

# SHELL LEGRAM

DEER PARK  MANUFACTURING COMPLEX

## ALKY/MTBE BEGINS Startup

The Alky/MTBE project, a part of the major upgrade underway at DPMC, began startup operations earlier this month, ahead of the original project schedule. The MTBE unit is now in the startup mode; the Alkylation Unit will follow suit by late February.

Major Projects Startup Operations representatives name teamwork, the construction/commissioning partnership with the Major Projects Construction organization, and an excellent Startup Operations safety record as key elements in the success of the project which began in March 1991.

"Several years of dedicated effort have gone into the success of the Alky/MTBE/CCU WGC project to date," says DENNIS KIMPTON, superintendent, Alky/MTBE Startup. "I'm confident that the Startup Team will rise to the challenge of adjusting our plans to take advantage of the early construction completion of the Alky/MTBE facilities and all of the work that lies ahead."

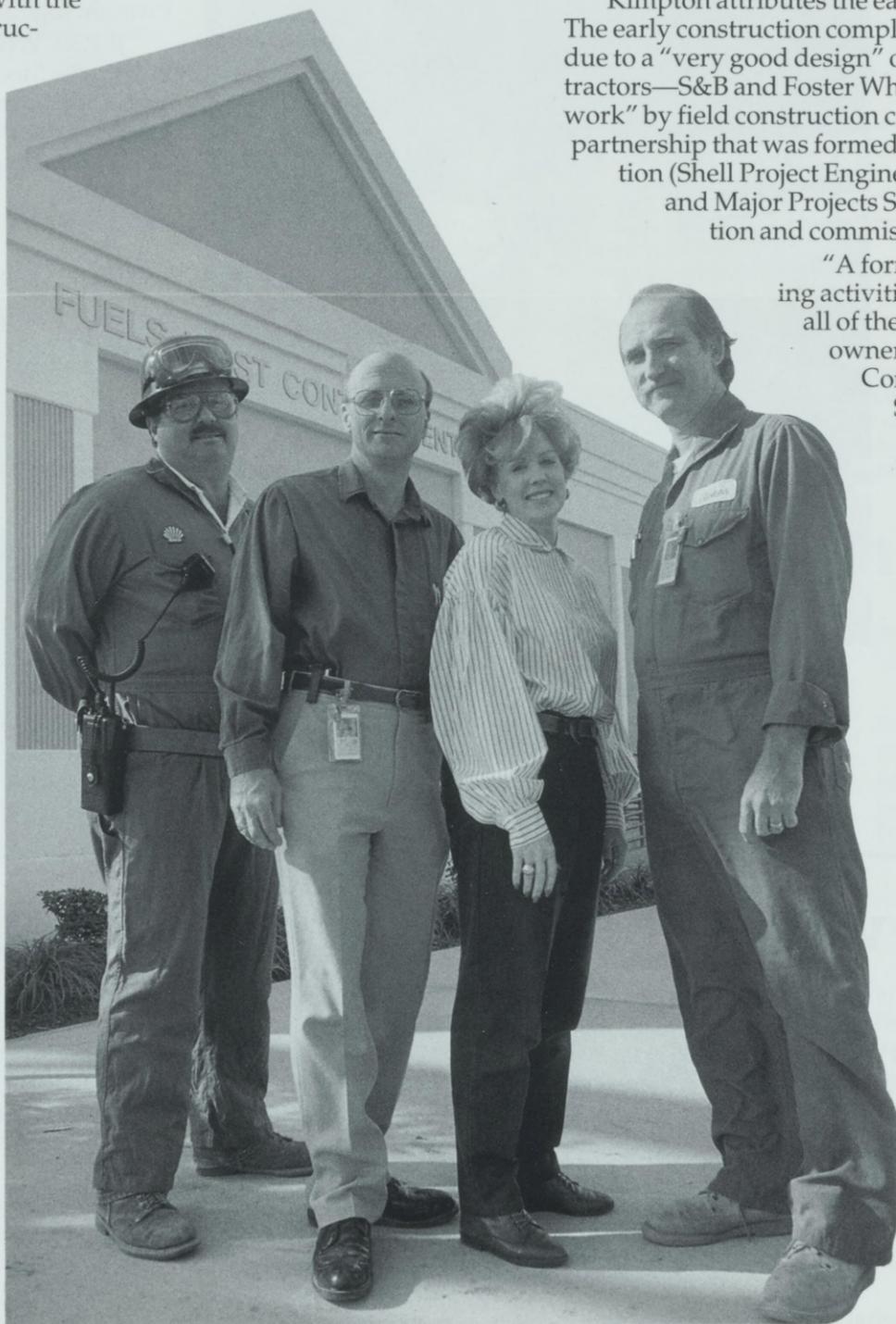
Kimpton attributes the early startup to a number of factors. The early construction completion of the Alky/MTBE units was due to a "very good design" on the part of the engineering contractors—S&B and Foster Wheeler, which led to "very low rework" by field construction crews. Also of significance was the partnership that was formed between Major Projects Construction (Shell Project Engineering and Brown and Root Braun) and Major Projects Startup Operations for the construction and commissioning activities.

"A former paradigm was that commissioning activities would not take place until after all of the facilities were fully constructed and ownership was transferred from the Construction organization to the Startup Operations organization," according to Kimpton.

For the Alky/MTBE project, the contractor construction activities were integrated, allowing approximately two months to be shaved off the original startup schedule. KEVIN BLANTON, HARRY FOREHAND, DAVID GONZALES, STEVE GILES, BUD KYZER, DON NETEK, and BRAULIO ZARATE, who developed and wrote the commissioning procedures, worked closely with the construction organization in executing them in the field.

