

# SHELL TELEGRAM

SHELL DEER PARK

## DPMC "decomplexes"

**O**n June 1 DPMC went from being a Complex to two separately managed oil and chemical organizations - Deer Park Refinery and Deer Park Chemical Plant. The two locations are distinct and separate, each with its own personnel, organizational and business structure, and with certain identified shared resources.

Shell Oil Company's new governance structure established separate,

wholly owned companies for its three principal businesses: Oil Products, Chemical, and Exploration & Production, plus a Shell Services Company.

Governance is designed to provide greater independence while preserving a valued sense of unity across the company. Shell Deer Park is continuing the process of realigning its oil products and chemical businesses to be consistent with the company's new governance structure.

Locally, STEVE REEVES, formerly Complex manager, is the manager of the Deer Park Refinery under the Shell Oil Products

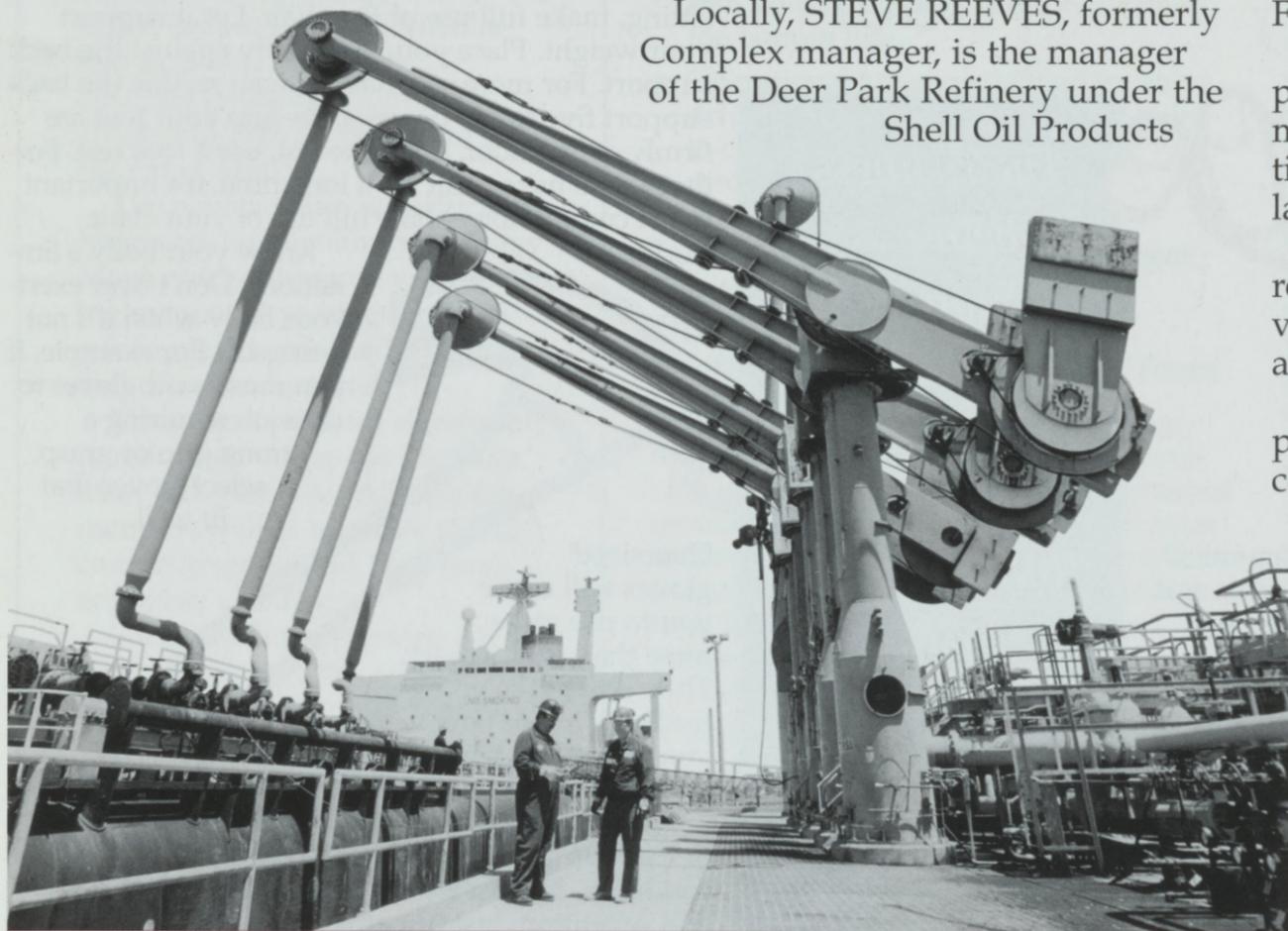
Company. J.D. JOHNSON, formerly Chemical superintendent, is the manager of the Deer Park Chemical Plant for Shell Chemical Company. The Refinery, which includes Deer Park Refining Limited Partnership (DPRLP), plus Lubes, reports to the Vice President/Manufacturing, Shell Oil Products Company, RON BANDUCCI. The Chemical Plant reports to the Vice President/Manufacturing and Distribution, Shell Chemical Company, ROGER FOWLER.

