

ETHYLENE UNIT BUILT WITH ENVIRONMENT IN MIND

Shell Chemical Company's giant Ethylene Unit is taking shape as construction continues at Deer Park. It is designed to have a capacity of more than a billion pounds a year of ethylene plus related olefins and aromatics.

Due to be completed in 1970, the facility represents one of the largest construction projects ever undertaken by Shell Chemical Company. A \$10-million investment in en-

vironmental control facilities accompanies construction of the new plant, including expanded water conservation treating facilities, two additional sulphur recovery units, and a comprehensive emergency collection and flaring system for process gases. The Unit will be open for tours tomorrow, Saturday, between 1 and 5 p.m. Visitors should use the parking area adjacent to the new plant at Construction Gate Entrance No. 7.

SHELLEGRAPH



No. 2

Friday, January 9, 1970



CHRISTMAS TO THOSE LESS FORTUNATE--Nathaniel Perry, Laborer, Engineering Field, who is a volunteer Captain in Sheriff's Department, presents Christmas gifts to Beverly Lee who is a member of one of the three families which received baskets of food, clothes and toys collected by the volunteer policemen.

WONDERFUL WORLD OF GOLF SHOW SCHEDULED TO BEGIN NEXT SATURDAY, JAN. 17, AT 4 p.m.

"Shell's Wonderful World of Golf" returns to television for its ninth season January 17 with 12 of the world's top professional golfers competing in a \$124,000 international elimination tournament on courses in Latin America, the West Indies, Canada and the U. S.

The seven-match 1970 series will be televised in color over KPRC each Saturday at 4 p.m. through February 28.

As in past years, the series offers colorful scenery and regional travelogs, in addition to the golf matches.

Four preliminary matches make up the first round of the tournament, with three players in each competing for a \$7,000 first prize. Awards of \$5,000 and \$3,000 go to second and third place finishers.

On January 17 Roberto de Vicenzo of Argentina plays U.S. professionals Tom Weiskopf and Dave Stockton at the Ranelagh Golf Club in Buenos Aires.

On January 24 Dan Sikes plays Miller Barber and Bob Murphy at the Tobago Golf Club in Tobago, West Indies.

At month's end, January 31, Canadian George Knudson plays George Archer and Lee Elder at the Sao Fernando Golf Club, Sao Paulo, Brazil.

The fourth match in the preliminary round, to be televised February 7, will feature

(Continued on Page 3.)

NO MORE STANDING IN LINE TO GET VEHICLE LICENSE PLATES

NOTE TO TAX COLLECTOR: MATCH ARROWS ON STICKER WITH ARROWS ON FORM

NOTE TO OWNER: IT WILL SOON BE TIME TO BUY YOUR 1970 LICENSE PLATES. DO NOT DETACH OR STAPLE THESE CARDS. PLEASE READ THE INSTRUCTIONS ON REVERSE SIDE YOUR 1970 LICENSE PLATE FEE IS \$1.00.

1970 TEXAS HIGHWAY DEPARTMENT LICENSE RECEIPT

| | | | |
|-------------------------|----------------------------|-------------------|---------------------------|
| INDEX NUMBER 0000000 | 1969 LICENSE NO. ABC123 | GROSS WT. 3600 | REGISTRATION FEE 22.30 |
| INDEX NUMBER 0000000 | 1969 LICENSE NO. ABC123 | GROSS WT. 3600 | REGISTRATION FEE 22.30 |

YEAR: 69, MAKE OF VEHICLE: CHEV, BODY STYLE: 2DR, TITLE NUMBER: 136379K999999, CAPACITY: 3600, CLASSIFICATION: PASSENGER

NAME AND ADDRESS OF OWNER: JOHN & PUBLIC, 123 COLLEGE AVENUE, BLANK, TEX 78707

1970 LICENSE PLATE RENEWAL APPLICATION

Texas Highway Department Motor Vehicle Division, 40th & Jackson Ave., Austin, Texas 78703

U.S. POSTAGE PAID 6¢ PERMIT 1292

THIS IS YOUR LICENSE PLATE RENEWAL APPLICATION

IMPORTANT

INSTRUCTIONS ENCLOSED

THE TEXAS HIGHWAY DEPARTMENT IS UNDER A NEW SYSTEM OF REGISTRATION

NEW THIS YEAR! THE TEXAS HIGHWAY DEPARTMENT WILL MAIL A RENEWAL APPLICATION TO VEHICLE OWNERS TO BE USED IN OBTAINING THEIR 1970 LICENSE PLATES.

WITH THE RENEWAL NOTICE, VEHICLE REGISTRATION CAN BE PURCHASED WITHOUT THE CERTIFICATE OF TITLE AND 1969 LICENSE RECEIPT.

NOTICES SHOULD BE RECEIVED BY JANUARY 10TH. OWNERS NOT RECEIVING A RENEWAL NOTICE WILL BE REQUIRED TO HAVE THEIR TITLE AND 1969 LICENSE RECEIPT.

