



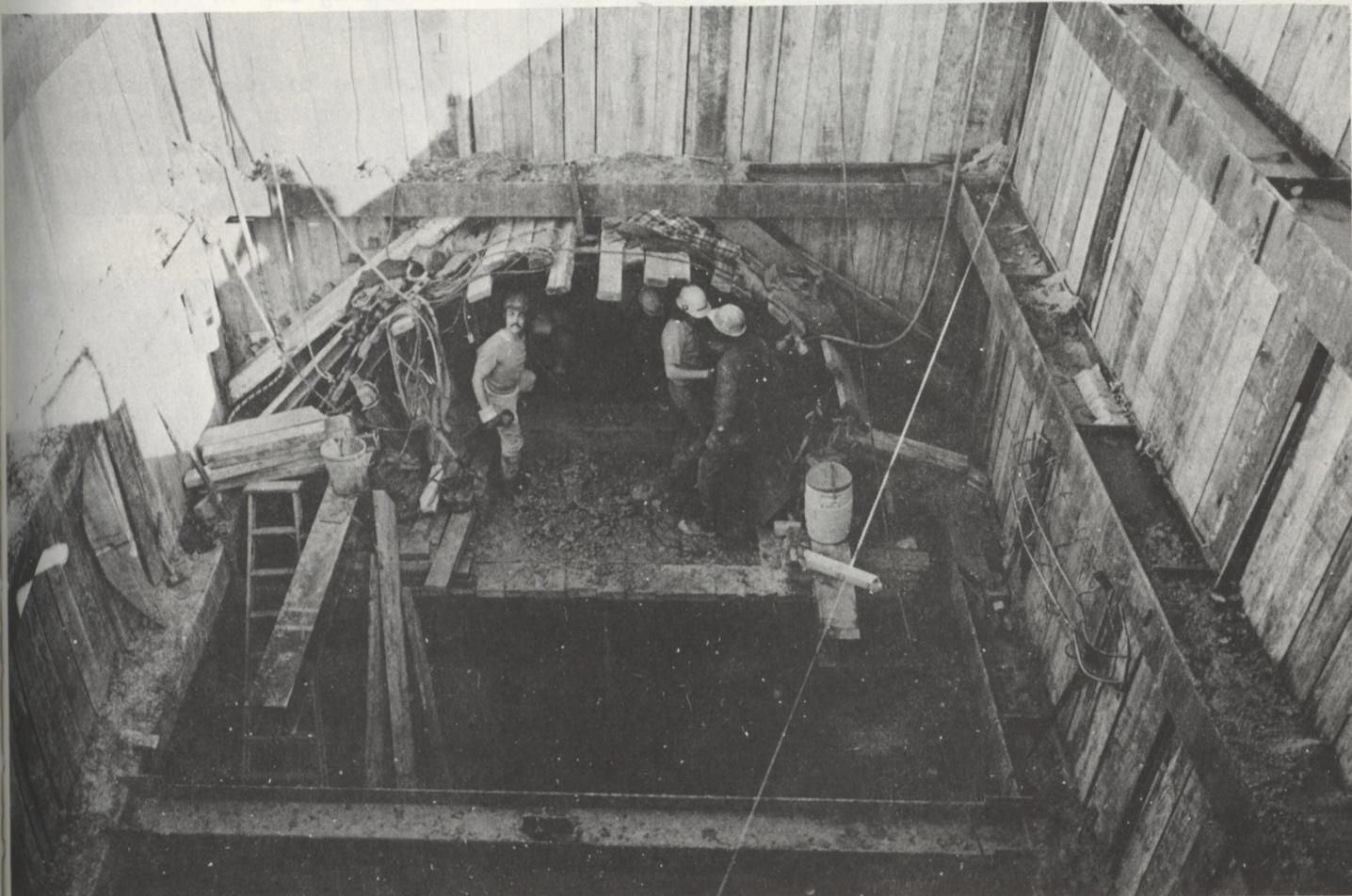
Shellegram

Deer Park Manufacturing Complex

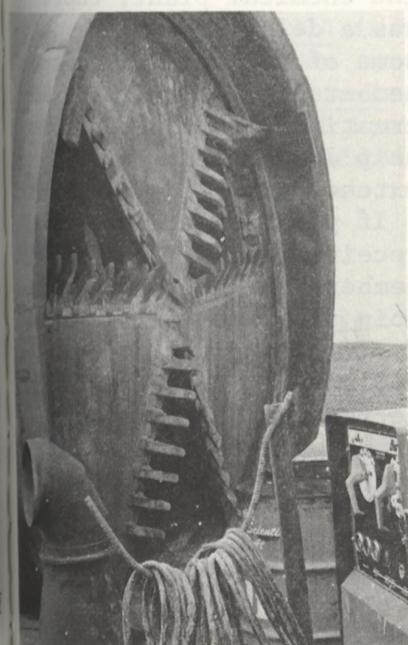
Thursday, March 6, 1975

Vol. 40, No. 9

SURFACE WATER DISTRIBUTION SYSTEM NOW UNDER CONSTRUCTION



This is what you would see if you were at the top of the hole looking down. The large tunnel being dug will go beneath the Shell service station and part of the OP-II tank farm area.



This is the mechanical "mole" that is digging the tunnel for the 96" I.D. line that will supply the Complex with surface water from Lake Livingston.

Undoubtedly you've noticed the construction activity taking place near the entrances to the Complex, down Highway 225 and along the San Jacinto Monument area. All of this activity is part of a master plan to provide surface water for Houston area industry and municipalities through the construction of an artificial river.

This artificial river or distribution system is being constructed by the Coastal Industrial Water Authority which is an arm of the City of Houston created by the State Legislature to permit Houston to develop surface water systems.

The surface water is released from Lake Livingston into the Trinity River where it is pumped at Moss Bluff into a 125-foot wide canal that flows west for 22 miles

