

Shellegram

Deer Park Manufacturing Complex

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SO ALIKE, YET SO DIFFERENT

Can you imagine two similar liquids having boiling points within a degree of each other and yet with freezing points 120 degrees apart?

This is the case with two of the three xylene isomers, paraxylene and metaxylene; therefore, they cannot be separated through conventional distilling methods. Instead they must be cooled until the paraxylene begins to freeze at which point the paraxylene crystals can be separated from the remaining liquid. This separation is accomplished with a device called a centrifuge. These centrifuges are "affectionately" referred to as

the "Birds." They are manufactured by Bird, mentioned in the daily orders by (secretary Imogene) Byrd and taken care of by (operator O. T.) Wren!!

"Still, the paraxylene isn't pure enough, so a second stage of crystallization is used to obtain the final purity of 99.5 percent," says Ron Madsen, Aromatics-East process manager.

The feed for the Paraxylene Unit (PXU) and Orthoxylene Unit (OXU) is obtained from Aromatics-West in the form of a mixed aromatics stream containing the three xylene isomers: orthoxylene,

paraxylene and metaxylene, plus ethyl benzene and a heavy aromatic fraction.

The job of the PXU and OXU units is to recover the xylenes in essentially their pure form with the residual material being used as solvent xylene and cyclosol concentrate. Before the paraxylene/metaxylene separation is made, high purity orthoxylene is recovered by

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SHELL ANNOUNCES NEW RETIREMENT COUNSELOR

A lot of things have changed since the early '60's. Tax laws have become more and more complex, benefit plan provisions are different, Provident Fund settlements have increased significantly. All these make it somewhat difficult for the retiring employee to evaluate all of his or her options.

In order to provide more assistance to retiring employees, Shell is making available the services of a retirement counselor, who has been trained in all aspects of the company's retirement plans and benefits.

These counselors will also be knowledgeable about other matters relating to retirement, such as Social Security and other plans and benefits having a bearing upon retirement.

The retirement counselor for the DPMC is Earl E. Fitzjarrell, Jr. Earl has been with Shell's Employee Relations organization for the past 21 years, starting in the old Tulsa EP area.

When Tulsa merged with Denver in 1959, Earl went along. In 1968, he went to

New York as an employee representative and supervisor of Policy and Benefits. One of Earl's functions at this time was to do all of the retirement counseling for Head Office employees, and he will continue to do this.

The role of the counselor

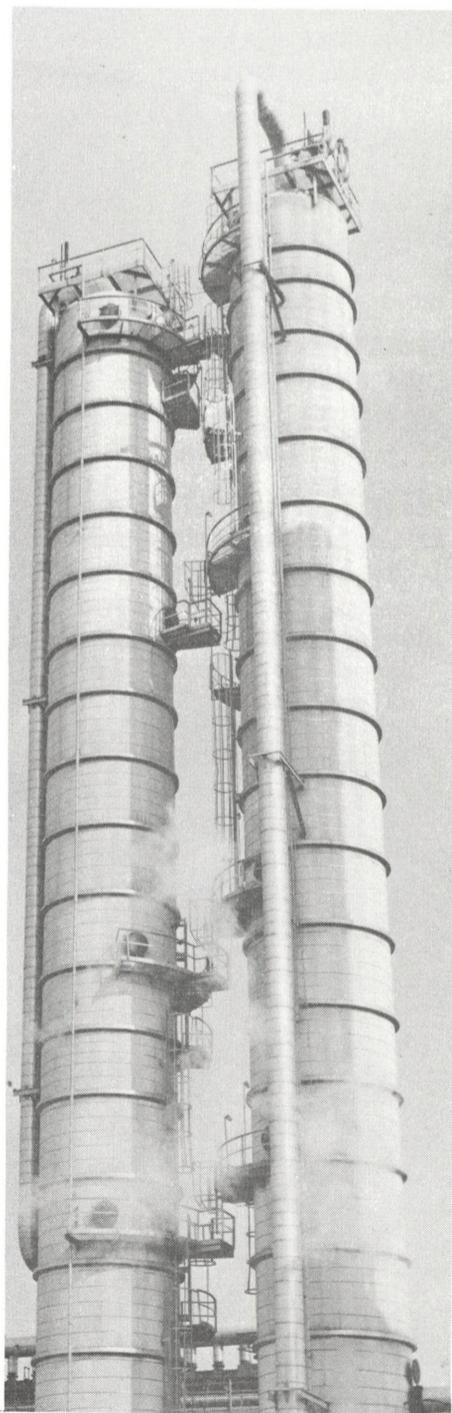


Earl E. Fitzjarrell, Jr.

is to meet with retiring employees, counsel them on the various options open to them and to point out tax and investment questions that the retiring employee should look into.

Earl is available now to any DPMC employee who is considering retiring within the next year or so. He says he'll be glad to meet

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These are the stacked columns containing 132 trays, which is four times the average column.