LICENSE PLATES GO ON SALE FEBRUARY 2, 1970

Carl S. Smith, Tax Assessor-Collector, Harris County, will be accepting applications for 1970 license plate renewal which have been mailed to owners' homes, until February 1.

The applications, which are illustrated above will allow the owner to register his motor vehicle by mail and thus avoid the long lines at super markets and car dealers after March 1.

Applications should be mailed to Mr. Carl

S. Smith, Window 2, 301 San Jacinto Street, Houston, Texas 77002.

There is a \$1.00 charge for mailing and Smith is only accepting Cashier's checks or money orders.

The owner need not present his 1969 license receipt or title when re-registering this easy way. Only in cases where renewal notices are not received in the mail will the owner have to buy license plates by the old method.

NOBODY LOVES POLLUTION

(Editor's Note: This is the first in a two part article about pollution. The second part will be published next week.)

Pollution is unloved. Shell calls it harsh names and spends more than \$50 million each year to help eliminate the "peculiar paradox." The company has always actively promoted environmental conservation, and a few months ago, it leveled a corporate position paper at pollution:

- "It is an insult to our senses."
- "A hazard to our well-being."
- "It contaminates the arable soil on which our food supply depends, and it fouls the air we breathe and the water we drink."

After the epithets, the company explains why it considers pollution a paradox: Ironically, most of it is the result of man's growth, affluence, technological triumphs and unending search for a better way of life."

This sober affirmation explains why Shell has long regarded a hefty program of environmental conservation as both a responsibility and a normal part of doing business.

Specifically, this entails not only the expenditure of giant sums but also "the objective thinking and interaction of Shell personnel in many disciplines and on many levels.

Control Begins With Plant Housekeeping

"Pollution control begins with plant housekeeping, maintenance practices and contingency planning," Shell instructs

its management. "It must continue through process design...moreover, we must anticipate future environmental requirements and provide for them in long-range planning."

It's not all theory. Today, Shell can boast that "Nationwide, our physical control, storage and dispersion or recycling of all byproducts and non-usable residues meet all legal requirements."

Indeed, operations control systems "are designed for optimum protection of the environment."

These controls take many forms. Often, they are multi-million dollar modifications to production or refining processes. For example, in two giant oil fields at the mouth of the Mississippi, production facilities were modified and onshore treatment facilities installed so that all production from more than 700 wells is piped to shore before oil, water, gas and produced sediments are separated and treated. The procedure reduces the likelihood of pollution by confining a potential source and allowing highly efficient processing.

Other Conservation Techniques

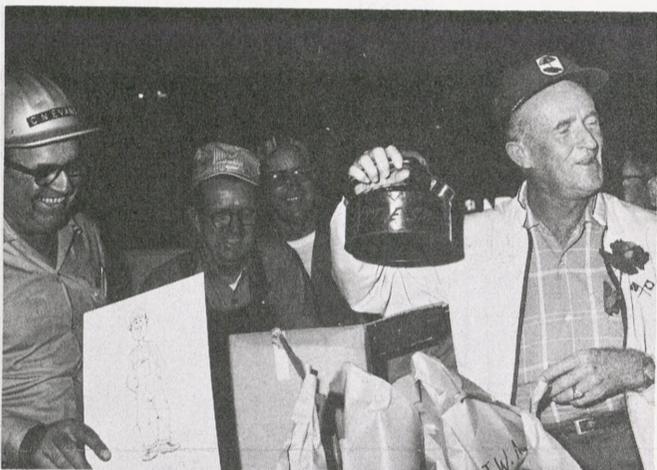
Other tools for conserving the environment are varied. They range from techniques which reduce vapor loss from tankage and dispensing devices at refineries, distributor terminals and service stations, to a pneumatic air barrier system poised to contain oil spills which might occur near Shell docks in the Chicago Sanitary and Ship Canal.

(Continued next week.)

RETIREMENT PARTIES...



MEMENTOES OF LONG CAREER--D. W. Lanning, Assistant Department Manager, Dispatching, presents a replica of the Colorado to H. D. Estes to remind him of the many situations he encountered while he was Manager Economics and Scheduling. Estes retired January 1.



TEA KETTLE--Among the gifts J. W. Norton received from fellow Welders was a kettle which will be well-worn before long. C. N. Evans, left, made the presentation of the gifts at Norton's recent retirement.

NEW SHELL OIL PRESIDENT ASSESSES FUTURE

Editor's Note: Denis B. Kemball-Cook, Shell's president, made the following statement to employees as he prepared to assume the presidency.

"The decade just ended has seen unprecedented growth for Shell. We are now passing through a difficult period economically with inflation and a cost-price squeeze, and the oil industry as a whole is facing its most severe critics in years. Despite this, the outlook is good for continued growth because of the continuing increase in demand for energy in all the forms in which we supply it. The decade ahead holds many challenges and responsibilities to meet. I look forward to it and ask the continued support and cooperation of my friends and co-workers in Shell.

