Shellegraph
Houston Refinery

No. 8 Friday, February 26, 1971

C. E. "Red" Walker came back from retirement for a party in his honor at the TFCH. Friends gave him a chain saw.

Shell Informational Campaign

## INDIVIDUAL DRIVER CAN CLEAN UP AUTO EMISSIONS BY PROPER TUNE-UP

A major oil company's marketing vice president said recently that at the present state of the national effort to clean up the atmosphere, it is the individual driver who can probably do most to cut automotive emissions.

Frank H. Staub of Shell Oil Company made the statement in connection with the start of an educational campaign to inform automobile drivers how they can make important contributions to lower exhaust emissions and use less gasoline at the same time.

The opening phase of the campaign is a series of television and magazine advertisements that stress the importance of a proper tune-up to make an engine burn gasoline more completely. The ads say that more than half of all cars on the road need a tune-up and that if they all got one, total exhaust emissions in the U.S. would be reduced significantly.

"The automotive industry is making progress in developing engines and pollution control devices to reduce auto emissions to acceptable levels," Staub said. "Oil companies are making their contribution by providing fuels that are compatible with the

(Continued on Page 2.)

## SHELL ANNOUNCES TIFFANY CENTRO DEVELOPMENT FOR KANSAS CITY, MO.

Shell Oil Company has announced plans for a proposed project named Tiffany Centro in Kansas City, Missouri, which will include motels, office buildings and other commercial facilities. It will be on an 80-acre site of prime, undeveloped land near the Kansas City International Airport, which is now under construction 14 miles north of the city's central business district.

Howard Gullickson, manager of Shell's land Investments Department, said full development of the project, which will complement airport activities, would likely involve a total investment of $75 million to $100 million over the next 10 years.

The site, strategically located at a key interchange on Highway I-29, is being purchased by Shell, subject to approval of the zoning application by the City Council. Negotiations with potential users and design work are underway, and site grading is expected to begin as early as this spring. Shell will sell parcels of land to qualified developers whose building designs will follow guidelines of a master plan.

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## JUNIOR CATTLEMEN REALIZE HOPES AT BIG HOUSTON LIVESTOCK SHOW

Hopes and dreams backed up by hundreds of hours of work may be realized during the next few weeks as junior cattlemen come to the Houston Livestock Show to exhibit their calves.

Last year's winners of Shell Refinery sponsored calves, Robert Z. Rice and Billy Kahla, will be showing the calves they bought and raised.

Don Jennings' son, Tim, will be showing a calf along with seven other members of the San Jacinto County 4-H Club.

The young cattlemen work hard during the year trying to make champions of their wards. Hours after school and weekends are spent grooming, walking, feeding, cleaning stalls and keeping records. From time to time many of the youngsters enter their calves in shows in preparation for the big one. After working for a whole year, they come to the Show where they must do more work. From dawn to dusk, the boys work with the calves to have them ready for each showing. Time is spent clipping, shampooing, feeding and exercising the calves. Tension mounts for each showing, then as they walk their calves around the arena, again, some

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Polly Williams, center, was given a farewell party by fellow employees when she left Shell to become a housewife. With her are Larry Durrett and Mrs. Dave Smith.

## TIFFANY CENTRO NEAR AIRPORT--
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The project is oriented mainly to serve activities of the new $250 million Kansas City International (KCI) Airport, which is scheduled to open in mid-1972. KCI will become the air travel center for the area, with most airline facilities relocating from the present Municipal Airport. Air passenger traffic in Kansas City is expected to grow from 4½ million in 1970 to 14 million in 1980.

The master plan for Tiffany Centro envisions motels, office towers with a plaza, a bank with offices, individual office sites, and other commercial establishments. Gullickson said Shell would not only sell parcels directly to users but also will assist in arranging construction for them. The site will include a wooded park reserve and an esplanaded boulevard which with other streets will cover more than 10 acres.

Mr. Gullickson said negotiations are underway with a number of potential parcel purchasers, including national motel chains, office developers, banks and other commercial users.

## RESEARCH REPLACES IRUS 902 WITH 905 HYDRAULIC FLUID

Shell research has turned a good product into a better one.

Shell IRUS Fluid 902(R) is being replaced by IRUS Fluid 905(R), a superior fire-resistant hydraulic fluid for applications in the automotive, steel, diecasting, machine tool, and general manufacturing industries where fire resistance is specifically called for.

The product is also being introduced under the trademark Shell FRM Fluid(R), which carries the U.S. Bureau of Mines approval for use in the mining industry.

The key development by chemists and engineers at Wood River Research Laboratory which led to the new water-in-oil emulsion is an improved emulsifier package which keeps the oil and water mixed during the product's service life. Like its predecessor, IRUS 902, the new hydraulic fluid contains 40 percent water. But the IRUS 905 emulsion has greater stability resulting from improved water dispersement.

## DRIVERS CAN CLEAN UP EMISSIONS--
(Continued from Page 1.)

engines and with the devices needed fo more stringent emission regulations."