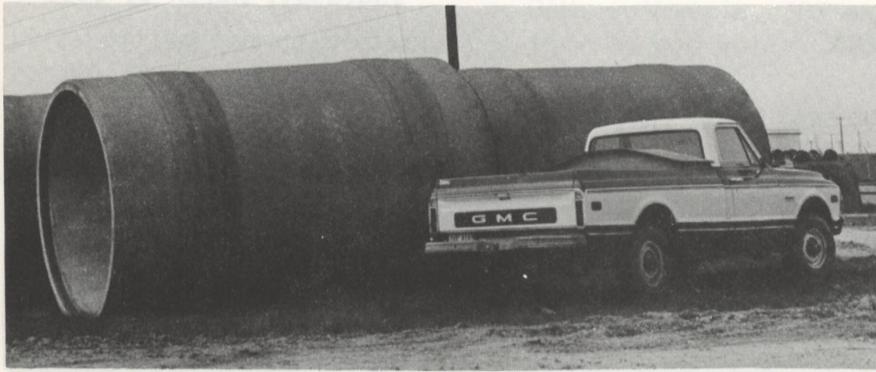
to a 230-acre reservoir at the Lynchberg Ferry crossing.

From there the water is pumped under the Houston Ship Channel through three nine-foot in diameter pipelines which divide up into a high and low pressure system. As indicated on the map, two supply arteries are currently being constructed. One to serve the Bayport-Nasa area and the other to proceed west along the channel to serve the industries.

The activity you see going on in front of the Complex is the installation of the 96-inch I.D. line which will serve Shell. The pipe which is big enough for a pickup to drive through without touching its sides is now in the process of being installed and will pass under the Shell service station adjacent to the refinery

(Continued on page 2)

surface water distribution system now under construction



Just for comparison, note that the GMC pickup could easily fit inside the concrete pipe that will be installed in the tunnel now being dug in front of the Complex.

Below is how the tunnel will look from the inside facing out. Note the railroad tracks which are used to haul loads of dirt out for hauling away.

