



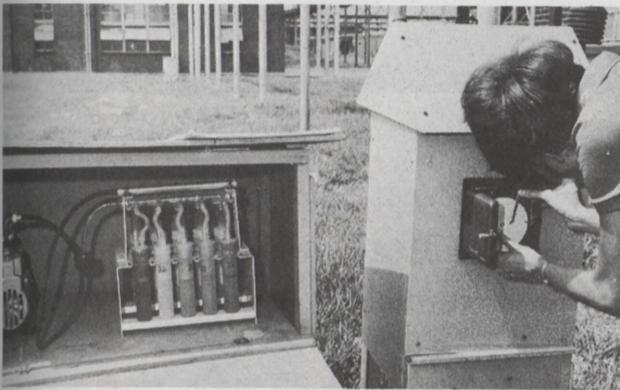
Shellegraph

Houston Refinery

Vol. 37, No. 38

Friday, September 29, 1972

POLLUTION DIVISION SAMPLE STATION SHOWS AREA IN COMPLIANCE



Carol Stinnet, Pollution Control Inspector, puts in new chart to measure air quality at Station 22.

As a public service, the Shell Refinery agreed to have an air sampling station installed here by the City of Houston Health Department's Pollution Control Division in March. Since then, weekly samples of ambient air, that is, air which is moving, have shown that ambient air quality in this area is well below the National Primary Ambient Air Quality Standard of 260 micrograms of particulates.

Sampling Station Number 22, located behind the Lubricating Oils Department office, is programmed to take a set of 24-hour samples every six days. An inspector from the Pollution Control Division comes to the refinery the day prior to the scheduled sampling period to install a set of five absorbers filled with fresh chemicals, each of which will absorb specific pollutants from ambient air. A weighed filter paper is also placed in the high volume sampler to collect particulates from a larger volume of ambient air.

Times are set to start and stop the equipment for the desired 24-hour sampling period. The day after the samples are taken the inspector returns to the refinery to take the absorbers and filter paper to the laboratory for analysis.

Samples from City of Houston Station 22 have ranged from 34 to 156 micrograms per cubic meter. The average has been 75 micrograms, well below the National Primary Ambient Air Quality Standard of 260 and below the predicted levels which appear in the Houston Post each morning.

Results from the air samples indicate the presence of particulates, sulfur dioxide, sulfate, oxides of nitrogen, ammonia, oxidants and aldehydes or hydrogen sulfide. Within a week after sampling, results are sent to the refinery where they are interpreted further with data on wind direction and velocity

obtained from our equipment on top of the Shops Building and recorded in the Refinery Supervisor's office.

Station 22, located within 2500 feet of the Ship Channel, is part of the City of Houston's stations in the statewide network needed by the Texas Air Control Board staff to test its program for control of ambient air quality.

If the ambient air quality here is well below the standard, why then would the refinery take further action to reduce emissions? The Texas Air Control Board has not only accepted the responsibility of meeting ambient air standards, but also has set source emission standards. Therefore, even though Primary Air Quality Standards are met at individual stations such as at our Station 22, all industries must comply with source emission standards to help achieve overall air quality in the region in which they are located.

Each industry has already provided the Texas Air Quality Board with a report on how they are working to be in compliance with the standard by late 1973. Currently, at the refinery, a substantial project is underway to install floating roofs in storage tanks. The first installation is being tested for return to service.

CHANNEL INDUSTRIES MUTUAL AID HOLDS DRILL HERE, OCTOBER 11

"Alert at the Shell Refinery...All CIMA industries are requested to provide emergency aid and assistance at the Shell Refinery. An explosion and fire have occurred with some casualties. Members are asked to provide personnel and equipment...This is not an emergency, but a drill. Repeat... this is a drill."

And so the call will go out over the Channel Industries Mutual Aid radio network on October 11 at 9 a.m. By 9:30, a large number of the 48 member companies will respond with men and necessary equipment at the fire training area on the Ship Channel.

As the morning progresses, men and machines will team in a two-hour drill to fight tank, open pit, and overhead pressure fires using different types of methods and to administer first aid to make-believe victims.