"This has allowed commissioning of some systems prior to turnover to Operations and a reduction in the scope of some commissioning activities," says BOB CHOUFFOT, manager, Alky/MTBE Startup.

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CONTROL CENTER—(l-r) Danny Stein, Alky/MTBE operations foreman; Don Netek, Alky/MTBE operations supervisor; Denise Elston, Fuels West Control Center project engineer; and Lamar Stokes, Alky/MTBE operations foreman pose by the classic facade of the new Fuels West Control Center.

YOUR'RE THE...  
VERY BEST IN...  
ALL YOU DO.

When BENJY MORGAN, Employee Development, was asked to look for a better way to deliver mandatory training to the Complex, he "took off the blinders" and looked for ways to make it more effective, quicker to complete, and more fun for participants.

His efforts led to a process he calls "Blitz" Training, so named because training topics like spill prevention, emergency procedures and moving contaminated equipment were combined with audiometric and respiratory fit testing and packed into intensive one- or two-day sessions attended by employees from several departments at once.

"We knew there had to be a more effective and cost-efficient way to satisfy requirements," says Morgan. "Safety meetings were getting tied up with mandatory topics which left less time to focus on other safety-related concerns affecting the work group."

Blitz Training has been successful beyond Morgan's wildest expectations.

After East Fuels piloted the program in late 1992, it caught on fast. Although Blitz Training is optional, by the close of 1993, between 80 to 85 percent of the departments at DPMC used it to satisfy a substantial portion of their mandatory training requirements.

Employees have given the blitz approach high ratings in evaluations.

"It's phenomenal to see this taking off like this," says Morgan, who supports the Blitz Training effort throughout the Complex. "It caught us by surprise."

"The blitz process was completed with less effort and in less time than previous years and freed up time for safety emphasis

to be placed on issues in the field," says JOE BIBBY, training coordinator, BPA4. "In 1994, we plan on using the blitz process to remain in compliance, and use safety meetings for "more safety-related issues."

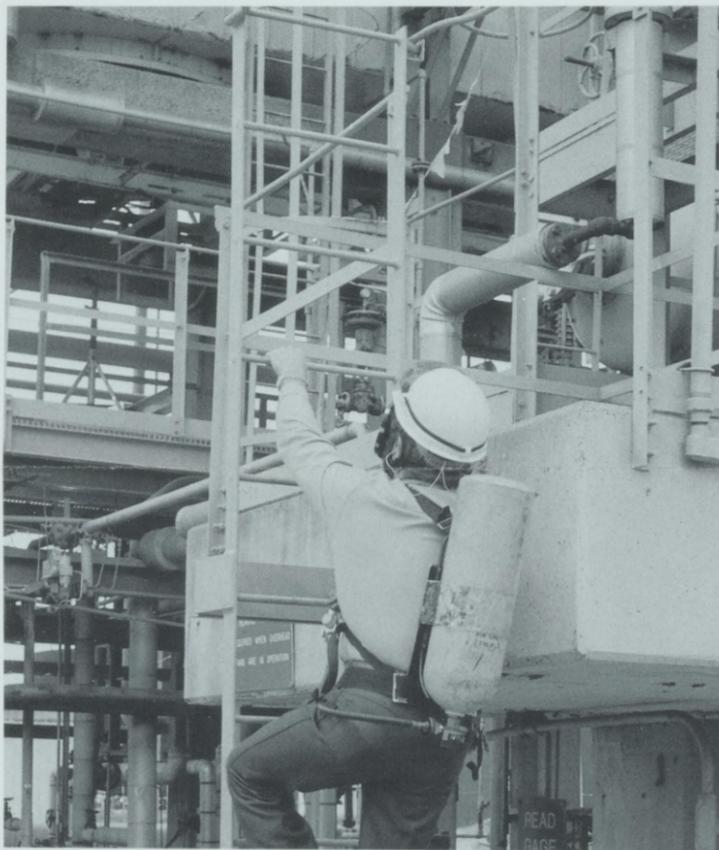
While the blitz process will work with smaller groups, it really shines when there are 35 to 45 participants. Morgan says that's because the training becomes more dynamic when several departments and instructors from across the Complex are brought together.

JERRY WILLIAMSON, Health & Safety, decided to set up Blitz for his department last year. Other departments joined in, creating a multi-department

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## THE WAY TO GO WITH MANDATORY TRAINING

# BLITZ!



**TAKING BREATHS**—James Saffell, Heavy Olefins Distribution, wears SCBA (self-contained breathing apparatus). Training requires an individual to climb a stairway, operate a valve, climb up or down a 10-foot caged ladder, and walk 30 feet to simulate tasks which might be performed in an emergency situation.



## Lone walkers: be alert, carry protection

by Lori Thomas, Administration

A few years ago, it was about 9 p.m., getting late, and my son wasn't home yet. I went out walking the neighborhood looking for him. As I passed some shrubbery, a man leaped out, hit me on the head and wrestled me to the ground. The only thing I had in my hand was a lit cigarette—somehow I had held on to it as I fell. I jammed it into his eye and began screaming. The neighbors heard my screams and ran out to help. My attacker ran away.

My son was horrified at what had happened and it took me a long time not to panic when someone came up

behind me. But I have learned a valuable lesson: to be extremely careful, stay alert, try not to walk alone at night, and if you are ever attacked, use whatever you have on hand and go for your attacker's eyes, Adam's apple or any other vulnerable spot.

You don't have to carry a cigarette. In fact, I no longer smoke. Just use whatever you may have—keys can be a weapon if you carry them with the ends sticking out between your fingers.

