



Shellegraph

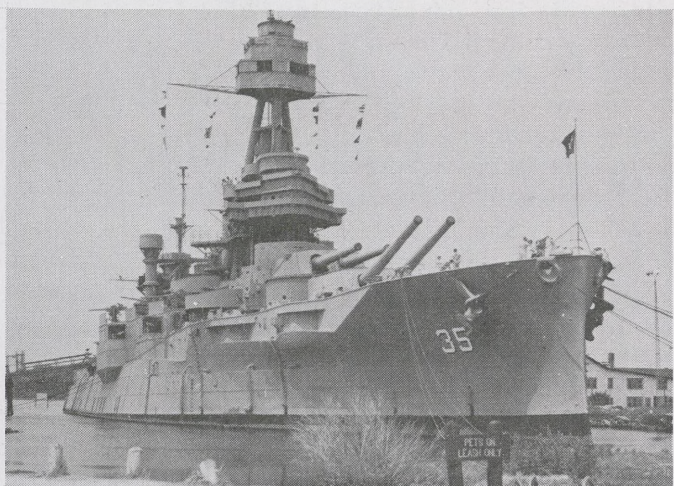
Houston Refinery

No. 17

Friday, May, 7, 1971

Shell Epon^R Resin to the Rescue

'TEXAS' FIGHTS A NEW BATTLE, CORROSION, TIME TAKE THEIR TOLL



The Battleship TEXAS needed a different type of ammunition than that used in her big guns in her fight against corrosion. Shell Chemical donated some Epon^R Resin.

A rugged veteran of combat in two world wars, the Battleship TEXAS, had to call upon modern technology to help her fight mother nature in the battle of old age.

The historic ship, now a state monument, rests permanently anchored off the Houston Ship Channel next to the historic San Jacinto Battlefield. She managed to survive fierce combat missions in wartime, but lately has been faring far less successfully in the fight against corrosion. Leakage of rain-water has threatened the exhibits on display within the ship.

The Battleship TEXAS Commission decided it was time to rise to the ship's defense and began an extensive renovation program. Rear

\$25 MILLION PROJECT ANNOUNCED AS ANACORTES EXPANSION BEGINS

A quality improvement project will begin shortly at the Anacortes, Washington, Refinery, whereby several new process units will be constructed to manufacture the growing volume of gasoline required by low-emission cars to be produced in coming years.

Shell was among the first to announce and produce a nonleaded fuel, "Shell of the Future,"* which is available throughout Shell's marketing territory.

Two principal units in the building program will be a naphtha hydrotreater and a catalytic reformer.

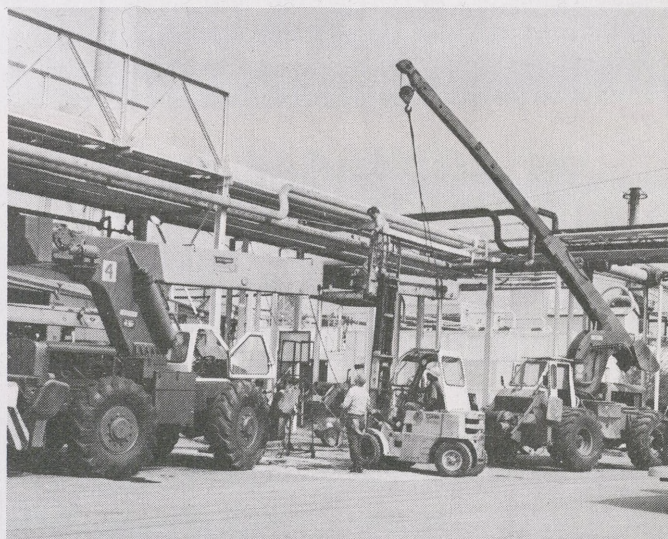
The project is expected to cost approximately \$25 million and environmental considerations are emphasized in the plant design. Completion of the project is scheduled for the fall of 1972.

* Trademark-Shell Oil Company.

Admiral C. H. Taylor, U.S. Navy Reserve and a member of the Battleship Commission, had previous experience with petroleum based resin and thought that might be the answer to the ship's leaking decks. He contacted E. N. Doyle, a noted consultant in plastics and an old friend of the admiral's.