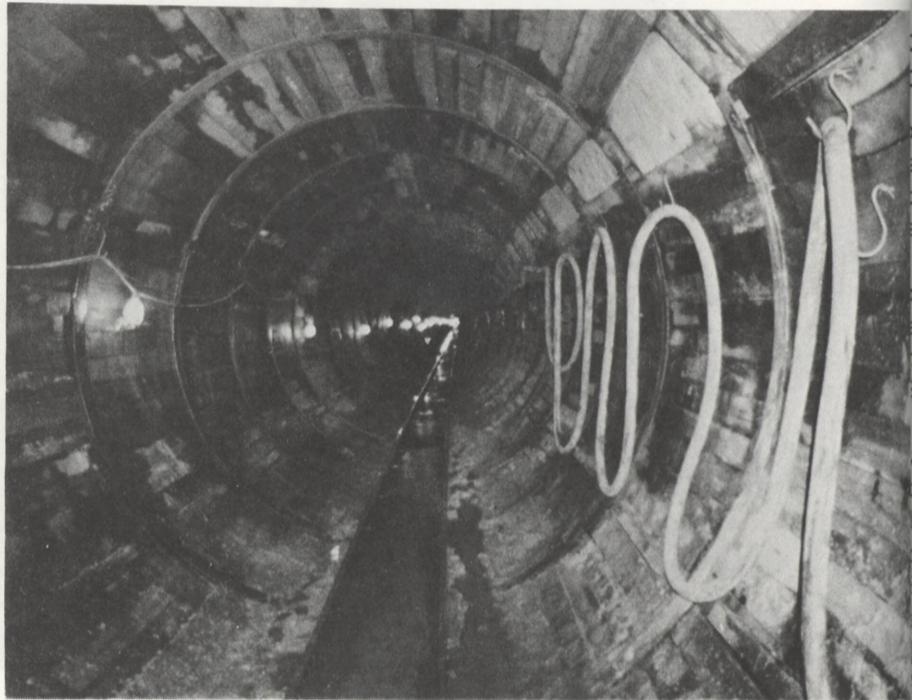
entrance and the OP-II tank farm area in a 1200-foot long tunnel.

The tunnel is being dug by a mechanical "mole" which is directed by a laser beam to prevent any contact with other underground lines.

When the line is completed, Shell will be in a position to supplement the surface water it has been taking since 1955 from Lake Houston and to reduce even further its use of well water. Final completion and operation of this distribution system will be a major step in reducing land subsidence and in improving ground water levels in this area.

According to Hank Lewis, manager, Engineering Office, "The Trinity distribution system should be completed and in service by the early part of 1976."

Until then, you will con-



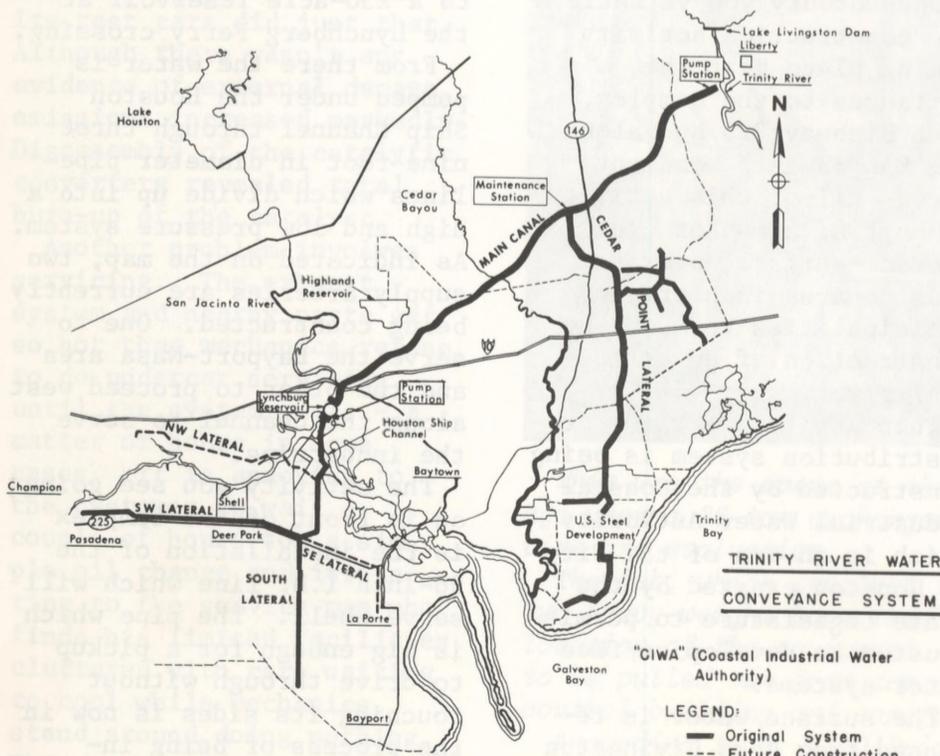
tinue to see lots of activity in the area. Fences will be moved and tunnels will be dug until at last the project is complete.