I was very lucky that I learned that lesson without being seriously hurt, just frightened. ■

## ✓ Johnson Wax gives quality award to S&T

Solvents & Treating remains committed to the Quality Process and to meeting the challenges of excellence. S.C. Johnson Wax knows that.

Johnson Wax, an international corporation producing commercial and consumer home care products, recently awarded the Partners in Quality award to S&T, making the department the first solvents supplier recognized by Johnson Wax.

To earn it, S&T personnel have undergone yearly on-site audits since 1991. The department achieved progress yearly after thorough reviews of the Quality Process in the manufacture and distribution of solvent products.

"We remain committed to measurable results in the Quality Process and in meeting the challenges of excellence," says RENE SOLIZ, operator.

"Solvents and Treating personnel are committed to reducing the amount of off-spec product with the help of Logistics personnel who store and ship finished hydrocarbon solvents to our customers and terminals," says GREG LUBRICK, operator. "Also, management has committed to assist us by supplying the tools we need to become world-class suppliers."

Shell sells to Johnson Wax specialty environmentally advantaged solvents produced through a hydrotreating technique.

## ✓ SADAF announces major expansions in Saudi

Saudi Petrochemical Company (SADAF), a 50-50 percent joint venture between Saudi Basic Industries (SABIC) and Pecten Arabian Company, a subsidiary of Shell Oil Company USA, has received approval for two multi-million dollar projects at its Al-Jubail, Saudi Arabia complex.

One project is a grass roots 700,000 metric ton per year MTBE-ETBE unit which will make a gasoline blend component needed to meet the requirements of the



QUALITY WAX—(l-r) Al Rieck, Steve Eubank, Rene Soliz, Bobby Pearce and Tim Bradley admire quality award presented to Solvents & Treating by customer S.C. Johnson Wax.



CARROLL VISITS—Joe Luciano (left), manager, and Larry Riley (2nd left), operations supervisor, both of Cat Cracking & Gas, talk with Phil Carroll (right), Shell Oil President; and Ron Banducci, general manager, Manufacturing/Oil, in the Cat Cracking control room during his visit to DPMC late last year.

Clean Air Act. M.W. Kellogg of Houston is the engineering and procurement contractor for this unit.

The other project is an expansion of the existing caustic soda and ethylene dichloride (EDC) facilities which will increase 280,000 metric tons. EDC is a primary raw material used to make polyvinyl chloride and is sold primarily in Pacific Rim and local Saudi Arabian markets. Fluor-Daniel of Houston is the engineering and procurement contractor for this expansion.

The projects should be completed by 1996. Brown & Root Braun of Alhambra, CA has overall project coordination responsibility.

## ✓ Shell prepares for installation of deep water "Auger" platform

After almost four years of construction, Shell Oil Company's record-setting "auger" tension leg platform was installed in the deep water of the Gulf of Mexico. The huge platform is under tow from Freeport, Texas, en route to its permanent location 255 miles southeast of Houston.

Installation took place last month in 2,860 feet of water, setting a world water-depth record for a drilling and production platform. It will surpass the existing Gulf of Mexico record by more than 1,000 feet.

"Auger is the most significant step yet into the deep water Gulf of Mexico for Shell and the industry," says JACK LITTLE, executive vice president, Exploration and Production. "It opens a new chapter in industry's efforts to tap the tremendous potential of this deep water frontier."

At the installation site, twelve tendons made of steel pipe, each more than a half mile in length, were attached to the corners of the floating platform and anchored to footings on the sea floor.

The entire Auger project will cost about \$1.2 billion. Production is expected to begin in early 1994 and reach a peak daily rate of 46,000 barrels of oil and 125 million cubic feet of gas in the year 2001. Total recovery from the Auger field is estimated at 220 million barrels of oil and gas equivalent. ■

## On-site equipment rental store open for business

Need a forklift, air compressor, or backhoe quickly? These and more are yours for rent at Shell Deer Park's new on-site equipment rental store.

Open since November of last year, your rental store offers a staff of six people, including on-site mechanics who deliver quick, competent service through Prime Equipment Company.

Customers (both Shell and contractor) have a choice of three rental options: requisition sent via APS (insert "PRM" for the buyer code in the SR function on the requisition), verbal order (call X4262 or X4263), or you may stop by the store and place your order in person. Look for the large green sign as you approach the West Warehouse.

Required for all rentals is the following information:

- Name of person placing order;
- Name of responsible Shell employee (on contractor orders);
- Phone number of responsible Shell employee;
- Job site or delivery location;

- A valid 11-digit Shell account number;
- Rental start date and projected end date.

All rentals will be summary billed directly to Shell Oil Company by Prime Equipment.

The Prime Equipment store is a product of months of work conducted by a team in Business Services who reviewed and agreed on the benefits of setting up an on-site equipment rental store. Similar stores have been



IN STORE—Prime Equipment store staffer loads a portable air compressor on a truck for delivery to a Shell Deer Park customer.

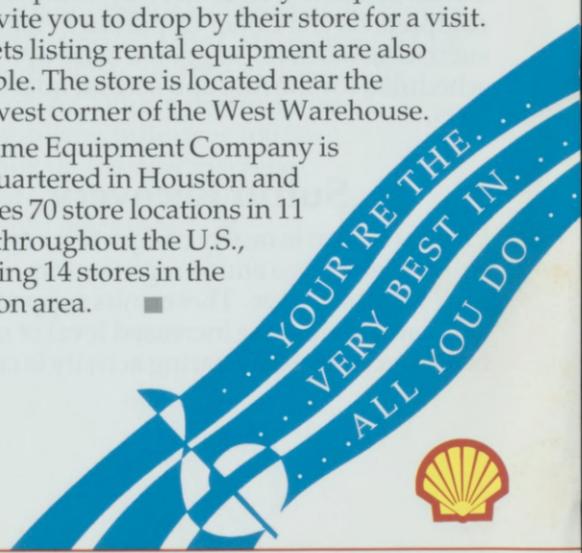
successfully operating at Shell Martinez and Shell Norco for the last three years.

