice-Texas football game on October 24. Telephone: 477-1693

Attention: for deer season, double door camper cover for long-wheel base truck. 34 in. high or 52 in. standing room, paneled, cabinets, storage bins & twin beds, 110 outlet, clean & good condition, cost \$449 new without extras, quick sale for \$295. Telephone: 453-5154

Apartment size refrigerator, good running condition, \$35. Telephone: 674-0314

Gigantic garage sale, furniture-toys-misc.

9 a.m. to 5 p.m., Fri. & Sat., Oct. 16-17. 1411 Davon Lane, Nassau Bay.

Pontiac '65 Catalina 2 dr. hardtop, automatic V8, power, good condition. Original owner, \$495. Telephone: 472-7286

Guitar--Prestige box guitar--excellent condition, fine for student or professional -- cost \$180, sell for \$60 Telephone: 941-4191

'62 Cadillac Coupe de Ville, new tires, air conditioned, radio, A-1 condition, \$595. Telephone: 643-0015

125 cc Montgomery Ward motorbike, runs but needs work, can use it for parts, \$25. Telephone: GL 5-0056

Quarter horse, sorrel mare, 7 years old, gentle, but spirited, good trail riding horse, has shoes on, ready to go. Telephone: 473-1274

WANT TO BUY

12 or 20 gauge shotgun. Telephone: 488-1481