Shell Chemical safety inspectors and some members of the fire crew will respond with a fire truck to extinguish an overhead pipe flange fire. Shell Refinery safety inspectors are assigned to conduct evolutions of the fires and rescue operations.

(Continued on Page 2.)



Richard Humphries turned the barbecue at the Instrumentmen's annual mourning dove hunt at W. F. Mehrkam's farm. Some 30



employees and sons barbecued chickens and fresh doves, hunted and played dominoes at the 4th annual outing near Waller.

DUDLEY, FITZPATRICK ACCEPT JOBS WITH OTHER SHELL ORGANIZATIONS



Dudley



Fitzpatrick

R. J. Dudley and T. J. Fitzpatrick are transferring away from the Deer Park complex.

Ron Dudley is being transferred to the Transportation and Supplies Organization, Head Office, Transportation and Distribution Economics Department, as a Senior Transportation Specialist. A Senior Engineer in the Utilities Department, he has been on special assignment with the T&S Organization since March.

Tom Fitzpatrick, presently in the Petroleum Processing and Engineering Department of Shell Development's MTM Process R&D Lab,

will transfer to the Norco Refinery as a Senior Engineer.

Tom worked at Norco and Shell Chemical Houston during summers while working toward a Ph.D. at Tulane University. He joined Research in 1967 and was on military leave from 1968 to 1970, returning in February 1970.

**CHANNEL INDUSTRIES MUTUAL AID--
(Continued from Page 1.)**

In addition to fire crews from member industries, area Civil Defense representatives will respond along with government officials, the Coast Guard, which will have a helicopter standing by, and the Port Authority Fireboat Capt. Crotty. The Harris County Sheriff's Department will handle crowd control and traffic direction. The Red Cross will be on the scene to render aid as it is needed. News media representatives have been invited to cover the drill.

CIMA was organized in 1955 to provide aid and emergency assistance for industries along the Ship Channel in the event of a disaster.

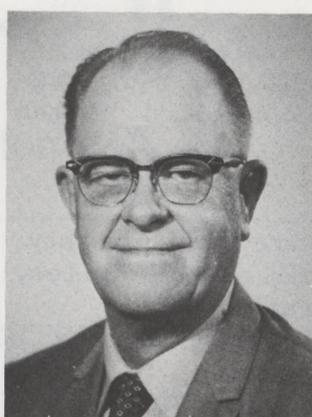
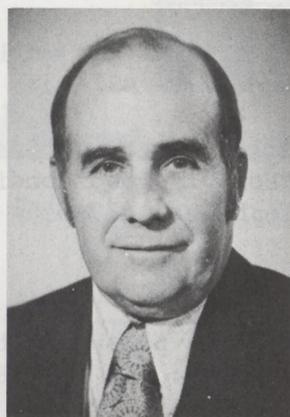


Thirty-four members of the Houston Desk and Derrick Club toured the Refinery Saturday. The Shell contingent, pictured with R. G. Sturrock, C. O. Patterson, Operators No. 1, and George Johnson, tour guide, are,



l-r, Yvonne Bain, Joyce Tolleson, Mary Penderman, Virginia Seinsoth, Martha Simmons, Evelyn Johnson, wife of E. R. Johnson, and Emilie Asher. Above, Sturrock explains the UCC control room to the ladies.

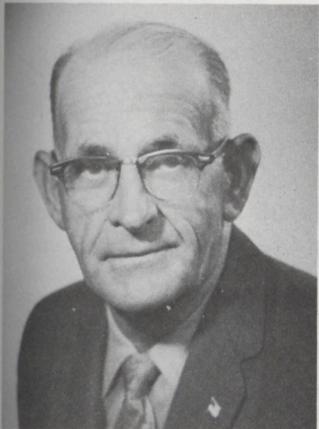
SERVICE ANNIVERSARIES



35 Years
C. G. Scott
Cat. Reforming

35 Years
E. M. Williams
Dispatching

30 Years
R. Baker
Lube



30 Years
J. L. Dykes
Eng. Field

30 Years
W. K. Meerbott
Process R&D Lab

30 Years
P. S. Wells
Eng. Field



25 Years
P. E. Carter
Dispatching

25 Years
N. J. Ellis
Solvents

25 Years
E. C. Fowler
Eng. Field



25 Years
A. L. Griffin
Aromatics

25 Years
E. A. Hill
Alkylation

25 Years
A. Haggerty
Eng. Field

25 Years
T. H. Lawson
Aromatics

SHELLEGRAPH

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

Mrs. Josie Ochoa--Editor

Reprints allowed only by request. To submit news and photographs, call extension 541 or send material to Room 103, Main Office Annex.