"We are confident that the Prime Equipment on-site rental store will enable DPMC to realize significant savings, obtain rental equipment in a more timely manner and provide good historical rental data," says JAY TALLEY, a member of the rental study team.

Other members included ED COLTER (Head Office), MIKE KEENER and MIKE HARRINGTON.

Store personnel welcome your questions and invite you to drop by their store for a visit. Booklets listing rental equipment are also available. The store is located near the southwest corner of the West Warehouse.

Prime Equipment Company is headquartered in Houston and operates 70 store locations in 11 states throughout the U.S., including 14 stores in the Houston area. ■



## A Year-End Update

# MAJOR PROJECTS

by Karl Hood, MPO

**T**ake vacation for a week, return to DPMC, and the scenery may look different!

"Major Projects activities are in full swing and with the care, commitment and teamwork of all DPMC employees, DPMC is well on its way to upgrading to a world-class refinery," according to DAN BURT, superintendent, Major Projects.

Over the past several months, various portions of this billion dollar upgrade have been chronicled in the Shellegram. With 1993 behind us, an overall review of activities is appropriate and should help to reinforce our objectives.

"Our mission is to increase the profitability of DPMC," says Burt. He adds that we're doing this through prudent expenditures to construct and upgrade facilities that are safe, operable, environmentally sound, and necessary for the profitable operation of DPMC.

And now, the whirlwind tour of the changing face of Deer Park:

### Catalytic Cracking Unit Wet Gas Compressor

This facility will improve the reliability and efficiency of the CCU. Operator training and the Pre-Startup Safety Review (PSSR) are complete. The compressor train (motor, gearbox and compressor) has been successfully operated on air. Startup will occur in Jan./Feb.

### Alky/MTBE

Designed to improve our competitive position in motor gasoline, the MTBE (methyl tertiary butyl ether) Unit is currently in the startup mode. The Alkylation Unit will start up in February. Operator training and the PSSR are complete. Commissioning of the Alkylation Unit is near completion.

### Fuels West Control Center

The new control center is fully functional and currently supporting the operation of the Alky/MTBE units.

### Delayed Coker/Gas Oil Hydrotreater/Gas Plant

The centerpiece of Shell's joint venture with PEMEX, the DCU allows DPMC to process relatively inexpensive heavy Maya crude oil. Construction is well underway, and staffing is complete for the Coker Department with 23 successful bidders. Staggered start-ups are scheduled for the first and second quarters of 1995.

### Sulfur Recovery

Process design is nearly complete for two sulfur plants, two amine regenerators, and a sour water stripper. These units support the DCU and handle the increased level of sulfur in Maya crude. Site clearing activity is com-

plete, and construction is just getting underway. Also, to reduce plant-wide sulfur dioxide emissions, the SR-3/4 units are being equipped with a new SCOT unit (Shell Claus Offgas Treating). SCOT construction began this month.

### Distillation

DU-3 demolition is complete, as is process design for the DU-2 revamp. Facilities modification to process Maya crude will occur before and during the DU-2 turnaround in 1995.

### Cogeneration

Contracts have been let for the design and construction of the new 150-megawatt cogeneration facilities. Construction is underway, and Houston Industries Power Generation, Inc. will operate the facilities. Near self-sufficiency for electricity is the goal.

### Hydrogen

Process design for a new Pressure Swing Absorber is well underway. The PSA will supply high purity hydrogen to the GOHT and CFH. Additionally, contracts are being negotiated to import pure hydrogen from Air Products to supplement the PSA.

### Offsites

Revamping of a myriad of offsites facilities are in progress. These include an aggressive electrical pole line relocation project, construction of several CWTs, flare systems, facilities to comply with Benzene NESHAP and other regulations.

Dan reminds us, "These are exciting times for Deer Park, and as we enter 1994 we should keep in mind our mission, work safely, and continue to work as a team to make DPMC a world-class refinery." ■



STARTING UP—One of many workers adds finishing touches to Alky/MTBE Unit.

