

Shellegram

Deer Park Manufacturing Complex

Thursday, December 5, 1974

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AIR FLOTATION METHOD USED TO MOVE TANKS AT THE DEER PARK COMPLEX

A unique and novel method of moving tanks is being used here at the complex to relocate several tanks during the next 18 months. This unique method utilizes air pressure to float the tanks from one location to another. According to John Nepveux, senior engineer, Major Projects Group, "This method has been successfully used to move numerous tanks in Europe, but only once before in the continental U.S. - in Milwaukee, Wisconsin."

Developed by Air Cushion Equipment LTD of England, the air flotation method is licensed in the U.S. only by Frank W. Hake, Inc. of Philadelphia. "It's not new to them, but it is new to us," says Nepveux.

The tanks to be relocated range in diameter from 120 to 144 feet and have capacities from 80,000 to 118,000 barrels each. At 500 tons, G-320 is the heaviest tank being moved. It was also chosen to be the first tank moved as part of the site clearance program for future chemical plants which is now underway.

ADVANTAGES OF AIR FLOTATION

There are several obvious advantages to using air



Worker carefully separates each individual segment as air is being pumped into them and under G-320.

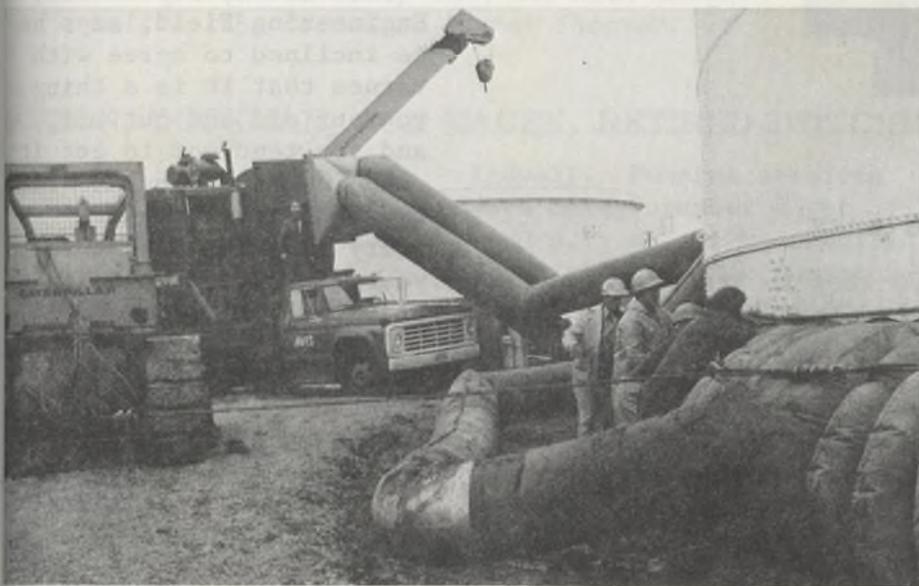
flotation over water flotation. Air flotation eliminates the need for large amounts of water; you don't have to build dikes; and, there isn't any lengthy

waiting period while the ground dries out. The air method does away with the need to burden our effluent system with waste water after a tank move. A big plus for air over water is the elimination of the dry period once the tank has been relocated. Work crews can move right in and install piping as soon as the tank settles down on its new foundation.

WHAT MAKES IT FLOAT?

The tank is completely surrounded by a segmented skirt affair which is clamped to the lower portion of the tank. Then air is pumped into the skirt until each segmented section is filled and the excess air goes under the tank where it is contained. The lower edge of the skirt is held down by

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Large, truck-mounted air blowers shown as they pump air into the segmented sections, which will be utilized in moving the tank 170 feet to its new location.

WELCOME TO DEER PARK MANUFACTURING COMPLEX



J. H. Tomfohrde
Superintendent Operations-East
Administration

H. G. Wilson
Superintendent Utilities
Administration

E. J. Ulmer
Manager Services
Purchasing



Lori Conover
Receptionist
General Services

N. Dell Magness
Stenographer
General Services



Dianne S. Buckley
Typist
General Services

Janice Bourgeois
Teletype Operator
General Services



Audra Wood
Senior Stenographer
General Services

Sharon K. Beall
Stenographer
General Services

WHEN WAS THE LAST TIME YOU HAD A PHYSICAL

"A physical like that would cost you \$100 outside the plant," commented boilermaker H. L. Varnes to Bill Ervin after he returned from having a free physical given by the Medical Department at the complex.

Varnes was one of the first to take advantage of the free and voluntary physical being offered to all employees who meet the following criterion:

- at least three years of company service,
- if under 40 years of age, that at least three years have elapsed since your last Shell-paid-for physical, and if over 40, that at least two years have elapsed,
- that you are not a participant in the occupational exposure programs, such as Benzene or VCM, as they already received a yearly physical of a similar nature.

Bill Ervin, supervisor, Engineering Field, says he is inclined to agree with Varnes that it is a thing you put off and put off, and you tend not to get it done when you should. This way you get a reminder every two years (or three years if under 40) to have it done.

So, if you have been debating on whether or not to have the physical, you should consider that the physical is complete. If you do have a minor problem, such as a tendency to anemia, it will be discovered and you can then take the corrective measure to prevent its getting any worse.

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air flotation method used to move tanks

a collar to which each segment is fastened.

On G-320, which weighs 500 tons, the air pressure required to lift the tank 12 inches above the ground level is 0.4 lb/sq inch. That's less than 1/2 lb/sq inch in lifting pressure.

Three truck-mounted blowers are used to fill the skirt and the area under the tank with enough air to float it

170 feet to its newly prepared foundation. There will also be a stationary power winch to pull the tank into position on its foundation.