Doyle, who is working on his third technical book on plastics, studied the situation and determined that epoxy resins would be the best method of stopping the leaks and strengthening rust weakened areas of the ship. He was aware that one of the leading producers of epoxy resins, Shell Chemical Company, had a plant just about two miles southwest of the battleship. When contacted by Admiral Taylor, Shell officials gladly agreed to donate the resin.

Just as the TEXAS was undoubtedly christened with champagne at her inaugural in 1914, she
(Continued on Page 3.)



Crew lifts hydraulic shaft from Pettibone crane with use of similar crane.

AUTOMOTIVE SECTION PERFORMS SPECIALIZED REPAIR JOB ON CRANE

Even cranes need maintenance after heavy work. The automotive section's #4 Pettibone crane was down for repairs for five days recently and members of that section tackled the job of removing the hydraulic shaft.

With the use of a similar crane and a fork lift, the hydraulic shaft was removed by a crew of mechanics. As part of the normal maintenance jobs, on the crane, the hydraulic shaft was remetalized and then put back into operation.

Participating on the job were Jack Downey, H. D. Armstrong, J. J. Kindla, C. R. Perez, and J. H. Coker.

LONG CHANGE, LEISURE TIME AHEAD, PLAN TO ENJOY TEXAS' RESOURCES

Requests have been received by the Shellegraph for suggestions of things to do while employees are on long change or vacations.

Fishing enthusiasts might be interested in the restocking of Lake Lyndon B. Johnson in central Texas. The lake was treated with rotenone April 3-4 to kill existing fish and refilling and restocking efforts by Texas Parks and Wildlife Department fisheries specialists should pave the way for excellent fishing in years to come.

About 200,000 10-inch long catfish have been stocked and later 50,000 channel catfish, 472,500 black bass, 157,500 white crappie and 472,500 hybrid sunfish will be added to the lake.

Historians could plan to attend the annual presentation of "Fandangle," a historical musical depicting the early pioneer history of Albany and nearby Fort Griffin, now a state park, in Shackelford County.

Fandangle is an outdoor spectacle held in its own prairie theater, carved from a hillside one mile west of Albany. It is written, directed, lighted, costumed, sung and danced by Albany residents.

The show was started in 1938 by a group of high school seniors wishing to raise money and has grown to be one of the nation's most ambitious and successful community projects, entertaining more than 10,000 persons annually.

The program will be presented June 17-19 and June 24-26.

Lake Corpus Christi State Park near Mathis is attracting many outdoorsmen. Twenty-five more spaces for trailer campers were recently completed at the park at a cost of \$91,-978. The project included roads, utilities and a sewage disposal system.

E. L. McKNIGHT, SON-IN-LAW SAVE A FISHERMAN'S LIFE AT LIVINGSTON

Cool heads saved the day when E. L. McKnight and his son-in-law, Don Brooks, rescued a fisherman in distress on Lake Livingston during rough weather.

"We had just started fishing late in the afternoon on Good Friday when we saw a man in a flat bottom boat having trouble," said McKnight, Counterman, Shops Stores. "The boat seemed to dip under a wave and then started sinking. Panicking, the man grabbed hold of some limbs sticking out of the water and the boat capsized spilling everything out."

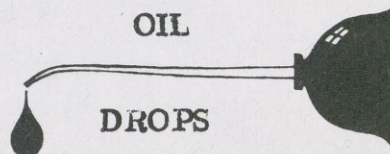
McKnight and Brooks were already on their way when the man started yelling for help. As they hauled him into their boat they found that he was tangled in his own trotline.

"The man tried to pull out a knife to cut the line and accidentally cut his wrist," said McKnight. The rescuers hurriedly tied the boat and electric engine on behind theirs and took the man to shore where they were met by the man's wife.

"They drove off in their car apparently to a doctor," he said. "We never did learn their names."

"Everything happened so fast, the man didn't have a chance to grab a life jacket. He lost everything in the boat; the water was so rough even the life jackets were swept away," he said.

OIL



DROPS

Mrs. Ethel B. Payton, wife of J. D. Payton, Operator #1, Hydroprocessing, has been selected Secretary of the Year of the Channel Chapter of the National Secretaries Association (International).

Mrs. Payton, secretary to Glen Hudson, Vice President/Manager of Briggs Weaver, Inc., has been working about nine years. She rejoined the work force after raising their three children. The Payton's also have a young grandson.