No modifications of the DPRLP partnership agreement have been made. Likewise, both locations continue to be covered by the existing labor agreement with the OCAW.

Some activities administratively report to one side but provide services to the other under a service agreement arrangement.

A Deer Park Leadership Team is planned to deal with issues of common interest to employees of Shell Oil Products Company (SOPC) and Shell Chemical Company (SCC).

This realignment will have no affect on product availability or change the existing relationship with Shell's respective business customers or the community. ■



The first shipment of Maya crude arrives at DPMC docks to be processed into higher quality products by the Delayed Coker Unit, the centerpiece of the Shell/Pemex joint venture major upgrade. See story on Page 3.

YOU'RE THE  
VERY BEST IN  
ALL YOU DO



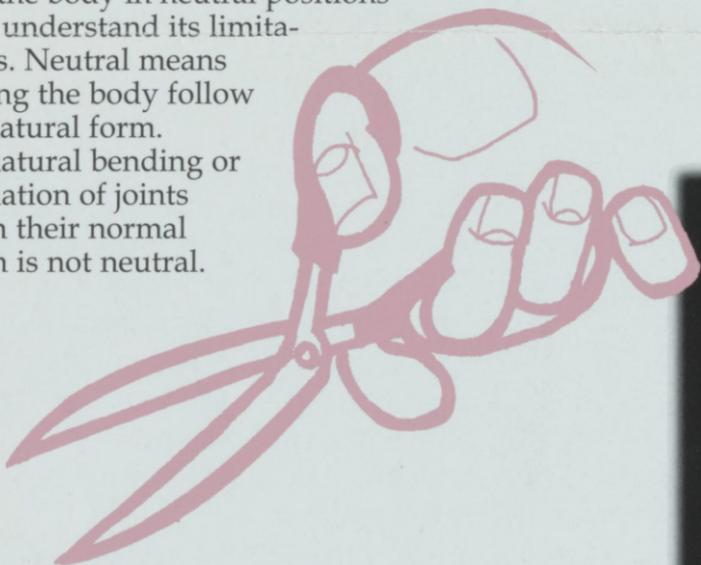
# Safety

## "ERGONOMICS"

Chances are, the subject of ergonomics won't come up at the next dinner party you attend, or in conversation at the office. Yet, ergonomics affects our personal activities as well as work activities each day. Ergonomics is the science that studies people's capacity to do work. It applies that knowledge in designing jobs, products, equipment and the workplace environment. The Health & Safety Department at Shell Deer Park has set ergonomics as a high priority project for 1995 and 1996.

Ergonomics is the study of how to make jobs, the work environment, tools and equipment user-friendly. Properly applied, ergonomics reduces unnecessary effort, improves productivity, and allows for better communication between workers and between equipment and workers. In fact, it can make the world less stressful.

The basic principles of ergonomics are simple - put the body in neutral positions and understand its limitations. Neutral means letting the body follow its natural form. Unnatural bending or deviation of joints from their normal form is not neutral.



Why should we be concerned with ergonomics? The richness of being human is the many sizes and shapes into which we are fashioned. This human diversity can also cause problems. Our clothing size may be different from the next person and we have varying degrees of strength and abilities. But we have jobs, tools and equipment designed to fit all. Let's take hammers, for example. They don't come in different sizes based on people; they come in different weights or head styles depending on the work to be done. You use a roofer's hammer for putting down shingles on a roof, a claw hammer for carpenter work, etc.

Until recently, all hammers had the same handle. Now ergonomic hammers are available to consumers and will soon be appearing at the Complex. A bent handle on the hammer keeps our hands and wrists in a more neutral position. You don't have to deviate the wrist as much.

A  
WORKPLACE  
HEALTH  
ISSUE  
WE'RE  
HEARING  
MORE  
ABOUT

*The richness of being human is the many sizes and shapes into which we are fashioned. This human diversity can also cause problems.*

Why should we be concerned about something that seems as trivial as a deviated wrist? Our body has natural, neutral positions in which it likes to work. Moving the body repeatedly in unnatural ways causes small injuries to muscles, tendons.

