



Shellegram

Deer Park Manufacturing Complex

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Vol. 49, No. 9

With Thermal Cracking unit

DPMC gets into asphalt business

The Interstate Highway from Poplar Bluff, Missouri, to Duluth, Minnesota, might be paved with asphalt from Deer Park.

What? That can't be so. DPMC does not manufacture asphalt for direct highway use, much less ship asphalt to the Mid-Continent district. Isn't that the domain of Wood River?

Both paragraphs are correct. The second was true until a couple months ago. Now the first paragraph is more accurate.

The five cent a gallon federal highway tax on gasoline spurred road work, thus increasing demand for asphalt, and tough economic times forced some small refiners out of the asphalt market. Shell was poised to take over a larger stake as an asphalt supplier.

But the company had a major problem. Wood River, Shell's major asphalt manufacturer, was undergoing a turnaround on its Distilling Unit 2. Wood River wouldn't be able to meet the demand.

Deer Park to the rescue.

George West, Shell's Business Manager for Asphalt Residuals asked DPMC's Residuals Business Team to produce asphalt within 30 days. DPMC Needed to enter the market quickly since asphalt is a seasonal, warm weather business.

"It was an ambitious but achievable task barring technical problems," said Ted Coonan, process manager of Alkylation/Thermal Cracking, a member of the Residuals Business Team. "The most difficult thing was making sure everyone who should be involved was involved."

Converting to asphalt production involved various DPMC departments. Distilling Units 1 and 2 would provide feed to Thermal Cracking to make thick pitch asphalt in the Flashers. Efforts from the Refinery Lab would be critical in assuring quality of the new product. Dock Operations would need to load pitch into barges in a manner that would allow proper blending during transportation, an operation never done before at DPMC.

Process Engineering, Engineering Ser-

vices, Inspection and Maintenance would be critical to designing and installing adequate process changes. And Economics and Scheduling would need to change crude diet and shuffle feedstocks to be sure the rest of the refinery business wasn't affected.

The technical and physical changes were made within two weeks, including upgrading of sampling stations to guarantee safety during frequent sampling necessary.

The remaining two weeks were spent making product, sampling and analyzing it to be sure it met specifications and changing the process to get product on spec.

One problem corrected during the two week period involved a lubricant used in pump seals. Pumps used to move pitch from the unit to storage are designed to leak a small amount of seal oil into the pitch. But the seal oil had a significantly lower flash point than the pitch, thus reducing the flash point of the product.

To compound the problem, results from

samples off the unit were returning false on specification readings due to high sample temperature. Only when samples could be pulled from the cooler storage tanks was the flash specification seen to be off spec.

"Operations worked with Technical to discover the problem," said Lynn Elsenhans, project coordinator. "The problem was discovered on a Saturday, so Maintenance was called out. They changed the seals and switched the seal oil to pitch. Working together the problem was corrected in less than eight hours, once discovered."

Elsenhans said excellent cooperation throughout the conversion along with extra effort to communicate prevented problems. "Everyone understood what was being done and got the job done. When problems came up, whoever was able took care of the problem," she said.

Cutter stock contamination was an initial concern. "Before we started the project,

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Fall Blood Drive scheduled for DPMC employees to donate

The Fall Blood Drive will take place Oct. 29 through Nov. 1 in the South Cafeteria and Nov. 5 through Nov. 8 in the Financial Auditorium with a goal of increasing the number of units of blood donated.

In the Spring drive 277 DPMC employees gave blood, a substantial drop off from the nearly 500 employees giving a year ago. With 190 units of blood used by Shell employees in the Houston area through August of this year, Shell employees are being encouraged to return to the record numbers of donations in past years.

"Our donations help assure that blood will be available when our family or friends need it," said Carl Reed, Employee Relations, coordinator of the Fall Drive. Reed mentions the

theme of this blood drive is "Only YOU can be a Life Giver."

If at least 25 percent of Shell's employees in the Houston area donate blood, all Shell employees benefit. Donors receive credit on hospital bills for processing and recruitment fees for blood units they or their families use.

Non-donors receive credit on the recruitment fee, but still must pay the processing fee.

Employees wishing to donate should return the registration card recently received to Room 149, North Administration, or call extension 6550 to schedule an appointment. Appointments will be scheduled from 8:30 a.m. until 4:30 p.m. each day of the drive.

As employees pledge gifts

United Way campaign nearing goal

Although employee contributions were short of the 1984 goal after the third week of the DPMC United Way campaign, campaign leaders were confident the employee campaign would reach its goal of \$165,000.