25 Years
K. S. Messenger
Eng. Services



CLASSIFIEDS

FOR SALE

Set mahogany tables--drum table with drawer, end step table, coffee table, \$18 set. MacGregor tennis racket-\$2. 4 gallon "Scotch Kooler", \$3.
Telephone: 731-8265

Two 1972 Honda Trail 70 motorcycles, warranty, luggage rack, helmets, like new, 250 miles, \$350 each. Motorcycle trailer, \$110.
Telephone: 485-2706

Four good used whitewalls- 2-E78x14 Firestone "Strato Streak", 2-F78x14 Fisk fiberglass belted, \$8.
Telephone: 649-1337

6 ft. Canadian fir Christmas tree (thick artificial, Sears, \$21) \$10. Snowball ice cream freezer, \$3. Both items used one time.
Telephone: 781-8265

1964 Chev. pickup V8 motor, long wheelbase, \$300.
Telephone: 946-6611

Female German shepherd pup, 6 months old. Registered.
Telephone: 487-1381

Wooded lot, Lake Livingston, Kickapoo Creek area, \$2500.
Telephone: 946-6611

Conn clarinet, B-flat. School approved. Used two years, \$75. Size 10 & 12 Boy Scout uniforms, \$5 each. 4 adult life jackets, \$2.50 each; 2 children's life jackets, \$1.75 each; 2 clothes line posts, \$7.50.
Telephone: 474-3892

Lady's dark-grey woolen dress coat, size 9. perfect condition, \$35.
Telephone: 626-7330 before 5, 472-5851 after 5

Extra sized L-Z-Boy in green tweed. Excellent condition. \$75.
Telephone: 471-5365 after 5 p.m.

'65 Malibu, auto, heater, radio, good running condition, \$400.
Telephone: 477-9863 or 946-4402

Sweet Sudan hay, 75¢ per bale.
Telephone: 471-1431 after 5 p.m.

Story & ½ 4-bdrm., 2-bath, 2-car-garage home, cent. air & heat. College Park Dr. \$25,000 or equity.
Telephone: 479-2083

FOR RENT

Unfurnished 3 bedroom house, central heat, carpeted, first time rented. Deer Park, \$140 month and \$100 deposit.
Telephone: 479-1295 after 5p.m.

3-1-1 home, one window unit, 10 min. from work. \$130 month. \$50 deposit.
Telephone: 477-6592

WANT TO BUY

Used natural gas wall heater.
Telephone: 487-1381

Second-hand gasoline powered "Go Cart." Reasonably good condition preferred.
Telephone: 479-5561

WANTED FREE

Chihuahua puppy for boy with asthma.
Telephone: GR 2-3018

FREE

Oak wood logs for fireplace or barbecue.
Telephone: 453-0231

LOST

Pair of gold frame army sun glasses in blue case. In or near Main Shops Bldg. on Monday, Sept. 18.
Telephone: 479-3519

PERSONAL

A very special thank you to a very special group of friends at Shell for all your kind wishes and expressions of concern and care during "Blackie's" illness. We wish to thank each and everyone of you so very much and God bless you. L. E. Vaughan Family

NOTICE: No Shellegraph next week, the editor will be on vacation.

J. D. GIBBS NAMED SENIOR ENGINEER IN ENGINEERING SERVICES DEPT.

J. D. Gibbs, Engineer, Engineering Services, has been named a Senior Engineer. The move is effective October 1.

John Gibbs holds a B.S. degree in mechanical engineering from Lamar Tech. He began working at the Refinery in the summer of 1965 as an Engineer in Engineering Office. He began permanent employment in 1966 in Engineering Services. After an eight-month assignment in The Netherlands, he returned in 1970 to Expansion-Construction, moving to Engineering Services later that year.

**WELCOME TO SHELL**

J. Evans, R. N.
Employee Relations