Over time these small injuries add up and become serious illnesses affecting our bone, joints, tendons and nerves. As a group, these illnesses are called cumulative trauma disorders. In 1992, there were more than 280,000 new cases of cumulative trauma disorders (CTDs) in the U.S. CTDs include medical conditions such as carpal tunnel syndrome, tendonitis (better known as tennis elbow), and bursitis.

Carpal tunnel syndrome can occur in people who use computers extensively. In later articles we will be talking more about conditions associated with jobs involving computers.

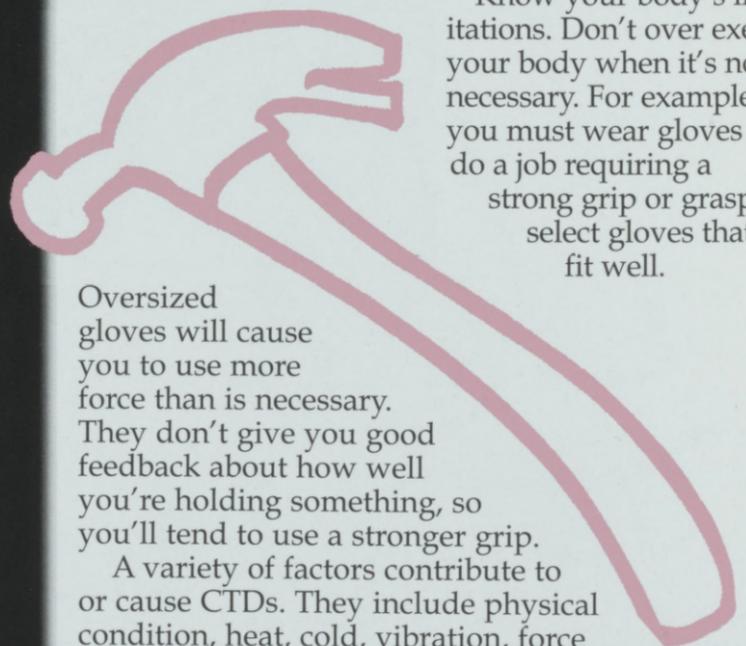
Prevention is the key to CTDs. It's important to work in neutral. Remember what your mother told you about sitting up straight? She wasn't wrong. Let your body guide you in what is neutral. When sitting, make full use of the chair. Let it support your weight. Place your back fully against the back support. For more comfort you can recline the back support five to ten degrees. Be sure your feet are firmly on the floor. If they're not, use a foot rest. For those who have to sit for a long time, it's important to get comfortable. Make full use of your chair.

Know your body's limitations. Don't over exert your body when it's not necessary. For example, if you must wear gloves to do a job requiring a strong grip or grasp, select gloves that fit well.

Oversized gloves will cause you to use more force than is necessary. They don't give you good feedback about how well you're holding something, so you'll tend to use a stronger grip.

A variety of factors contribute to or cause CTDs. They include physical condition, heat, cold, vibration, force and repetition, just to name a few. By using good ergonomic practices, we can reduce or eliminate their effects. In the meantime, the most important things you can do include:

- Rest your body;
- Keep your body in condition to do work;
- Work in neutral;
- Know your body's limitations ■



## First delivery of Maya crude arrives at docks

Shell Oil Company and Mexico's oil company Pemex welcome the first shipment of Maya crude to Shell Deer Park. The event marks the beginning of Delayed Coker Unit operations, the centerpiece of a \$1 billion capital upgrade program, a joint venture of the Deer Park Refining Limited Partnership.

A private dedication ceremony was held April 24 in the Coker Unit. It included remarks by Shell Oil Company President PHIL CARROLL, and Pemex Director General ADRIAN LAJOUS.

"This construction project has become the industry standard for other projects to measure against, and our partnership continues to be a win-win relationship," Carroll said. "We now move to the most important phase - reaching leadership in the world's competitive marketplace."

The tanker, *New Assurance*, delivered the first 500,000 barrel shipment from Mexico to the newly revamped crude distillation unit later that week. Distilled feedstock from the crude will then be processed in the coker unit.

The new facilities will efficiently process large volumes of heavy Maya crude into more valuable, higher quality products such as reformulated unleaded gasoline and diesel and jet fuel.

The project will also significantly reduce air emissions and help meet U.S. Clean Air Act requirements as well as improve global competitiveness and long-term economic viability.