As of Oct. 5 employee contributions totaled \$119,433.56, 72 percent of the campaign's goal with one week remaining. "We have more than 800 cards still out and if those come in at the average per capita gift level we will be doing all right," said Southside Campaign Assistant Ken Lawrence, who said the employee campaign is expected to make its goal.

The average employee gift is nearly \$67, while the per capita gift has averaged \$54. Both are slight increases from last year.

The employee campaign started Sept. 15 with a kickoff rally and picnic at Buckhorn Ranch. Enthusiasm from the rally was carried over to a three-day blitz solicitation of employees. However, pledge cards have been slow to come in during following weeks.

"The employee United Way campaign identified from the outset that we would have to increase employee participation if DPMC was to reach its goal," said Mike Martin, campaign co-chairman. "Although the average individual contribution has always been generous, we set our strategy to im-

prove the percent of employees participating.

"Because of tremendous effort from the committee, 53 hourly solicitors and a number of staff solicitors, we reached a greater number of employees, increasing participation and the per capita gift," he said. "Now we need to be sure the outstanding pledge cards get returned so we can meet our goals."

An all-day barbecue, picnic and United Way kickoff rally at Buckhorn Ranch brought together 600 DPMC employees and family members with people who are helped by the United Way.

The Shell employees were joined by 150 guests from eight United Way agencies, some of which provided entertainment and others information about their charity organization.

Information booths set up by Camp Fire Girls, Girl Scouts, Sickle Cell Foundation, Lighthouse of Houston and Red Cross greeted employees as they entered the picnic grounds.

Other agencies provided information about their organization through entertainment. Ripleyhouse's mariachi band and Rusk Settlement's Spanish dancers captured the most attention, with the YMCA's gymnastics team getting their fair share.

The rally was intended to build employee



INFORMED DONOR...A Camp Fire Girl provides information about the United Way-supported agency to Larry Horstman, superintendent of Chemical Operations, during DPMC's United Way Kickoff Rally.

support for the DPMC United Way campaign by exposing employees to individuals being helped by United Way dollars. Most employees were impressed with the varied programs United Way supports.

A highlight of the rally was the selection of door prizes. Committee members gave away 37 prizes ranging from free dinners to sporting goods and entertainment packages. Following is a list of merchants donating door prizes for the United Way event:

Old San Francisco Steakhouse
Lynchburg Crossing Restaurant
Monument Inn Restaurant
Gallery Steak House
J.C.'s Dinner Theater
Texas Tumbleweed
McDonald's Restaurants
Jug and Muffin Restaurant
Steak and Ale Restaurant
Cookie Jar Bakery
Reed Bakers
AstroWorld

Hurricane Lanes
LaPorte Bowling Center
Olan Mills Photography
Fingers Furniture
Academy Sporting Goods
McDowell's Sporting Goods
Wilson's Sporting Goods
Pettigrew Smith Auto Supply
Fischer Auto Supply
Mayson Auto Supply
Fisher Hardware



INFORMATIONAL VISIT...Bonnie Johnson visits the San Jacinto Council Girl Scouts informational booth during DPMC's United Way rally.



**People Helping People
The United Way**

SCORA News:

Basketball, running, carnival, racing

SCORA will host events for varied interests in coming months.

OCTOBER 22 BEGINS a 12 game basketball season with action taking place at the Pasadena Athletic League gym. Lloyd Kirk and Henderson Hammit will again co-direct the roundball league. Employee club members interested should contact Kirk, 6382, or Hammit, 7406.

THE SCORA RUNNING CLUB will sponsor a Shell employees family fun run Oct. 27 in San Jacinto Monument Park. The event will

feature two runs, a 3.1 mile and half mile run. Action gets underway at 8 a.m.

The running club will provide refreshments and award ribbons to all children finishing the race. Additionally, top three male and female finishers in various age categories will be awarded ribbons.

Participants can register the day of the run, or by contacting Rick Baker, 6282, Steve Markland, 7040, Steve Wilson, 6181, or Sheila Barron, 6801.

THE CHILDREN'S HALLOWEEN carnival is scheduled for Saturday, Oct. 27, 2 until 4 p.m. in the student center at San Jacinto College. Volunteers are still needed to help stage carnival activities and to bake cakes for the popular cake walk. Contact Carolyn Anderson, 7445, for more information.

A SCORA WEEKEND at Delta Downs is scheduled for Nov. 3 and 4. A chartered bus will leave DPMC at noon Nov. 3 and return at 9:30 p.m. Nov. 4.