## Startup

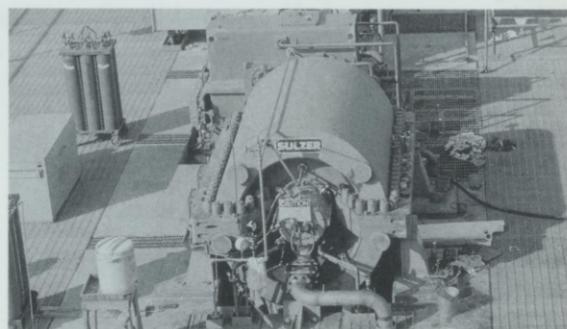
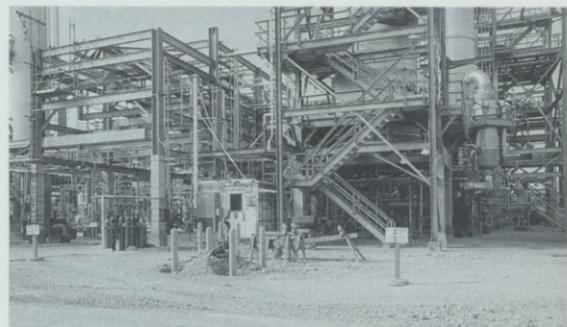
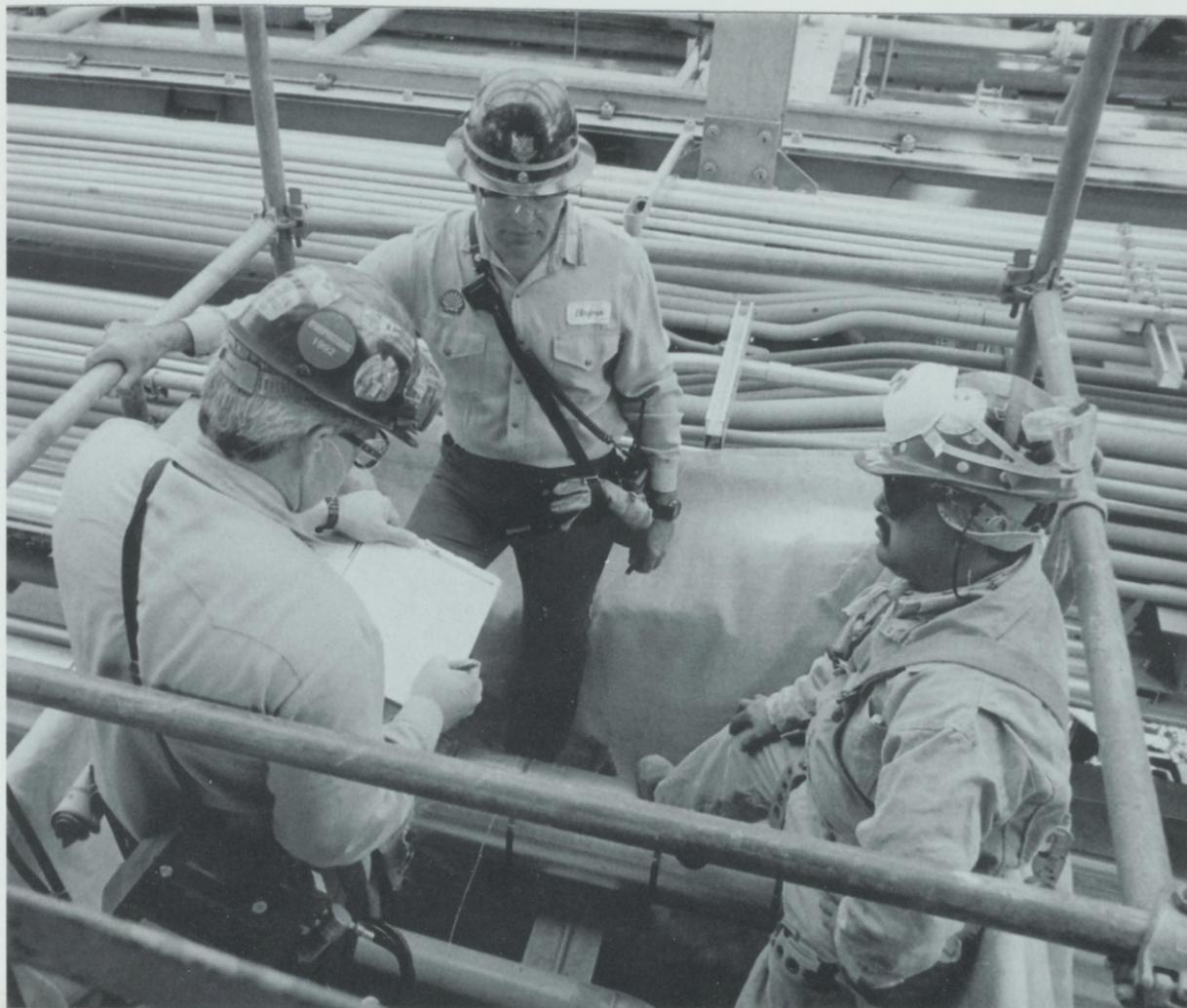
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"Throughout the organization there is a strong sense of purpose and cooperation to ensure that the project is a success and that we have a safe and efficient startup of the new facilities," adds Chouffot.

"The less glamorous, but necessary, work is behind us—all the document preparation, training, Pre-Startup Safety Readiness reviews, etc.," says Kimpton. "During this new phase of operations, personnel are making sure that all of the facilities are being started up safely as a first priority, then adjusted for efficient operation."

The Alkylation Unit produces alkylate, a key gasoline blending component for reformulated gasoline. MTBE will be producing methyl tertiary butyl ether, also a key gasoline blending component, for oxygenated gasoline and ozone reduction.

Final tie-ins for the Cat Cracking Unit's new wet gas compressor will be completed during the current CCU turnaround. The wet gas compressor is a motor-driven centrifugal compressor that will replace nine existing natural gas-driven reciprocal compressors. Improved compressor reliability will enable the CCU to run continuously at high feed rates. ■



MAJOR UPGRADE—(Above left) Allen Mott, CCU operator; Edgar Hinojosa, CCU operator; and Shorty Guverro, S & B welder complete fire and safety permitting for welding. (Top right photo) Grant Fabacher, CCU operations; Gary Mooring, MPO operations; Bobby Guerra, S&B safety; Allen Mott; and Edgar Hinojosa at the CCU wet gas compressor. (Middle right photo) MTBE Unit. (Bottom right photo) Cat Cracking & Gas wet gas compressor.

# What people are saying about Alky/MTBE and WGC

**Tom Stus**  
Operations Support Team Leader  
Technical support

"Everybody has focused on pre-startup preparations. Up until now it's been documentation, getting ready for training and doing all the support activities that the operating department will need to run their department. During startup, we will concentrate on technical support."