She attended Central High School in Oklahoma City and Jeff Davis High School in Houston. She has also worked with Stewart & Stevenson Company in Houston.

Joan Smith, daughter of retired Instrumentman J. H. Smith, has been named to the honor roll at San Jacinto Junior College.

Eighty-six out of the 7,000 students enrolled at the college were named to the honor roll for the fall semester.

Joan is a freshman majoring in business administration.

Another San Jacinto Junior College student, Cheryl Cardwell, daughter of T. C. Cardwell, Machinist #1, has been selected to the Who's Who Among Students in American Junior Colleges. Cheryl will receive her Associate of Arts degree this month.

Scholarship, leadership service to school and community, and evaluation of future usefulness are criteria used by faculty members in the annual selection of students for Who's Who. Other requirements specify that a student must be a sophomore with a minimum grade average of 2.0.



PROVIDENT FUND NEWS

The following are the Provident Fund valuations:

Equities Fund

March 5, 1971 - \$2.239

March 20, 1971 - \$2.332

Shell Stock Fund

March 1971 - \$50.604

SHELLEGRAPH

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

Mrs. Josie Ochoa--Editor

AROMATICS CELEBRATES A SAFE YEAR WITH ROUND OF DINNER PARTIES



Seated for dinner together were (1), Mrs. Victor Martin, Mr. and Mrs. W. F. Mooneyham, Mr. and Mrs. Lester Havard, Mrs. John Flynt and Mrs. A. E. Reidland. Center were Mrs.

John Garrison and Mr. and Mrs. J. C. Dunbar. Right are Mr. and Mrs. A. E. Reidland and Lester Havard. The second dinner was held last week.

**FIGHTING LADY TO BE PRESERVED--
(Continued from Page 1.)**

was rebaptized in April 1971 with epoxy resin. The ship's crew, including Captain Arthur G. Taylor, U. S. Coast Guard, Ret., and recently hired as the TEXAS' new skipper, began chipping away the rust and pouring on the resin, reinforcing the weaker areas with fiber glass. Even Admiral Taylor was there in work clothes lending a hand.

The admiral said that he knows of six organizations (including the Battleship TEXAS Commission) that are preserving ships for historic reasons. Most of the groups communicate with each other to share tips on the ever-increasing problem of maintenance. Admiral Taylor added that he certainly plans to pass along the word about the resin.

Doyle said that resin was ideal for the repair job. The substance's great strength, flexibility and ease of application will all help to restore the ship as quickly as possible.

The history of the U.S.S. TEXAS is a great one. She was commissioned in 1914 and saw action in the Sixth Battle Squadron during World War I, and fought from the shores of Normandy to the beaches of Okinawa in World War II. After the Second World War, the TEXAS, already an old maid for a fighting lady, seemed doomed for destruction and salvage. However, the people of Texas would not hear of it, and they rallied behind Governor Beauford H. Jester's efforts to save her.

On San Jacinto Day in 1948, the proud lady was decommissioned as the flagship of the Texas Navy, the first ship named after a state to return to that state as a monument.

The Battleship TEXAS Commission, headed by chairman Lloyd Gregory, looks after the ship. The U.S.S. TEXAS is completely self supporting through ticket sales to the approximate 2,000,000 visitors which board her every year. She is open for inspection six days a week, Tuesday through Sunday. A crew of eleven, including the ticket salesman and concession stand attendant, look after her, and many people, young and old from near and far, enjoy her.



At first of two safety dinners for employees were Mr. and Mrs. Jack Boozer, Lynn Case and Victor Martin.



At San Jacinto Inn dinner were Mr. and Mrs. Lee Ridge, Mrs. M. F. Fletcher, Mrs. C. D. Vestal, Mrs. A. Comeaux and Mrs. Gene Stubbs.



Three crewmen use epoxy resin to seal leaks in the ship's deck and strengthen rust-weakened areas. The resin was manufactured at Shell Chemical Company's plant at Deer Park.

ENDING LONG CAREERS, 13 MEN RETIRE TO BEGIN LIVES OF LEISURE



Agnew

Craig

DeHoyos

Gatlin

Hallaman

Jenkins

Mechler



Owen
Race
Roberts
Smith
Tucker
Van Pelt

Farewell functions were held last week for 13 long time employees who retired on May 1.

C. Agnew, Cooling Water Pumper #1, Utilities, retired with 33 years of service. He and his wife, Janice, live at 6903 Finch, Houston.