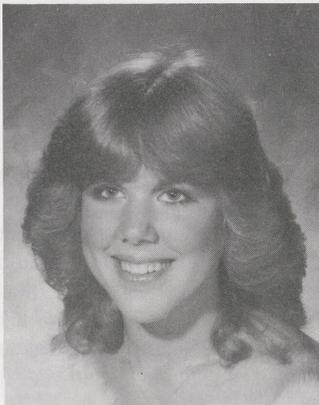
Price of the trip is \$45 for members, \$50 for guests. The price includes bus transportation, double occupancy accommodations at the Best Western Hotel in Vinton, race track admission, reserved club house seating (coat and tie required), and race programs.

Reservations can be made through Carolyn Anderson, 7445.

CLUB MEMBERS should mark their calendars for Dec. 9 when SCORA will host the annual Christmas Dance at the Petro-Tex Club and Dec. 15 when the employee clubs will host the annual Children's Christmas party. As always, both events will feature a visit from Santa Claus. How many shopping days are left before Christmas?

Recent graduate congratulated

Earlier this year the **SHELLEGRAM** omitted a graduate from the special graduation supplement. We regret the error and run the photograph and accomplishments of Janice Marie Michalek below with our apologies to Janice and her family.



JANICE MARIE MICHALEK

(E. R. Michalek - Engineering Support). Sam Rayburn High School. Student Council, Tri-Gamma - Secretary, Tri-Beta - Reporter, Tex-Ann Drill Team - Reporter, Voted Miss Spirit. Will attend San Jacinto College and major in Computer Science.



Halloween safety tips listed; motorists, homeowners warned

High-spirited children excited about Halloween are rarely cautious during the big night out.

Thus, a safe Halloween involves cooperation by parents, motorists and homeowners, according to the Texas Medical Association.

Parents should make sure children have safe costumes. Cloth masks or entire head masks are dangerous because they can impair a child's vision or breathing. An option is to paint a mask on a child's face with cosmetics or grease paint.

Loose fitting costumes might catch on

fences or other obstacles. Dark costumes are difficult for motorists to see. Reflective tape can be put on youngster's jack-o-lanterns or costumes to increase visibility.

Parents should warn children not to eat candy or fruit until it is checked.

Motorists can do their part by slowing down and driving with extra caution in residential areas, and homeowners should light their property so youngsters do not trip over stairs or other obstacles.

Common sense can help ensure that children enjoy a safe Halloween.



FUND RAISER...SCORA members manned a barbecue booth at the Fall Festival to raise funds for the employee's club. Junior Guillot, left, and Bill Entekin show off some of the smoked items.



OUTSTANDING EFFORT...The DPMC Fall Festival retired employees for volunteer efforts in the community business and industry division at the Chamber of Commerce. DPMC's 1983 display also won first place in that category.



AGE OLD INTEREST...A unique arrangement of Shell memorabilia captured the interest of spectators and judges as it won second place in the business and industry category. The display was sponsored by DPMC's Historical Society.

Shell display bo DP Fall Festival

For the second consecutive year, a Shell display booth was cited as the most outstanding booth in the industrial category at the annual Deer Park Chamber of Commerce Fall Festival.

And for good measure DPMC claimed the second prize as well.

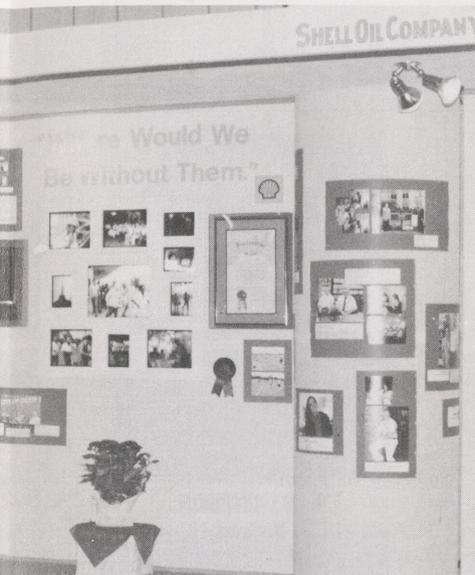
A Community Relations-sponsored booth swept its second straight first place ribbon for outstanding booth appearance, design and portrayal of the festival theme.

A DPMC Historical Society-sponsored booth took second place for its display of Shell memorabilia.

The Community Relations display centered around the Fall Festival's theme -- "Success through Involvement." Realizing much of the success of the Deer Park community throughout the years is due to Shell employee involvement, the Shell booth focused on a representative group of DPMC employees who have been vitally involved in area activities.

The display recognized employee efforts in local politics, volunteer fire departments, recreational organizations, schools, churches, civic and charitable organizations. More than 60 active and retired DPMC employees were pictured taking part in various volunteer activities.