"But until emission control devices ar used on most automobiles, the individua driver can do a great deal to help in th national drive for cleaner air," he said

Staub said the first ads in the campaig do not refer to Shell products although late ads will. They are part of the company' aim to anticipate future environmenta requirements. He noted that last Octobe Shell was the first oil company to marke a non-leaded gasoline nationwide. Introduction of the product at that time assure the availability of a non-leaded 91-octan gasoline for those 1971 automobiles design ed to use it, and anticipated the develop ment of emission control devices that wil require non-leaded gasoline.

J. C. Ellis, Shell's manager of vehicl emissions control, said that research b Shell and others shows that a spark plu misfire might double hydrocarbon emission and a carburetor giving an over-rich fuel air mixture could increase carbon monoxid emission by 50 percent or more.

Ellis noted that a University of Michigan automotive tune-up clinic found tha hydrocarbon emissions were cut by 55 percen with a tune-up. He quoted students who conducted the clinic as saying "The individua motorist must begin to develop an attitud of responsibility toward the maintenanc of his automobile to ensure low emissions."

"In addition," Ellis said, "the averag driver can help cut emissions by drivin conservatively, using a non-leaded gasolin if his car can run on it, and by ensurin his battery is operating well to help hi car start quickly."

He said a good tune-up for emission reduction should include checking the follow ing items...plugs, plug wires, points, condenser, rotor, and cap, basic timin and spark advance, carburetor idle mixture, idle speed, cleanliness, and automatic choke operation, fuel and air filters, PCV valve an other emission control system components, heat control valve, cylinder balance an fuel leaks.

## J. H. BLUNT ACCEPTS FOREIGN JOB AS DESIGN ENGINEER IN THE HAGUE

J. H. Blunt, Group Leader, Technological has accepted an assignment as a Process Design Engineer in the MFD Division, BIPM, The Hague.

The move, which is effective April 1, was announced by J. G. Pratt, Refinery Manager.

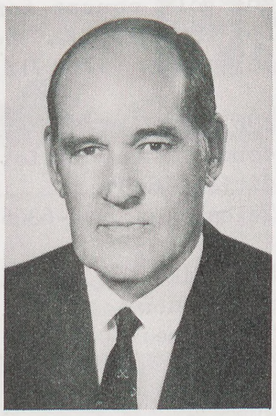
Blunt

Henry, who first began working for Shell at the Midland E&P Area during the summer of 1964, holds B.S. and M.S. degrees in chemical engineering from Louisiana Tech.

He joined the Houston Refinery Tech Department as an engineer in August 1966 as a permanent employee.

## ERVICE ANNIVERSARIES

30 Years
R. B. Ewell
Computer Control

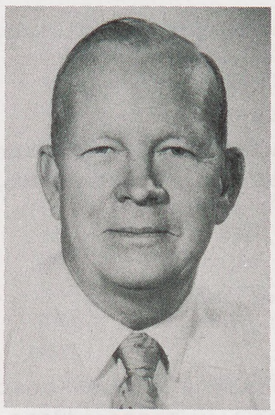


30 Years
R. T. Garbs
Lube Oils

30 Years
T. C. Huffman
Engineering Field

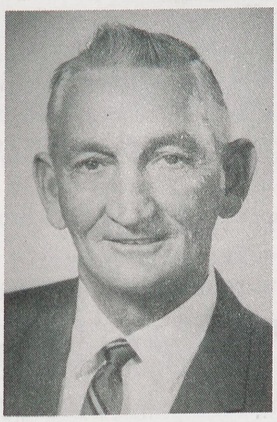
30 Years
F. E. Lee
Gas & Therm. Cracking

30 Years
C. W. Sparks
Aromatics



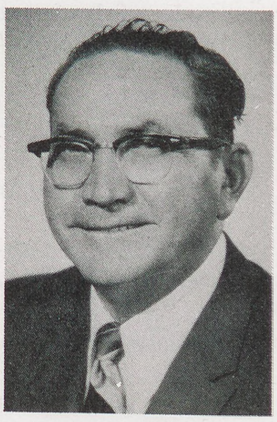
30 Years
R. C. Whitley
Engineering Field

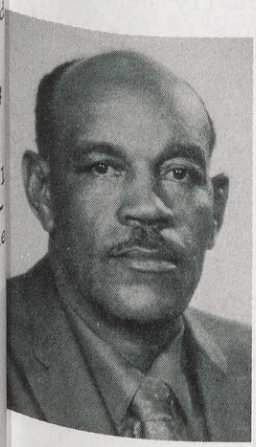
25 Years
J. C. Johnson
Research

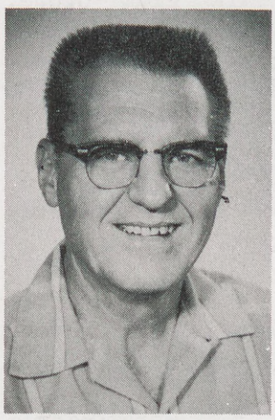


25 Years
R. T. Longman
Research

25 Years
H. J. McKeown
Engineering Field







25 Years
F. Pierott
Engineering Field

25 Years
E. Sprouse
Dispatching

25 Years
W. D. Stansbury
Dispatching

## RE-ENROLL 19-YEAR-OLD DEPENDENTS IN SHELL HSM PROGRAM

If you are enrolled for family coverage under the Shell Hospital Surgical Medical Program and have a dependent child approaching age 19, it is up to you to continue coverage beyond the child's 19th birthday by making application and paying an additional monthly contribution.