D6 bulldozers will be used to control the positioning of the tank along the path to its new foundation. The air flotation method is capable of speeds up to four miles per hour - that's equivalent to a fast walk for a long-legged Texan.



Enjoying their salads at the Dispatching Safety Party are D. P. and Irene Finn, G. Anderson and George Cosentini.



DISPATCHING - ENGINEERING OFFICE - SURVEYORS

SAFETY PARTIES HELD



Roy Schroeder, Charlie and Evelyn Stebbins are all smiles, while D. P. Finn, K. W. Williams and D. A. Carter proudly display their beards. To the left, P. E. and Opal Carter join with Gay and A. B. McNair



for a before-dinner chat. U. M. Tomlison and B. E. Daniels are ready for the meal to be served.



On the left, we find fellow surveyors Jerry and Rosalie Kuntz, Noel Vaughn and Hank Krebs reflecting their enjoyment of the delicious steaks.



Engineering Office couples Ann and Ed Fielder, Brenda and David Burleson, Hank and Ruth Nannen had a ball at the Dean Goss Dinner Theater.

JACKSON, DOCKMAN, AND MACEK, RETIRED SWITCHMAN, DIE

Elbert R. Jackson, 44, died November 22 after a short illness. Jackson had some 20 years with the company at the time of his death.



at H. Foley Chapel on

He was a dockman in the Dispatching Department.

Funeral services were held at the

Tidwell. Funeral services were held November 23 at 1:30 p.m. at the Brookshire Memorial Garden in Houston.

Jackson is survived by his wife, Beth Ann, who lives at 9034 Linda Vista, Houston.

Ed W. Macek, 61, retired switchman No. 1, Engineering Field, died November 29.

At the time of his retirement in February of this

year, Macek had some 27 years of company service.

Funeral arrangements were handled by the Forest Park Chapel in Houston with services at 10:30 a.m. December 2.

Macek is survived by his wife, Bertie, who resides at 402 Ahrens Drive, Houston.



physical . . .

The physical is being offered as a benefit to the employees and is not intended to take the place of a regular physical by your personal physician. As a matter of fact, the results of your physical will be given to you to give to your personal physician or for your personal files.

Remember, the physical is voluntary, and if you should make an appointment and not be able to keep it, your name will automatically be put at the bottom of the list for another appointment, which may be a year away. Also, since it is voluntary, you will not be reimbursed should your physical be done outside of regular working hours.

New due date for ads
RULES FOR
SUBMITTING ADS

Readers are reminded of the rules for submitting ads for free publication in the *SHELLEGRAM*.

- Ads are published for complex employees, pensioners and families only. Advertiser must be owner and not agent or dealer.

- All ads must be *submitted in writing* stating item, price, advertiser's name and home telephone number. Forms are available at the receptionist's desk and the *SHELLEGRAM* office.

- Deadline for submitting ads is *Monday afternoon*.

- Mail ads to the *SHELLEGRAM* or bring them to Room 103, Main Office Annex.



"Along with our profit-sharing plan, Holian, we're starting a new one: a 'work-sharing' plan!"

CLASSIFIEDS

FOR SALE

1966 Dodge Coronet, standard transmission, new battery, rebuilt engine in good condition, body needs work, good work car. \$150. 479-3961 after 5 p.m.

1970 Bultaco Matador, 250 cc. \$450. 472-3018

12½' house trailer in very good condition, 110v, butane lights, 3-burner stove, ice box, sink, self contained, makes two twin beds, spare tire. \$550. Two trailer fender mirrors. \$8. Set of car top bars. \$5. 926-4392

9.6 hp Sea King outboard. \$225. Foot operated trolling motor, Shakespeare DJ-888, never used. \$125. 479-2163

65,000 BTU Dearborn wall heater. Two-speed fan. Set up for LPG. \$100. 389-2360

23" Philco b/w TV in good condition. \$40. Fashion Manor adjustable, lock-seam curtain rod. \$2.50. 471-5365 after 5 p.m.

King-size headboard in blue velvet tufted, like new. \$65. 479-6946

Gas stove. \$35. Mini dryer, needs belt. \$35. 479-2070

Coppertone G.E. electric single oven and rangetop in ranch-style cabinets. Used 3 years and in excellent condition. \$150. 488-7001

Four 1-1/3 square bundles, 240# Phillip Carey Commander composition shingles, white. One roll 15# roof felt. Reasonable. 473-0635

48" attic fan with louvered intake and timer switch. \$75 or best offer. 921-0943 after 5:30 p.m.

1971 Delta 88 Custom, all power, brown with vinyl top. 643-2893

One year old Kenmore automatic portable dishwasher with cutting board top in excellent condition. \$175. 333-2261 after 6 p.m.

Sears 36" gas range. \$70. Sears washer and gas dryer. \$30 each. Dinette with 4 chairs in good condition. \$50. 479-9866

Honda Trail 70 with helmet and luggage rack, 1,200 actual miles. \$250. 479-9866

Friedrich 1½ ton window unit. \$60. 479-9866

11-piece outside nativity scene and accessories. \$50. 472-5988

Front door, 30"x6'8". \$5. Louvered mahogany doors, 4'x6'8". \$20. 472-5988

FOUND

There are still several keys to homes and cars that have not been claimed at the *SHELLEGRAM* office. A blue scarf is still unclaimed.

SHELLEGRAM

Published by Shell Oil Company for its Deer Park Manufacturing Complex employees at Deer Park, Texas.

Mrs. Dotti West - Editor

Reprints allowed only by request. To submit news and photographs, call extension 301 (Bell) or send material to Room 103, Main Office Annex.