**Steve Bannon**  
Process Engineer  
Startup training programs

"A team consisting of engineers and foremen defined all the tasks an operator has to perform in order to do a job. We separated the nice-to-know tasks from the need-to-know. During training, we concentrated on the need-to-know."

**Don Netek**  
Operations Supervisor  
Job performance

"These are exciting times. I'm very excited and pleased with the organization here, the operators and the foremen. We will bring up the new units safely and efficiently. There is a very professional and safety-minded attitude here."

**Lamar Stokes**  
Operations Foreman  
Procedures manuals

"I didn't realize how much effort goes into writing training programs. There are comprehensive procedures that cover everything from start to finish in unit startups. There are so many details."

**James Newman**  
Operator  
Unit spaciousness

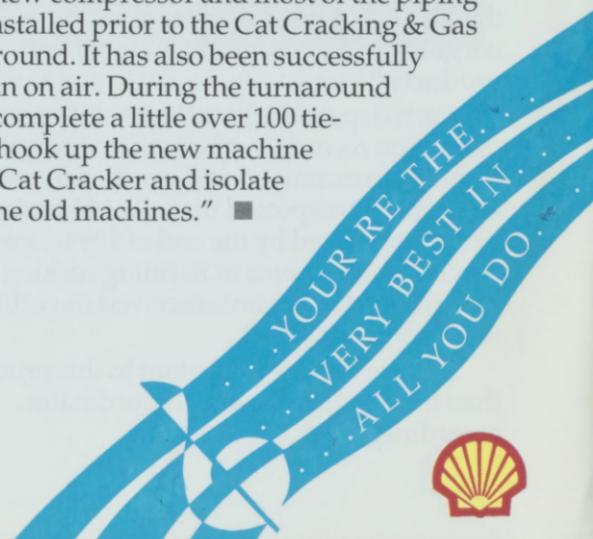
"What's different about this unit is the amount of space. You can look around and see that the facilities will be easier to operate and maintain. I'm really impressed with the design."

**David Gonzales**  
Operator  
Commissioning procedures

"We're writing commissioning procedures for process and utilities lines. They are designed to make it easy for operators to identify and follow lines out in the unit, access them safely, and be able to clean them out and prove they are clear."

**Gary Mooring,**  
Operations Representative  
CCU Wet gas compressor

"The new compressor and most of the piping was installed prior to the Cat Cracking & Gas turnaround. It has also been successfully test run on air. During the turnaround we'll complete a little over 100 tie-ins to hook up the new machine to the Cat Cracker and isolate the nine old machines." ■



# BLITZ!

(continued from page 2)

course offering a selection of experts and a class made up of Health & Safety and Environmental staffers and unit operators.

"The majority of those who attended agreed this is the best way to achieve mandatory training," says Williamson. "It's the easiest way to achieve compliance, better presentations and it's cost efficient."

LYNNE TACKETT, Health & Safety, agrees an important element of Blitz Training is having "knowledgeable, interesting and willing" instructors. "To that end, Health & Safety has participated in many blitz classes by providing instructors for such topics as Lock-out/Tagout and hands-on fire extinguisher training."

Adds Tackett, "More importantly, Health & Safety provides train-the-trainer resources, when requested, to assist other instructors presenting health and safety topics."

The real icing on the cake is that Blitz Training saves time and money. Training doesn't have to be rescheduled because of vacations and other conflicts. Equipment and personnel are utilized more efficiently. The

respiratory fit trailer doesn't hop from location to location, requiring frequent connecting and disconnecting.

Morgan believes the keys to effective Blitz Training lie in getting interesting subject-matter experts to present topics and delivering the material in creative ways to increase interest and enthusiasm. Blitz Training incorporates both.

"If a person sits in a training course all day with topic after topic, it can be awful," he says. "We add word puzzle sessions to break it up and keep the process interesting."

Morgan coordinates respiratory fit, audiometric and SCBA (self-contained breathing apparatus) testing. He also works with the training coordinators of each department requesting a blitz so that the special training requirements of each department can be met.

"I ask them what mandatory requirements they want to satisfy and give them examples of what others have done in their blitz process. I also try to make them aware of what resources they will need and suggest resources to them," he says.

This past November, blitz coordinators gathered for a session to determine how the process could be improved and to share learning experiences across departments. Employee Development anticipates that even more departments will use this approach this year to satisfy many of their mandatory training requirements. ■



THE BREATH YOU TAKE—Marsha Howerton of Respiratory Services, initiates the analyzer as employee dons half-face mask for respiratory fit testing.

## Coordinators put quality into ISO registration

Shell Deer Park is well on its way toward joining those manufacturers around the world who make products and perform their jobs under the quality standard called ISO 9002.

ISO stands for International Standards Organization, a registration process whereby companies document their operation, their process and their training. Through strict record-keeping, companies verify that they are indeed doing what they say they are doing.

"Internally, ISO 9002 represents good manufacturing practices," explains RICK OTT, manager, Economics and Scheduling, Chemical. "Externally, it's our ticket to play in the marketplace. As more firms get their ISO registration, we're finding it's going to be a requirement to sell our products."

Each department must have ISO documentation records in place, after which those records are examined and certified by external auditors. It is expected that all of Chemical will be ISO registered by the end of 1994, as well as specific departments in Refining seeking registration (Lubricants received its certification earlier last year.)

No one is more important to this process than the document control coordinator, according to Ott.

From their respective areas all around the Complex, document control coordinators manage the documentation system required for ISO registration. ALBERT RODRIGUEZ, operations foreman, Major Resins, is that person for Resins.