CLUB MEMBERSHIP DEADLINE EXTENDED

Attention all employees! Due to the recent fire at the chemical plant, there was a delay in mailing out some of the applications for membership to the Shell Recreation Club so the membership deadline has been extended to Friday, March 12.

If you misplaced or didn't receive the application for membership and you wish to join the club, all you need to do is make out a check for \$10 payable to the "Shell Recreation Club" and send it along with your name, badge number and number of your children under 21 years to Shell Chemical Plant, P. O. Box 2633, Deer Park, Texas 77536.

You may also submit an entry to the "Name the Club Contest" as the Board of Directors has decided to extend the contest's deadline to March 21. If your entry is the winning one, you'll (Continued on page 3)



The above map will give you some idea of how extensive the lines will be when completed.

25-YEAR SERVICE ANNIVERSARIES



B. K. Boyd
"A" Department

H. Hagin, Jr.
Maintenance

W. W. Washington
Maintenance

Club membership deadline extended

be the proud owner of a \$50 savings bond. In case of a tie, the winner will be selected by a drawing.

So, get out your check book and thinking pad and enter your club name choice now. Who knows, you may be \$50 richer - come March 21.

Whether you win or not, you'll be eligible to purchase tickets to many of the local theatres at a discount rate plus enjoy many other Houston social activities at a discount - all because you joined the recreation club. Already plans have been made for a shrimp boil this coming September. And, there's more to come!

ANNUAL REPORT NOW AVAILABLE

The Annual Report 1974 is now available. It comes with a separate Statistical Supplement booklet which has been issued to provide additional information on the financial and operating progress of Shell Oil Company.

If you are interested in having a copy of these publications, please contact the editor, Bell ext. 301 or drop by and pick up copies.



"What in the world did you do with your pajama tops this morning?"

SHELL ORDERS 35 MORE WINDMILLS

Experiments that began in March of last year have proven that windmills and solar energy converters can be reliable alternative power sources for Shell's unmanned production platforms in the Gulf of Mexico.

Not only did the test units perform satisfactorily, the windmills even survived Hurricane Carmen's 130-mile-an-hour winds last year.

The test windmills, generating up to 48 watts of power, were used to run lights and foghorns on offshore platforms. The solar energy converter, capable of producing three watts of power, was used on a platform which has only lights.

The experiment proved so successful that Shell is ordering 35 more windmills and 50 additional converters. In time, widespread use of the units might save as much as a third of a million dollars worth of energy annually.

Dick Witcher, project coordinator for the Offshore Division's alternate energy program quotes the figures: "Each windmill will replace from 10 to 30 storage batteries, depending on the amount of power needed to run a particular platform's horns and lights. And we had to replace those batteries at least once a year in the past.

"So when you consider the amount of energy it takes to make the batteries - and add the manpower, transportation and related effort needed to change them - you can see we are conserving a significant amount of energy."