SHELLEGRAPH

Published by Shell Oil Company for its Houston Refinery and Houston Research employees at Deer Park, Texas 77536.

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.

GCLF SHOW BEGINS NEXT SATURDAY--

(Continued from Page 1.)

Frank Beard, Lee Trevino and Julius Boros competing at the Club de Golf Bellavista in Mexico City.

Two semifinal matches with a first prize of \$10,000 will follow. Second prize is \$7,000. The first semifinal, played at the St. Charles Country Club in Winnipeg, Manitoba, Canada, will be televised February 14. Competing will be the winners of the Sao Paulo and Buenos Aires matches. On February 21, the winners of the Tobago and Mexico City matches will compete at the New Orleans Country Club.

The final match, played at the Olympic Club in San Francisco, will be televised February 28. The tournament champion receives \$20,000 and the runner-up \$10,000.

The courses and the plays are analyzed by Jimmy Demaret, with Gene Sarazen acting as series host.

Golf tips interspersed throughout the matches feature the playing techniques of George Archer, Tom Weiskopf, Frank Beard and Dan Sikes.

The 1970 production of the Emmy award-winning show features motion picture photography which brings TV audiences as close as possible to the action. Always concerned with the why and how of golf, the series again makes use of helicopter views and split-screen comparisons of players' swinging styles. "Instant replay" enables series narrator Demaret to analyze a difficult shot with the player immediately after it has been played.

SCOTTY ROSS, RETIRED ZONE SUPERVISOR, WALTER PETERSON, RETIRED DOCKMASTER, DIE

Ross



Peterson

T. E. (Scotty) Ross and Walter (Pete) Peterson, Pensioners, died recently.

T. E. Ross died December 31 following an extended illness. He was 82 years old. Ross had 21 years of service when he retired as a Zone Supervisor in 1950.

He is survived by his widow, Mrs. Nita Ross.

Walter Peterson died suddenly at his ranch near Fredericksburg on January 4. A native of Norway, he retired as an Assistant Manager Dispatching (Dockmaster) in 1962 with 33 years of service.

He is survived by his wife, Exie.

AROMATICS HOLDS TWO SAFETY DINNERS AT KEMAH RESTAURANT HONORING EMPLOYEES FOR SAFE YEAR



BEFORE DINNER CONVERSATION--Mr. and Mrs. Charlie Sparks, Mrs. C. D. Vestal and Mr. Vestal and Mr. M. F. Fletcher talked at their table.



DINNER AT JIMMY WALKER'S--Among guests were Wallace Ryne, Mr. and Mrs. Ivey Ham (Retiree), Mr. and Mrs. C. L. Erickson, Jr., Mrs. and Mr. H. L. Turner and Mr. J. D. Payton.



GOOD TURN OUT--The two parties had good attendance as judged by the two pictures above.

CLASSIFIEDS

FOR SALE

Full size roll away bed. Excellent condition. \$20.

Telephone: 472-7375

House for sale--Pasadena. 3 bedroom - 2 baths - garage - carpet - drapes - all built-ins - central air & heat - large patio - fenced - 5 3/4% interest - \$120 month.

Telephone: 487-0001

1 swivel rocking chair, Ethan Allen twin bed set and 2 chests of drawers.

Telephone: 668-1025

1963 Fairlane 500, 2 door, hardtop, auto, radio and heater and air conditioned. New tires, 65,000 miles, \$600.

Telephone: GR 2-5988

1964 Chevrolet II Super Sport, 2 door hardtop with 283 4-speed, bucket seats and positive traction, \$495.

Telephone: 622-2507 after 4:30 p.m.

Bargain, beautiful wig, long brown hair.

Telephone: 473-5603

1967 Volkswagen, sun roof, radio, heater, one owner, 15,000 miles, perfect condition, \$1225.

Telephone: 472-6768

3 bedroom house, Pasadena, Red Bluff, trees, 220 wiring, vented heat, fenced, patio --- like new, \$11,500.

Telephone: 472-6980

1957 Volkswagen, good tires, good upholstery, motor just rebuilt. Excellent work car, \$295.

Telephone: GR 2-4133

1967 Volkswagen, good shape, \$1095.

Telephone: 472-7462

1955 Chevrolet, new interior and new carpet.

Telephone: 944-8397

WANTED TO BUY

Electronic Flash Unit.

Telephone: 473-5603

LOST

Prescription bifocals, brown, lost Tuesday, January 6.

Telephone: CA 2-2710

FOUND & STILL UNCLAIMED

Brown leather belt.

Pair of prescription sunglasses.

Pair of brown framed glasses.

Set of keys to GM car or truck on Buick key chain.

Please identify and claim at Shellegraph Office, MO Annex, Room 103.