Shell and Pemex formed the joint venture in 1993, which included plans for the capital upgrade program. The upgrade involved construction of the delayed coker, a gas oil hydrotreater, two sulfur recovery units, a cogeneration power plant and a crude distilling revamp. An alkylation unit and an MTBE unit were also started up early last year. ■

## CHEMICAL WORKS SHELL'S NEW BUSINESS MODEL INTO MINI SUCCESS STORIES

Chemical business teams at Shell Deer Park recently demonstrated how they could impact Chemical's bottom line. Using Shell's business models to select key short-term projects, three separate teams helped Shell Chemical reap significant financial rewards.

"Each team selected something different, but all had to do with increasing production of products that had a high value and high return for the company," says DENNIS WYMORE, manager, Operations Business Support, who asked each of the teams to discuss their project. Following are the teams' responses.

### Stan Park, technical manager

#### Process Engineering, Phenol Resins Leadership Team.

The team focused on two separate key objectives - increase cumene production capacity and reduce Phenol turnaround duration - to achieve an additional \$8.9 million business contribution.

Cumene production had been constrained by internal bypassing in the alkylator/transalkylator vessel. Phenol production was constrained by cumene availability. A group within the team identified short-term opportunities and a low cost solution which would remove the cumene production constraints. Results are being tracked weekly. Year-to-date results show a \$3 million improvement.

Some of the key learnings of the group:

- People have more energy and enthusiasm when they believe they can affect the bottom line;
- Operational leverage defined by value drivers of financial performance helps to clarify priorities for allocating resources.

### James Rhame, technical manager Control Systems Engineering Olefins & Elastomers Olefins Elastomers Business Team

The OEFT looked at options to maximize the production of high value products with little or no investment. Focusing on redesigning HT-II operating processes to give plant operators additional capabilities and better tools to increase production, the team felt more benzene could be produced by:

- Pushing the plant harder;
- Reducing the cycle time for getting the plant back on line following a "hot hydrogen strip";
- Understanding what the maximum production was for the unit and focusing on production constraints;
- Optimizing production rates following unit turnarounds.

Their expectations:

- Increase average benzene concentrate production by 400 B/D, which translates to \$1.4 million per year;
- Improve operational measures focused on production;
- Improve operator write-ups and shift turnover;
- Improve appreciation for "sense of urgency."

The OEFT is planning to apply what they've learned here to increase production on other Base Chemical units.

### Rob Costelloe, technical manager Process Engineering Oxygenated Solvents

The Oxy Solvents Business Team pioneered a new way of using a cross-functional team to generate synergy that allowed them to get a high-profit project completed more quickly.

Deciding to work on increasing MIBK production by improving procedures which affected the efficiency of the M Plant catalyst converter beds, the team hoped to get a return of at least \$1 million per year in margin improvement. They expected to complete the project by applying a new approach which would accelerate technical progress and process improvement.

Strategies for increasing the catalyst inventory, replacing aged catalyst, and modifying operating and catalyst procedures were developed. MIBK production capacity improved immediately. Based on results through the first three months of this year, the team believes the operational changes will result in at least \$2 million per year from increased production.

The team learned that clear focus and concentration of resources on a single goal could produce dramatic results in a short time. Their commitment and sense of urgency also helped provide more effective and quicker response time to their requests for technical support. ■



# Integrated Supply... a better way to purchase

There's a new deal at Deer Park these days that you may have heard about. It takes place every time you place a routine material order. It helps Shell Deer Park by reducing inventories, material costs, manpower costs, procurement costs, transaction costs, obsolescence, and invoicing costs.

All this adds up to an agreement that guarantees \$1.3 million in annualized cost reductions to Shell Deer Park over the next 12 months... savings that are documented and substantiated.

What is it? It's Integrated Supply, the result of Shell Deer Park's key MRO (Maintenance, Repair, and Operations) suppliers joining together with a cross-functional Shell Deer Park team to develop a better way to purchase, deliver, store, and invoice the thousands of routine items that move through the Refinery and the Chemical Plant daily - items such as hammers, light bulbs, valves, flanges & fittings, laboratory beakers, hoses, bearings, and so on.

It was a surprise to everyone to find that 80 percent of our transaction activity is spent procuring less than 4 percent of Shell Deer Park's total basket of supplies and services. Integrated Supply at Shell Deer Park is a process involving a "Consortium" of five key suppliers (Texas Mill, GE Supply, Mcjunkin, Motion Industries, Baxter Scientific), and a supporting cast of approximately fifteen "second tier" blanket order suppliers. This team works together, along with purchasing, reviewing every material transaction for opportunities to save.