JUST DOING WHAT HE CAN GETS THE JOB DONE



"I just do what I can in the shop," says retired automotive foreman G. J. "Tony" Blanyer, as he discusses his multi-faceted life since retiring from the refinery almost 17 years ago.

Just doing what he can in the shop results in nick-knacks, bookends and ash-trays made out of oyster shells, clipper note holders and most recently a shrimp cleaner designed and made by

Tony. Money from the shrimp cleaner sales helps supplement the Blanyers' income.

And, Monday he has an appointment to fix his doctor's sink. Tony feels that there's plenty of work to be done if a fellow isn't lazy. He says, "You can make money just by buying two good lawnmowers and cutting grass."

Tony's money maker is the shrimp cleaner he designed and cuts out of plastic. They are sold by various fish markets in the Bayshore area. A recent Saturday telephone call resulted in an order for five dozen shrimp cleaners, and while out delivering these, he sold an additional 18 dozen.

Not bad for a part-time hobbyist.

Tony's interest isn't entirely in his shrimp cleaner sales. He is a very versatile "young" man. Anyway, he says he has lots of fun - especially considering he's now 75.

"I'm really enjoying life in my retirement because of my many friends gained over the last 40 years in the area. When I was sick, friends from as far away as
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OSCAR MENDEL DIES

Oscar H. Mendel, retired engineering foreman, Engineering Field, died January 4 at age 65.

At the time of his retirement, Oscar had 36 years of company service.

Funeral services were held at Forest Park Lawndale in Houston.

Burial was in Forest Park Cemetery.

Oscar leaves his wife, Julia, who resides at 6942 Narcissus in Houston.



So alike, yet so different....

distillation; however, since orthoxylene also boils within a few degrees of metaxylene, a pair of stacked columns are required to achieve the separation. The

net effect of the stacked columns is a one with 132 trays. This is almost four times the 35-40 trays found in a typical distillation column.

lene plans to utilize it in the manufacturing of pop bottles soon to appear in the marketplace.

Aromatics-East also includes Platformer No. 2, which is a semi-regenerative catalytic reformer using hydrotreated naphtha to make high octane components for gasoline blending, and Hydro-treater Unit No. 1 (HDU-1), a swing hydrotreater which can process naphtha for platformer feed or distillates to produce finished jet fuels.

"Catalytic reforming and hydrotreating units are found in most modern refineries and in several of the Deer Park Manufacturing Complex operating departments," says Ron, "however, PXU and OXU aren't." As a matter of fact, Ron is quick to point out that the Paraxylene Unit is the only Shell unit in the United States and one of two within Shell world-wide. The other being located in Godorff, Germany.



Hourly foreman Wayne V. Callaway points to the level of the propane compressor suction drum, while operator Hubert N. Harrell makes the appropriate adjustment. The drum had been foaming over.

The orthoxylene and paraxylene are intermediate products and eventually appear on the market in more familiar forms. Orthoxylene, produced by Aromatics-East, makes up 13 percent of the domestic production and ends up as a plasticizer in making PVC coatings for raincoats, overshoes, etc.

Paraxylene is used in making resins, plastic film and polyester fabric. One firm that purchases paraxy-

FIVE EMPLOYEES BEGIN THE LIFE OF A RETIREE



Billingsley



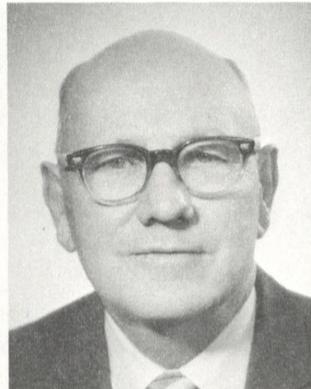
Curtiss



Gibson



Isham



Julian

Five employees with 30-plus years of company service have recently retired from the complex.

They include:

Tommy L. Billingsley, 65, engineering foreman, Engineering Field.

Tommy has 40 years of company service and will make his retirement home at 2307 San Jacinto in Pasadena with his wife, Hattie.

F. R. "Babe" Curtiss, 65, training representative, Employee Relations, is retiring with almost 42 years of company service.

He and his wife, Earline, will make their retirement home in Crosby.

Virgil T. Gibson, 62, engineering foreman, Engineering Field, retires with almost 33 years of company service.

Virgil and his wife, Peggy, will make their home at 427 Guada Coma Drive in New Braunfels.

Homer L. Isham, 60, chief engineer, Administration, is retiring with 37 years of company service.

He and his wife, Kathleen, will make their retirement home at 1447 Davon Lane in Houston.

Dennis R. Julian, 61, senior inspector, Engineering Services, is retiring with almost 34 years of company service.

Dennis and his wife, Eunice L., will reside in Lovelady, Texas.

MAJOR EXPANSION UNDERWAY AT DPMC

Construction companies recently moved to the field on two major DPMC expansion projects.