If the child loses dependency status as a result of marriage, full-time employment (including military service) or reaching age 25, you should make arrangements to discontinue the additional payment. Under those circumstances, he or she is no longer eligible.

# CLASSIFIEDS

FOR SALE

Large steel desk (excellent for work bench/ tool cabinet), 5 foot fan with ¼ hp motor, 3 hp, 2 cycle lawnmower (runs but needs repair)...moving, make offer.
Telephone: 944-8845

1969 Renault, 10, 4-speed, air conditioned, radio, heater, one owner, $1200.
Telephone: 946-8299

Two bedroom house for sale--111 Clear Lake Shores Drive. 60'x100' lot--50' waterfront easement-owner financed.
Telephone: Kemah 877-1669 after 6 p.m. daily.

3 piece maple bedroom suite, good condition, $65.
Telephone: 473-1922

50,000 BTU Commonwealth double wall heater complete, vent pipe, roof jack, thermostat, gas or propane. $50.
Telephone: MI 4-0623

'63 Ford 4-dr., 6 cylinder, automatic.
Telephone: JA 8-5789

Hand crocheted Barbie doll clothes--coat with hat, $1; 2 piece suit, 75 cents; dress, 50 cents. Used hardwood stairs with railing, $50. Bathtub, kitchen sink, bathroom sink, commode without tank, $35.
Telephone: 472-8445

Chevy Hi Per F heads, crane springs and retainers for small block Chevy, 780 CFM dual line holley, practically new.
Telephone: 479-2406

1968 Sunset cabover camper, self contained, sleeps six, bathroom and air conditioned, roll on and off lift, $1900.
Telephone: 645-7404

Electric guitar & amp., good condition, $75.
Telephone: 471-1618

Lot 60'x120', Rivercrest Park, Plum Grove, Texas. 45'x10' trailer, 2 bedroom, kitchen, living room & bath furnished, 220 air conditioner, fishing & hunting rights on 3200 acres, $2000 cash.
Telephone: 631-2065 or 472-8838

'66 Corvette Stingray, 327-4 speed, convertible, disc brakes, stereo tape. $1800.
Telephone: 471-1618

Two beautiful wooded lakeview lots 454 & 455. Block 19, section 2, Lightwoods Drive, Lakewood Heights, Lake Houston. Each lot is 70'x 125'. Access to swimming pool, park, picnic area and boat ramps for property owners only. $5,000 per lot.
Telephone: 621-6712

Two beautiful wooded waterfront lots 124 & 125 on Silver Moon Trail, Indian Shores, Lake Houston. Access to swimming pool, park, picnic area, boat ramp, tennis courts, stable and golf course for property owners onl
Lot 124, $15,000. Lot 125, $15,500.
Telephone: 621-6712

1965 Malibu Chevelle, 2 dr. hardtop, a conditioned, radio, heater, excellent co dition, $800.
Telephone: 944-6806

Mini bike, 3½ hp, disc brake, lots of chro nearly new.
Telephone: 479-2263

1966 Ford pickup, 352 motor, excellent co dition, new tires, paint, upholstery, ne er used for work truck, $925.
Telephone: 946-1867

2 lilac siamese kittens, $20 each.
Telephone: 621-8141 after 4

1970 Oldsmobile Delta 88 Holiday custom, 2 dr factory stereo tape deck, fully loaded, $340
Telephone: 487-3272

WANT TO BUY

A good used English racer bike.
Telephone: 479-1491

A pair of water skis, tow rope, boat ladde
Telephone: 472-3147

PERSONALS

We want to thank fellow employees for the kind expressions of sympathy after t death of our mother. With our brothe and sisters in Christ, Mr. and Mrs. R. Gibson.

The family of C. F. (Andy) Andrews ackno ledges with grateful appreciation your ki expression of sympathy.

## JUNIOR CATTLEMEN REALIZE--
(Continued from Page 1.)

of them find that all their work paid of Even though all of the entries don't wi the boys say they have really benefitt from the experience because it has help them become better cattlemen.

Helping to make all this possible a hundreds of sponsors who award $200 cert ficates to the winners of the calf scrambl and other sponsors who help 4-H and boys. The Shell Refinery and Leonard Wils retired Manager, have sponsored sever calves in scrambles in past years.

Bringing sponsors and boys together a men like Claude Burgess, Dalton White, Ja Cox, and Don Jennings, members of the Ca Scramble committee, who solicit spons and then manage the calf scramble event the rodeo.

Before each performance these men gi the contestants detailed instructions how to catch a calf and drag it to the fini line. It is usually serious business the committeemen because they feel that catch ing a calf is an important event in t young rancher's life.