The ultimate benefit to Shell Deer Park is guaranteed savings, and purchasers have an opportunity to increase their sales volumes. Every day, CINDY CARTER, purchasing agent for Refining, starts her day by opening up her electronic APS mailbox and processing the morning's requisitions. She then checks the mail throughout the day to stay ahead of a steady stream of orders.

Up until now, Carter's mail was a mixture of big and small, from orders that require her extensive involvement to routine requests that only needed processing. The problem was that the routine orders far outnumbered the "specials." Finding time to handle both was often difficult.

Now, things are changing for Carter and the other four purchasing agents that service Shell Deer Park. "Integrated Supply is adding value to my job. As a result, I will be able to focus on higher value issues, which is good news for Shell Deer Park and my customer," adds Carter.

Says DAVE LIPSCOMB, business services manager, "The goal is to significantly reduce the cost of doing business with key suppliers - without eliminating the suppliers, to maintain competitive pricing and technical product support, to reduce the supplier's cost of handling our Shell account, and to maintain or improve the overall service level to our Shell DPMC customer."

"One of the parameters we placed on the process was that it would be transparent to the client," says MIKE HARRINGTON, senior purchasing representative. "Transparent means a customer requesting materials will get same or better service and same or better quality of materials."

"Integrated supply is not just a means for Shell to reduce vendors and for suppliers to gain additional business. It is an opportunity to jointly develop new business services and cost reduction concepts that will establish Shell Deer Park as an industry leader and ensure best value," says BOYD NOBLE of Texas Mill.

Adds Harrington, "Deer Park continues to search for every opportunity to reduce costs and this initiative is only one of many underway. We hope that Integrated Supply can make a significant contribution to the bottom line at Shell Deer Park." ■

## NEWS AROUND SHELL: AWARD, HISTORY LESSON, WATERSHED...

### Shell "Outstanding Corporation"

Shell's corporate and foundation contributions, innovative community programs and thousands of hours of employee volunteer community service earned them the 1995 Outstanding Corporation Award from the National Society of Fund Raising Executives. The organization presented the award at their International Conference in Chicago March 20. The Shell Oil Company Foundation was recognized for contributing \$268 million in donations since its inception in 1953 for such programs as "Say Yes to a Youngster's Future," a national family learning program to enhance math and science skills of minority and female students; and a \$10 million effort to help revitalize South Central Los Angeles.

*Abra Palmer, a third grader at Carpenter Elementary and daughter of Dave Palmer, Process Engineering, writes about the historical significance of the Shell Refinery in an interview-style passage in a student-produced, Shell-funded tour guide celebrating Deer Park History Week in April.*



### Students produce historical tour booklet

Shell Deer Park recently funded a tour guide produced by the students of DPISD in honor of "Deer Park History Week" April 17-21.

The creativity of students of Deer Park sites are showcased in the printed guide through words and pictures. Each student gives a brief description of an important landmark in Deer Park - the Battleship Texas, the Courts and Theater Building, and the Shell Refinery and Historical Museum, just to name a few.

### Library, area museum receive donations

The Shell Oil Company Foundation recently contributed to Friends of the Deer Park Library and the San Jacinto Museum of History.

In its eighth contribution to the library, the Foundation donated \$1,000 to update the science and technology non-fiction childrens books section.

A check for \$3,000 was presented to San Jacinto Museum of History sponsors to support various museum activities.



(Top photo) Dennis Winkler (2nd left), Shell Deer Park Community Relations manager, presents a check to Darla Kelly, president of Friends of Deer Park Library on behalf of the Shell Oil Company Foundation. Also present were Pat McShan, Friends secretary (left) and Charles Sesmuth, Deer Park Library director. (Bottom photo) Winkler presents a check to J.C. Martin, director of the San Jacinto Museum of History.



What is a watershed? Lydia Bustilloz, Facilities Management, and other Shell Partners in Education Committee members read the essays of 7,000 third and seventh graders who answered that question. Shell Deer Park helped evaluate the essay contents recently for the Houston-Galveston Area Council. Committee members selected first, second and third place from over 250 essays submitted by junior high schoolers from Baytown and Aldine school districts.

**T**hat searing blast of heat that hits you as you leave your air-conditioned home, car or office is a reminder that the long and hot Gulf Coast summer is upon us.

With the rise in temperatures, it's a good idea to be aware of the potential for heat stress, especially if you are exposed to long periods outdoors.

It's important to know how your body handles heat, the warning signs of heat stress and what you can do to prevent heat stress.

## Handling the heat

Your body has an internal regulator to control your body temperature. Heat leaves your body through blood vessels near your skin's surface and through evaporation of sweat. Your environment and work activities can impact your body's ability to maintain its normal temperature.