The electrical requirements

are relatively small on the unmanned platforms, as contrasted with the manned ones. In deeper waters, an unmanned platform must have a foghorn that blows for two seconds, then is off for 18, and then blows again. It must have lights that blink on for three-tenths of a second, then off for the other seven-tenths. In shallow water, only the lights are required.

On the basis of Shell's experience thus far, the wind and the sun will supply those electrical requirements nicely, and quietly, and cleanly.

SKIPPER'S COURSE IS POPULAR

The popularity of the Texas Skipper's Course is still riding high, according to Texas Parks and Wildlife Department Water Safety officials.

The program, which began January 1, 1974, has resulted in the free distribution of more than 59,000 copies of the home-study recreational boating course.

The course has been promoted through announcement cards in boat registration renewal notices and articles in TEXAS PARKS & WILDLIFE magazine as well as through the SHELLEGRAM.

Copies of this popular boating safety course are available from "Skipper's Course," John H. Reagan Office Building, Austin, Texas 78701.

There is no charge for the publication, but it is requested that only one booklet per family be ordered.

TRAINING CLASSES HELD FOR NEW EMPLOYEES



Training Classes 52 and 53 take time for their class picture.

Class 52, on the left, consists of: (kneeling) John McGee, instructor F. R. Curtiss and Chuck Harris.

Standing in the first row are: William Svoboda, Jim Howard, Dave Biddle, Victor Rebeck, Rick Springman, Wayne Dominy, Donald Mather, Richard Sellers and John Walls.

The back row consists of: Bill Henry, Mel Johnson, Donald Dean Collins and Ben



Jackson.

Class 53 was made up of the following: (kneeling) A. P. Delossantos, Jr., Richard L. Escobedo, Donald R. McQueen, Lenzie L. Butler, Charles D. Gallops and Alex Salinas.

Standing in the first row are: instructor A. P. Augustine, Damon Buster, Alvin Masse, Gilbert Bailey, James Saffell, Marcos Palacios and Johnny Holmes.

The back row consists of: Raymond E. Castillo, Lynell Lockett and Nick Robinson. Welcome to the complex, fellows!!!

CLASSIFIEDS

FOR SALE

1967 Chevy pickup LWB, 6 cyl., home-made cover, standard. \$650. 473-4219

1967 VW, air, excellent condition. \$825. 487-0601

1974 Nova 2-door, V-8, automatic, air. Balance due or best cash offer. Fenders and hood for 1955 Chevy. 946-2040

1972 Buick Electra 225, loaded including cruise control, 40,000 miles. \$2,595. 479-1295 after 4 p.m.

1968 Plymouth Fury III, 318 engine, 4-door H/T, power steering, brakes and air, auto transmission. \$850. 473-3743

1970 Bel Air Chevrolet. \$1,150. 946-8834

Barbeque grill with plastic cover. \$5. Large circular concrete slab; perfect for strawberry barrel. \$1. 471-5365 after 5 p.m.

16' Lamor boat, 40 hp Johnson, big wheel trailer, lots of extras, real nice condition. \$550. 473-0707

Auto tires - 3 new F:70:14 Tiger Paw raised white letters; 1 used F:70:14 Tiger Paw w/w like new. New \$45 each. \$110 for all four. 946-6273

1970 Williamscraft 17' travel trailer in excellent condition, self-contained air. \$1,350. 472-4203

FOR SALE OR TRADE

Like new gas range. 781-5534

FOUND

Set of three keys on wire the West Parking Lot. Call at the SHELLEGRAM office.

PERSONAL

It is with mixed emotions and deep appreciation that I leave Shell Research. Words are inadequate in expressing my thanks to everyone who had a part in my retirement party. Thanks and the best of everything for each of you. Eleanor and I will be somewhere between Pasadena and Lake Burleson near Fairfield.

- R. A. "Pete" Wilpitz

SHELLEGRAM

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Mrs. Dotti West - Editor

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