**T**his is a start of a system. Now we not only have to maintain it, we've got to continually improve it.

Rodriguez temporarily left his field job as operations foreman to set the groundwork for Resins ISO registration.

"We've gotten to the point where all of the manuals and procedures that pertain to the quality of the product that we make contain the latest information," says Rodriguez. "We also have a system established that keeps it that way."

Rodriguez compares the recent registration of Resins to a football game. Employees were the team players, helping out and enthu-

siastic. Resins won the game by becoming ISO certified by the external auditors.

"It's sort of the end of the beginning," adds Rodriguez. "This is a start of a system. Now we not only have to maintain it, we've got to continually improve it. Auditors will keep coming back every six months to make sure that we do."

"The document coordinator role requires a commitment and ownership that can come only from an individual who understands and believes in the system," says Ott. "Albert was challenged with a task that was very difficult to quantify and set expectations for, since the Complex and his department had no previous experience under the ISO 9002 standards."

With little direction, Ott says Rodriguez set off to understand the standards, interpret them for Resins operation and reduce this to documentation that was understandable to people in his department. CHARLIE CALABRESE, Quality Assurance Lab; DAVE LAMPTON, Major Resins; PAM MANLEY, BPA Manufacturing; and Resins internal auditors also helped Rodriguez continually improve the system until it was ready to be put into place. ■

# Walkers raise funds for United Negro College Fund

RON COVERSON, Control Systems; MAXINE JONES, Central Maintenance; and LARRY ALLEN, Resins; and GARY HARRISON-DUCROS, Human Resources; raised \$4,830 in the recent United Negro College Fund Walk-A-Thon, helping to make Shell the top company in contributions and matching funds.

Chaired by Olympic Gold Medalist Carl Lewis, the Walk-A-Thon raised \$164,000 locally to support UNCF sponsored colleges, exceeding its goal of \$150,000.

The majority of the funds came from DPMC employees, with additional money made available through Shell matching funds. Shell's total contribution, including funds raised through the efforts of JANE BROPHY, SERVE team captain at Head Office was \$14,000.

The trophy awarded to Shell will be displayed in the cafeteria for several months after which it will find a permanent home at Head Office.



WALKERS—(l-r) Maxine Jones, Larry Allen, Ron Coverson and Gary Harrison-Ducros (not pictured) show off an award given by the United Negro College Fund. Employee contributions and matching funds made Shell the top sponsor of the Walk-A-Thon.

"I, Maxine, Larry and Gary appreciate the response from DPMC and thank everyone for their contributions," says Coverson.

UNCF colleges are open to all races and nationalities.

## SCORANOTES

### Volleyball

SCORA co-ed volleyball for fall 1993 was completed in November with the "No Netters" finishing regular season play in first place with 14 wins. The second place team, managed by MIKE CUNNINGHAM, was "Tastes Great". Third for the regular season was the "Lab Rats", managed by STAN SHROYER.

The end of the season tournament was won by the "No Netters", who lost the first game but fought to the end to win overall by defeating the second place tournament team, the "Lab Rats", in two straight games. NWA, managed by ACE RHODES, finished the tournament in third place.

Teams have formed for the winter 1994 volleyball season which began in January. If you are interested in playing this season or next, contact MARY HALEY at X6-6290 (246-6290).



WINNERS—No Netters win volleyball tournament. Team members are (l-r) Rusty McConnaughey, Sandra Runge, Curtis (Goose) Gandy, Vicky Rivera, Richard Palacios, Mary Guerrero, Danny Rivera and Chava Guerrero.

### Whacker League

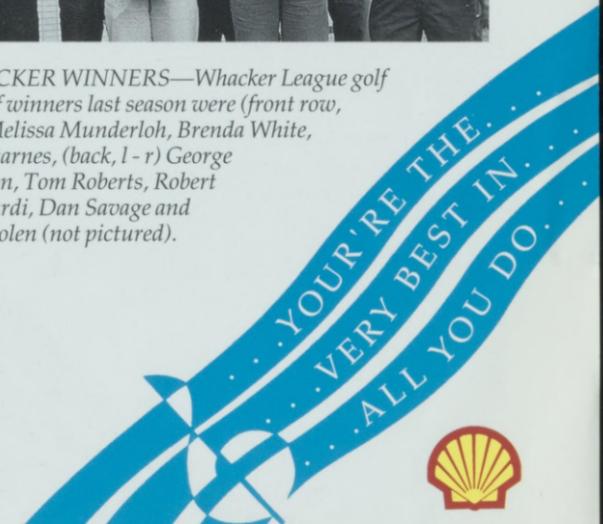
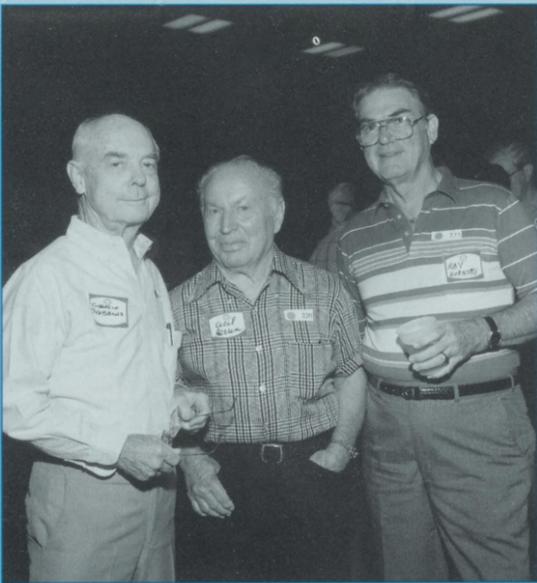
The Whacker League again completed a successful 1993 season, finishing with the league championship. The league is a two-person handicapped golf league which starts play in April and ends with a fall playoff. Golf matches are played at San Jacinto's Master Course.