A special tribute was paid retiree Leroy Panzer who drowned Aug. 9, 1983 attempt-



ival exhibit recognized more than 60 active and community. The exhibit was judged as best in the of Commerce's retail and commerce showcase. that category, as well as Best of Show.

booth wins val honors

ing to rescue three children from the Trinity River.

"The greatest gift of involvement is giving your life to help others," began the tribute to Panzer. Panzer did just that and was bestowed hero's honors by the Carnegie Hero Fund Commission.

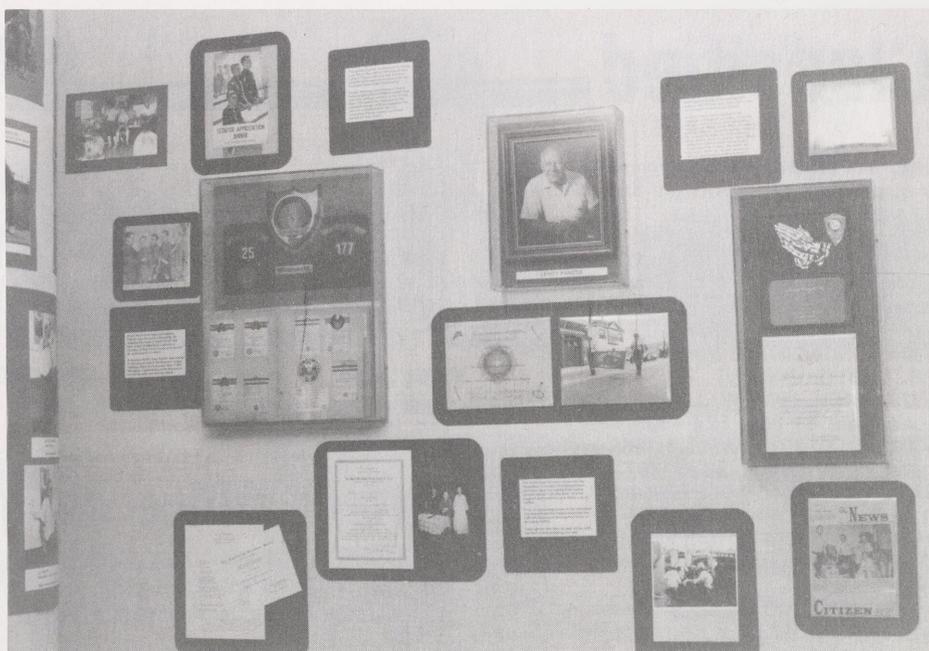
While his last generous act brought him public recognition, Panzer quietly volunteered for many years in an impressive range of activities, including scouting, little league, Red Cross, church and the Pasadena Volunteer Fire Department.

"Many DPMC employees quietly work behind the scenes and many others take leadership roles," said Dennis Winkler, Community Relations, coordinator of the Shell display. "Shell is proud of the involvement and dedication of its employees to making their community a better place. We salute all Shell volunteers by featuring this representative group."

A third DPMC group participated in the Chamber of Commerce's annual three-day retail and commercial showcase. SCORA fired up Mr. T., the club member-built barbecue pit, and sold barbecue to visitors at the exhibit and adjacent carnival. Intended as a fund raiser for the club, the event turned out to be a run raising event as well, according to members who worked the sales booth.



FINE TOUCH...Russel Adams, South Carpenter Shop, helps Julia Opre put finishing touches on a display case for the Fall Festival booth.



HERO'S HONORS...A special feature of the Shell display was a tribute to retiree Leroy Panzer. Panzer, who drowned attempting to save three youths, spent a lifetime sacrificing to help others. The display recognized his efforts in scouting, little league, Red Cross and volunteer fire fighting.

DPMC Retirements and Anniversaries



JO ANN BERWICK
Retired



W. R. ENGLEHARDT
Retired



O. D. HORN
Retired



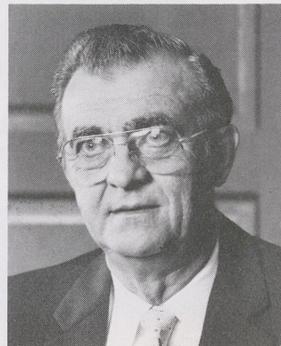
E. G. KINGDON
Retired



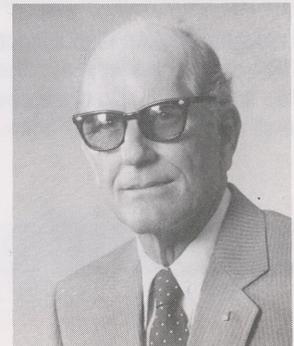
M. K. LAWHORN
Retired



R. L. REEVES
Retired



K. N. ROGERS
Retired



J. THOMAS
Retired

Classified

FOR SALE

1983 4x4 BRONCO, bright orange, tan stripes, V-8, power, auto, rack, extra tires. \$10,400. 471-8323