E. E. Craig, Stores Representative, Purchasing Stores, had a total of 34 3/4 years of service. He and his wife, Ruby Mae, will make their retirement home at 805 Bluebird, Pasadena.

B. DeHoyos, Effluent Treater, Utilities, retired with 33 2/3 years service. He lives with his wife, Pauline, at 7538 Avenue K, Houston.

L. N. Gatlin, Painter #1, Engineering Field, had 21 1/2 years of service. He and his wife, Shirley, reside at 1814 Miami, Pasadena.

J. C. Hallaman, Senior Engineer, Expansion Construction, had 25 years of service upon retirement. He and wife, Julia, live at 2514 E. Austin, Pasadena.

O. S. Jenkins, Senior Engineer, Technological, retired with 26 years of service. He and his wife, Wann, make their home at 333 Irene, Deer Park.

E. G. Mechler, Welder #1, Engineering Field, had 22 2/3 years service. He and his wife, Ida Mae, will make their retirement home at 6830 Cayton, Houston.

T. H. Owen, Engineer, Expansion Construction, had 20 1/2 years of service with the company. He and Doris, his wife, live at 7934 Wilmerdean, Houston.

L. B. Race, Engineering Foreman, Engineering Field, retired with 29 years of service. He and his wife, Florence, live at 7518 Magnolia, Houston.

A. Roberts, Sample Carrier, Refinery Lab, retired with 26 1/3 years of company service. He will make his retirement home with his wife, Hattie Lee, at 11322 Bay Cedar, Houston.

D. B. Smith, Senior Engineer, Economics & Scheduling, had 38 years of service upon retirement. Dave and his wife, Bernice, live at 2104 Harper Drive, Pasadena.

J. C. Tucker, Inspection Supervisor, Expansion Construction, had served the company for 24 years. He and his wife, Evelyn, live at 1301 Dwinnell, Baytown.

D. E. Van Pelt, Jr., Senior Engineer, Expansion Construction, retired with 24 years service. He resides at 9607 Link Meadow, Houston.

CLASSIFIEDS

FOR SALE

House in Deer Park, 2 bedroom, 1 bath, 1 car garage, close to shopping center, bank, schools.

Telephone: 479-2442 after 6

1970 16' Cuachita boat, 60 hp. Evinrude motor & boat trailer. Live bait well & storage box with vinyl cushion seat lids. Two captain chairs, remote controls & rod holders.

Telephone: 473-4042

26" boys Schwinn bike, \$15; 24" girls bike, \$5. Singer button-hole attachment, \$7.

Telephone: 681-3779

'69 Olds Delta 88 Royale, loaded, 25,000 miles, extra clean.

Telephone: 944-9503

1969 Great Lakes 10'x50' 2 bedroom mobile home, \$2595.

Telephone: 479-2083

1965 Delta Oldsmobile sedan, full power & air, good tires, \$950 or trade for vacant lot.

Telephone: 664-1314

House--217 Sylvan St., LaPorte, central air & heating, living room, large dining room, two bedrooms and bath, paved street, near water and park, \$18,000.

Telephone: 471-4220

1966 Sears Frostless refrigerator freezer with ice maker, 11.1 cu. ft. food section, 3.0 cu. ft. or 105 lb. freezer, 5 years old, browntone, opens left to right, like new, bought for \$400, sell for \$200.

Telephone: 472-0018

Mini bike, 3 1/2 hp, excellent condition, \$95.

Telephone: 422-6313 after 5

12 ft. flat bottom aluminum Jon-boat, good condition, \$65.

Telephone: 472-2025

Buffet mirror, \$30, steamer trunk, \$25. bird cages, 50 cents each, staircase with railing, \$50.

Telephone: 472-8445

Antique dining room set, 3 chairs, 1 captain chair, table, hutch & buffet, beautiful wood, approx. 50 years old, \$350.

Telephone: 946-6981 or 946-5863

Ford '67 Galaxie 500, power, air, auto, \$995.

Telephone: 453-0231

1965 Dodge truck fleetside, 6 cyl. s/s new tires, good truck, \$600.

Telephone: 473-0408

WANT TO BUY

9 1/2 hp. to 18 hp. outboard motor, 14' or 16' semi-V aluminum boat.

Telephone: 681-3779