In 1993 the league had 32 teams competing, including three that had never played before. Look for more information on SCORA bulletin boards this spring about how to become part of the 1994 season.



WHACKER WINNERS—Whacker League golf playoff winners last season were (front row, l-r) Melissa Munderloh, Brenda White, Ray Starnes, (back, l-r) George Johnson, Tom Roberts, Robert Lombardi, Dan Savage and Ken Nolen (not pictured).

## 10&OVER PARTY HIGHLIGHTS



## MILESTONES

### Service Anniversaries

#### 30 YEARS

R.D. MOSELEY  
Product Analysis

#### 25 YEARS

M.L. CREEL  
Project Engrg.  
B.J. CROUCH  
Business Serv.



J.L. DANIELS  
Lubes Maint.  
(above, Nov.)  
L.W. DYER  
Cat Crack./Gas



T.E. EDGE  
Control Systems  
(above, Oct.)  
P.J. GOODINE  
MPO/Coker



B.C. HARDY  
HS&E  
(above, Nov.)  
R.E. JONES  
Lube Logistics  
H.D. KELLER  
Resins S.E.T.  
T.L. McMILLAN  
Resins Maint.  
S.A. MALONSON  
Aromatics



J.W. MORRIS  
Major Resins  
(above, Nov.)  
M.A. ROCHON  
Cat Crack./Gas  
M.J. SCHOBEL  
Engrg. Maint./PERMAC  
V.A. SERVANCE  
Business Support  
J.M. SHILLING  
Olefins Maint.

R.E. SULLENDER, JR.

West Lubes Maint

#### 20 YEARS

D.R. BRATTON  
East Maint.  
W. JOHNSON  
Project Engrg.  
M.N. MARTIN  
MPO/Startup  
D.J. RIESS  
Control Systems

R. RIOS  
Resins Maint.  
R.B. YOUNG  
Heavy Olefins

#### 15 YEARS

K.R. BLANTON  
Alky/MTBE  
M.R. BRIONES  
Utilities Prod.  
C.E. GILBERT  
Utilities Prod.  
W.L. HENRY  
Log./Util./Env.

D.A. KING  
Business Support  
S.E. MEDLEY  
Control Systems  
J.E. RADFORD  
Central Maint.

R.L. RAUCH  
Utilities Prod.  
M.M. REBSTOCK  
Resins Maint.  
(Nov., 1993)  
H.L. STOKES  
MPO/Startup

C.A. CAMPBELL III  
Control Systems  
C.C. HERRON, JR.  
MPO/Startup

#### RETIREMENTS

K.F. COCHRAN  
Dispatch Oprns.

## CLASSIFIEDS

• FOR SALE: Three cemetery plots, Forest Park East. \$2,950. Includes Perpetual Care. Contact MURPHY JORDAN at 512/847-2865.

• FOR SALE: Used piano: For beginner. Contact JIM OVERMAN at X6-6593 (246-6593) or 480-9209.

• FOR SALE: Full-size GE camcorder with 2 batteries and charger. Needs some work. \$85. Contact JIM OVERMAN at X6-6593 (246-6593) or 480-9209.

• FOR SALE: 1985 Chrysler Fifth Avenue. All power assists. Leather seats. Graphic equalizer radio & cassette. Aluminum wheels. Crystal Silver. One owner. Mint condition. \$3,250. Call JOE CARACCILOLO at X6-7755 (246-7755) or 440-1182.

• FOR SALE: Man's 2 ct. diamond cluster ring. A-quality diamonds. Extra heavy shank. Sells for \$3,400. Asking \$1,800. Contact WALTER at X6-6735 (246-6735) or 471-8633.

• FOR SALE: 1967 Firebird, 400BB. Good project car. Some extra parts. \$1,800 negotiable. Contact LINDA DIANE JONES at 479-0592.

To place a classified ad, prepare a brief message indicating that you have something for sale, rent, want to buy, etc.. Include details, price (if desired), your full name and telephone number(s) at which you can be reached. PROFS to AM123 or send to Shellegram, North Admin. Room 238A. From outside the Complex, write to: Shellegram, P.O. Box 100, Deer Park, TX 77536.

## ANNOUNCEMENTS

The Shell Deer Park museum has a limited quantity of extra Shell Desk Diaries which they would like to share with other collectors. Also, their collection is missing some 1960s issues and is looking for donors to replace them. Contact MAURINE BISHOP at x6-1195 (246-1195), or MTB (PROFS), or come to the museum on Fridays.

### Shellegram deadlines

Have an idea or a written Shellegram story? Articles for the March issue should be turned in by the second Monday in February—or 10 days earlier if the Shellegram editor has to write it.

This schedule stays the same each month. In other words, articles are due the second Monday of the month prior to publication; ideas are due 10 days prior.

Help get news and interesting feature stories into print before they get old. Call the editor at X6-6372 or send your article to North Admin. Room 238A or PROFS AM123. From outside the Complex mail to Shellegram, Shell Oil Company, P.O. Box 100, Deer Park, TX 77536.

**MEMORIAM**—S.M. SCHULTZ, retiree, died Nov. 11 in Pasadena. NEALIE BROWN, retiree, died Nov. 29 in Houston.

## SHELL DEER PARK MANUFACTURING COMPLEX... DEER PARK INDUSTRY OF THE YEAR

# SHELLEGRAM

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