Here's what happens. Your blood brings body heat to the skin surface where the heat can be transferred to the air. As the surrounding air temperature increases it becomes more difficult to transfer body heat to the air.

Sweat evaporating from your skin carries heat away. As the humidity increases, less sweat evaporates because the water content in the air is already high.

Air moving across your skin can carry heat away and help sweat to evaporate. But if air flow decreases, these processes don't work as well.

The more active you are, the more heat your body generates. Heavy activity also causes the muscles and skin to compete for your limited blood supply, and reduces the amount of blood going to your skin for cooling.

## Warning signs

When your body can no longer control its internal temperature, some form of heat stress occurs. Mild heat problems include excessive

sweating, heat cramps (painful muscle spasms), prickly heat (tiny red bumps on skin), irritability, mild dizziness, and weakness. For these symptoms, rest in a cool or shady area and drink water or other fluids.

Moderate heat problems, or heat exhaustion, will cause these symptoms: excessive sweating; cold, moist, pale or flushed skin; thirst; extreme weakness; headache; nausea; loss of appetite; dizziness or giddiness; and rapid or weak pulse. The cure: rest in a cool or shady area, drink water or other fluids, loosen clothing, cool your

X6-4444, move the person to a cool or shady area, remove outer clothing, cool their body with water, use fans for air movement and have them drink water or other fluids if conscious.

## How to avoid heat stress

**Drink plenty of water** to replace water lost from sweating. Drink small amounts frequently throughout the day. Don't wait until you are thirsty.

**Take breaks** before fatigue sets in. Find a cool or shady area in which to rest.

Be aware of your environment and your work. Your risk of heat stress can increase on hot, humid days with direct sunlight; nearby radiant heat such as furnaces; heavy work activities; and use of chemical protective clothing such as a hi-glo suit.

**Stay in shape.** Conditioned muscles work more efficiently and generate less heat. Extra body weight makes you work harder.

**Eat sensibly.** Hot, heavy meals add heat to your body. Eat lightly during the day.

**Know special risks** like alcohol, caffeine, allergy or high blood pressure medications; pre-existing medical conditions; and a recent illness.

Other aids in reducing heat stress are to wear cool vests or suits to provide additional cooling, aluminized Nomex blankets or suits to shield against radiant heat sources; and fans to increase air movement. Lastly, when possible, schedule work during cooler hours.

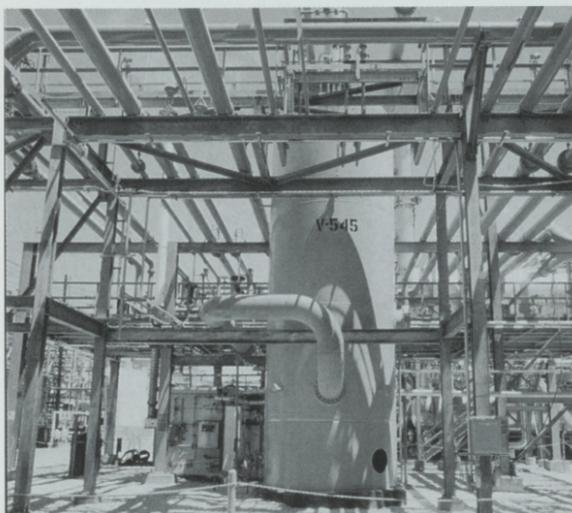


body with water, and use fans for air movement.

Severe heat problems, or heat stroke, can result in any of these: lack of sweating; hot, dry, flushed skin; deep, rapid breathing; rapid, weak, irregular pulse; headache; nausea; dizziness; confusion; loss of consciousness and convulsions. Heat Stroke can be deadly. If at Shell, call

Sources: Safespots article by Lynne Tackett, 1994; Health & Safety Dept. work practice training; Understanding and Preventing Heat Stress, Krames Communications, 1988. ■

## UTILITIES REPLACES WEST BLEND TANK PIPING, VALVES



The recently replaced West Blend Tank manifold system distributes fuel gas throughout the West Refinery to fire furnaces, boilers and process units. It replaces an old system built in 1947.

The West Blend Tank, which blends natural gases in a vessel to fire furnaces and boilers throughout the West Refinery and the Central Power Station, needed extensive piping and valve replacement. The tank, placed into service in 1947, was recently outfitted with a new

manifold, laterals and isolation valves under the direction of a team which completed the 2.5 year project successfully in March of this year, improving the reliability of the utility and reducing the potential for leaks.

Construction began with Shell Engineering Design handling the surveying and piping plans. The project was headed up by a full-time operations representative who wrote isolation, decontamination and recommissioning procedures for each header connecting to the manifold.