The Pullman Kellogg Division of Pullman, Inc. broke ground on a 500-million-pounds-a-year phenol plant, and Brown and Root, Inc. moved to the field on an olefins expansion which will increase the complex's ethylene production capacity by more than 1.5 million pounds a year.

The phenol plant will be the world's largest and will

provide raw material for Shell's epoxy resins, which are used in a wide range of products including coatings, electrical components, adhesives, fiber reinforced pipes and tanks.

Ethylene is a building block chemical used in the production of plastics, synthetic fibers and a wide range of consumer goods. In addition to ethylene, the olefins expansion will produce high octane gasoline, propylene, butadiene and benzene.

Shell announces new retirement counselor....

with any retiring employee and their spouse to consult on the various facets of retirement; however, all decisions will be left entirely up to the employee. The time and place of the interview between Earl and the retiring employee is pretty much up to the employee, as Earl is willing to meet them almost anywhere at any time. It is also up to the retiring employee as to whether or not their spouse should be invited to attend the

counseling sessions. Earl thinks it's a good idea to have the spouse present, but it's the employee's decision.

So, if you're planning on retiring, check with Earl. Chances are he will be able to provide information that will assist you in making those all-important decisions to suit your specific needs.

Earl can be reached at One Shell Plaza, room 1054 or by calling him on 220-5059.



"How about some interest in a crisis that's developing right here in our living room?"

CLASSIFIEDS

FOR SALE

Craftsman 3/8" variable speed portable drill press, model 315-11970 and vise. \$60.

861-9855 after 6 pm

Solid pecan bedroom suite with queen-size bed, double dresser, mirror, 5-drawer chest, includes mattress cover, spread, drapes and velvet valances. \$500. 479-4072

Just doing what he can gets the job done. . . .

Beaumont and Bay City came to see me." Not only did his friends come to see him, they sent two boxes of cards as well. "Living with people is half of life," says a suddenly serious Tony, and he should know as he has spent most of his life with and doing for others.

Right now he is involved in helping with South Vietnamese refugees, who have arrived in the Houston area with little or no means. Tony has helped them locate jobs and find a place to live. The refugees lovingly refer to him as "daddy" and their children call him "granddaddy."

Starting with a first-grade reader, Tony is currently concerned with teaching an elderly Vietnamese lady English.

His efforts in their behalf resulted in a May 11 Houston Post front-page story. But making the front page of the Houston Post wasn't the thrill it would be for most of us, as Tony used to write regularly for the South Texas Citizen newspaper and the Small Stock magazine back in the '40s when he was actively involved in the raising and showing of Checkered Giant rabbits.

It's easy to see why Tony's life has been and is filled with things to do and places to go. His deep and abiding concern for others has kept him far too busy to find time to feel lonely or unwanted.

Quarter acre Lake Livingston lot with 400 sq ft cabin, air, heat, built-ins, all electric. \$4,500. 477-4538

Two Montgomery Ward stereo record players. \$20 each. 472-1138

Clarinet. \$40. Antique Singer sewing machine, treadle type. \$50. 643-8131 after 5 pm

Four 1-month-old toy poodle puppies, no papers. \$25. 339-1656

1974 Honda MT Elsinore in excellent condition. 473-6624

1975 Penton 175 dirtbike, new, never ridden, won in contest. \$1,350. 943-1860 after 5 pm

1974 Vega Hatchback, 19,000 miles, excellent condition, AM/FM radio, std. transmission. \$1,875. Sailboat, 12½' AMF Puffer, 2½ years old, new condition, sails, trailer, extra equipment. \$800. 921-3136

SHELL'S CHECK CAME IN FIRST

The DPMC recently sent a check for \$33,000 to the newly established Harris-Galveston Coastal Subsidence District as a partial prepayment for the complex's HGCSO permit fee.

The HGCSO was formed by an act of the Texas Legislature earlier this year. It was assigned the task of halting land subsidence in the two county area and given certain powers to accomplish that job.

Shell's check was the first to be received by the

1967 Chevy 2-door V-8, auto, air, power steering, \$300. 479-1756

1968 Pontiac GTO, power steering, brakes, auto transmission, air, Rally wheels, vinyl top. \$825. 481-3766

1965 Olds 4-door sedan, runs good, new brakes, one owner. \$150. 472-1138

1967 Ford Fairlane, good condition, air shocks. \$550. 477-1734

WANTED

Child carrier for bicycle. 488-8235

Refrigerator, washer and dryer in good condition. 944-9932.

PERSONAL

Thank you to all my friends for the thoughtful gifts and for a happy and successful retirement party.

- H. L. Isham

board and the amount exceeded the 60 percent funding request. Charles R. Bowcock, chairman of the HGCSO board of directors, praised Shell's efforts at the next board meeting and sent the company a letter on November 26.

In his letter, Bowcock said, "Your prepayment of a portion of your permit fee makes possible the continuing operation of the district during our critical formative months. Shell's leadership in helping stop subsidence is recognized and greatly appreciated."

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Mrs. Dotti West - Editor