"The goal was to insure an absolute minimal impact on operations, which many thought very difficult to do since the tie-ins affected so many systems," says TED HOLT, Utilities Systems, operations representative on the project team.

Excavation began in January, 1994 to prepare for the new manifold platforms. The new design is an elevated platform located to the east of the West Blend Tank.

In April, 1994, manifold platforms were complete and work began on installation of the new manifold and associated valves and headers.

During the next seven months all header revisions were made using a carefully planned strategy, according to Holt.

"It took contributions from many people in many different positions and job classifications," says Holt. "Their teamwork and job skills allowed us to install the equipment without any interruptions of fuel to any of the process units."

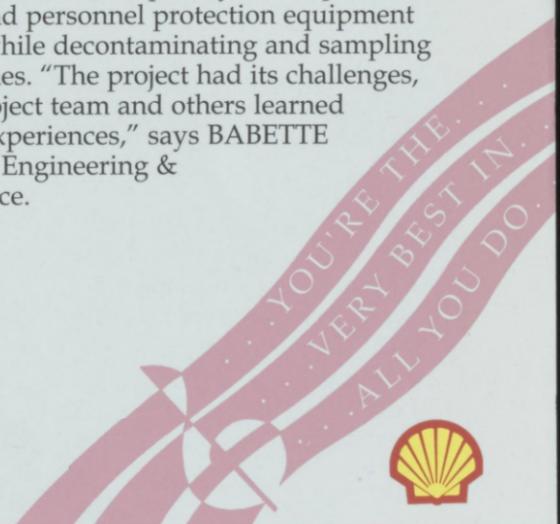
The WBT team is composed of the following: TONY MAGGIORE, Utilities Systems; RUSTY HARRISON, Utilities Systems; TIM KNITTIG,

PE/CS/QA/Projects; BABETTE ROLLINS, Engineering & Maintenance/ Project Engineering; RENEE SCHOENBORN, PE/CS/Q/Utilities System; and TED HOLT, Utilities Systems.

### MANIFOLD PROJECT LEARNS FROM INCIDENTS

Execution of the West Blend Tank project was not without incident. The project experienced one recordable injury and one chemical exposure incident. The recordable injury occurred when a flagman's foot was run over by an automotive manlift. To prevent future similar injuries, a flagman's instruction sheet is now used throughout the Deer Park facilities.

Another incident occurred when H<sub>2</sub>S was released while decontaminating a fuel gas line. Guidelines were subsequently developed detailing area and personnel protection equipment required while decontaminating and sampling fuel gas lines. "The project had its challenges, but the project team and others learned from the experiences," says BABETTE ROLLINS, Engineering & Maintenance.



## MILESTONES

### SERVICE ANNIVERSARIES

#### 25 YEARS

J.C. ARCENEUX  
Chem/Engrg./Mtc/  
Solvents

K.C. BROWN JR  
Refinery/West Maint.

C.R. COBB  
Refinery/Control Systems

N.G. DALEY  
Refinery/East Maint.

M.K. DAVIS  
Refinery/Lube Log.

D.A. ECBY  
Chem/Central Maint.

R.ELDER  
Refinery/Dispatching

R.L. GIBSON  
Chem/Solvents/Distrib.

D.E. GRACE  
Refinery/West Maint.

A.A. GUIDRY  
Refinery/Marine Oprns.

L.E. JUERGENS  
Refinery/Mech. Equip.

J.C. MORENO  
Refinery/East Maint.

J.L. BERNAL  
Refinery/Docks

R.D. BOREN JR.  
Chem/Econ & Sched.

T.R. BYRD  
Refinery/Log./Util./Env.

R.O. COVERSON  
Refinery/Control Systems

H.N. HARRELL  
Chem/Resin Maint.

R.P. HASKINS  
Refinery/Log./Util./Env.

C.R. HUGHES  
Chem/BPA4

A.A. MELENDEZ  
Refinery/CCU

A. MENDOZA  
Refinery/Turn. Plng.

F. MINIX  
Chem/Control Systems

R.M. PENA  
Chem/Quality Assur.

J.L. RANDLE  
Refinery/Lube Manufac.

K.W. SNIPES  
Refinery/Engrg. Maint.

B.R. VAUGNN  
Chem/Solvents/Distrib.

M.A. WOLTERS  
Business Services

#### 15 YEARS

G.Z. AZOCAR  
Security

R.W. BOLLS  
Refinery/Cat Crack/Gas

W.A. BRAMLETT  
Chem/Solv./Distrib.

L.F. BUFFINGTON  
Chem/Eng/Mtc/Resin Mtc.

L.T. FISHER  
Refining/Lube Log.

B.T. FOX  
Refinery/Hydroprocessing

G.E. GILBER  
Refinery/Process Engrg.

M.R. HARVEY  
Refinery/Turn. Plng.

M.J. KELLY  
Refinery/Marine Oprns.

A.S. KING  
Chem/Colvents/Distrib.

J.T. McELROY  
Chem/Major Resins

C.J. MADDOX  
Business Services/Prod.  
Analy.

J. MARTINEZ  
Refinery/Lube Log.

J.W. OVERMAN  
Chem/Olefins III

R.C. ROBINSON  
Refinery/Cat Crack/Gas

R. RODRIGUEZ  
Chem./Olefins

T.N. SULLIVAN  
Refinery/Solv. & Treat.

K.K. TIXIER  
Business Services

M.A. VEAZEY  
Refinery/Solv. & Treat.

W.M. WENDES  
Refining/Hydroprocessing

D.H. YODER  
Major Projects

R.H. YOUNG  
Refinery/Log./Util./Env.

#### 10 YEARS

D.A. COUGHLEN  
Chem/BPA Manufac.

A.L. EIDSON  
Chem/Econ. & Sched.

K.M. JACOB  
Major Projects

B.S. ROLLINS  
Refinery/Engrg. Maint.

C.J. SEWALD  
Major Projects/Bus. Svcs.

A.K. STAFFORD  
Chem/Engrg. Svcs.

## SCORANOTES

### Picnic

Remember the SCORA family picnic, Sept. 23 at Rotary Pavillion. It's free to all SCORA members. All-you-can-eat barbecue and other great food fare.

### Christmas dance

A Christmas dance will be country this year on Dec. 8 with country western artist "Randy Meadows and the Straight Up Band" at the East Harris County Civic Center on Kyle Chapman Rd off Spencer Highway. Dress is casual. Check the SCORA office for more information.

### Spring volleyball

Two leagues of Spring volleyball will be starting in mid August: a recreational league and a spike league. Both are co-ed and limited to SCORA members or their guests. Needed are at least six teams with six players, two of which must be female. Call the SCORA office or KELLIE BELLE for details.



Used paint is a popular waste item at the Pasadena Household Hazardous Materials Collection Day center. Area residents brought carloads and truckloads of it plus other household waste to one of five sites April 22.

## Waste collections near 1 million lbs

A record turnout on Earth Day pushed area waste collection totals to nearly 1 million pounds since the inception of the annual event, Household Hazardous Materials Collection Day.

Collection sites saw 3,058 households dispose of 356,107 pounds of automotive, paint, cleaning and other waste materials April 22. That's a jump of 26 percent in the number of pounds collected and a 32 percent increase in the number of households participating.

Each year Texans throw away 60,000 tons of household hazardous waste each year. Household Hazardous Materials Collection Day has accommodated the growing need to dispose of these items properly. The program's popularity is evidenced by growing participation each year. A total of 989,625 pounds have been collected since 1987, the first year of the event. ■

## CLASSIFIED

**FOR SALE:** Sears Kenmore refrigerator, 19-20 cu ft, gold, \$100. Contact JIM OVERMAN, X6-6593 (246-6593) or 480-9209.

**FOR SALE:** Two twin-size honey-oak semi-motionless waterbeds. Excellent condition. \$150 each. Contact MARIE HARGIS, 672-2914.

**FOR SALE:** Bunk Beds w/Sealy mattresses. Like new. \$200. Large capacity water tank, pump and breaker \$100. Large chest type freezer, runs. Free. Contact MICKEY PEDNEAU at 246-6324 or THERESA CABINESS at 470-8444.

**FOR SALE:** Full set of pipefitter tools. Includes two impact wrenches and all sockets. Like new. Never used. Best offer. Contact G.A. "SPUDS" MCKENZIE at X6-7871 (246-7871).



V.S. ROOPNARINE  
Ref/PE/CS/QA/ Process  
Engrg. (above, April)

D.D. WILLIAMS  
Major Projects

R.C. ALBERSTADT  
Human Resources/Chem



Editor's Note: Shell Deer Park supports these initiatives: Responsible Care, through the Chemical Manufacturer's Association, is a continuing effort to improve the industry's responsible management of chemicals. STEP, through the American Petroleum Institute, addresses public concerns by improving our industry's environmental health and safety performance.

WE HAVE A COMMON GOAL TO KEEP PEOPLE FROM GETTING HURT.

## SHELLEGRAM

### Shell Deer Park

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