1982 DODGE RAM, auto, air, mag wheels, AM/FM stereo, 20,500 mi. \$6,200. 487-8511

LATE MODEL CAR, 20 percent below book value. 1-538-1504

1950 WILLYS JEEP, \$2,000. 676-1652

1984 HONDA 200X, 3 wheeler, extras. \$1,500. 862-2831

1976 HONDA 750F, W. J., luggage rack, king/queen seat. \$1,350. 324-1900

YAMAHA I.T.175, \$475. **3 BIKE** motorcycle trailer, 12 in. wheels. \$225. 487-2522

JAYCO CAMPER TRAILER, sleeps 8, dbl. sink, 3 burner stove, oven. 444-7895

1984 CASITA CAMP TRAILER, 16 ft. self cont., lt. weight, fiberglass, carpet, extras. \$6,000. 862-2831

16 FT WOOD BOAT, 50 HP Johnson, 15 in. whl. tilt trl., depth gauge, compass, ice box, bait well, wsh., top. 946-4017

BRICK HOME, 3 br., 2 bt., half acre, 1,900 sq. ft. living, 900 sq. ft. detached gar., 3 yr. old, Lomax area. \$78,000. 471-4661

WEEKEND COTTAGE, 600 sq. ft., 2 lots, 2 stg. bldgs., carport, fenced, Turtle Bayou Est. 452-2866 after 7 p.m.

NEW BRAUNFELS AREA, lg. home w/ 2-2 apt., pool, 2 acres, fenced, fr. trees, sale/trade. 1-512-885-7681

CABIN, 2 lg. lots. Horseshoe Lake Est. \$8,000. 472-3746

CANON AF, Super Sure Shot, 35 mm, 40 mm F/19 lens, \$125. **KODAK DISC 8000**, \$50. 487-7484

1909 BOOTHE BROS. upright piano. Tuned. \$500. 487-7546

PATIO DOOR, 3 section. Offer. 333-3439

FOR RENT

3-1-1 HOME, Sheldon Woods, lg. yd., trees, cent. air/heat, carpet, panel. \$450/mo., \$300 dep. 456-8049



R. W. VANSTON
Retired

Head Office congratulates workers

DPMC employees participating in the Cat Cracker Revamp Project recently were recognized by Head Office for a job well done.

Al Flora, general manager, Refining and Marketing, Eastern Region, telegraphed his appreciation to Deer Park employees. Flora said, "The design, construction and start-up of the Cat Cracker project appears to be an outstanding success. All participants

are to be congratulated."

Deer Park management echoed Flora's approval. "DPMC management joins Mr. Flora in extending congratulations to all involved in this complicated and lengthy project on a safe and thoroughly professional effort," said Bill Thompson, complex manager.

The **SHELLEGRAM** will recap the Cat Cracker revamp efforts in the next issue.

DPMC Retirements and Anniversaries



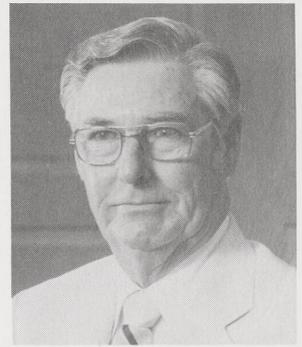
ROY WEGENHOFT
Retired



D. E. WOMACK
Retired



PAUL BOND
35 Years



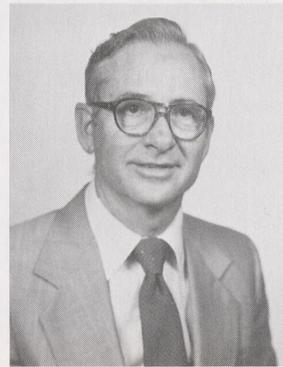
O. L. CHAPPELL
35 Years



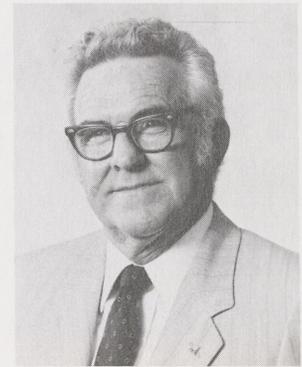
JACK MINTER
35 Years



LOUIS WIEDERHOLD
35 Years



H. D. WILBORN
35 Years



M. D. ALEXANDER
30 Years



JOHN BURKS
30 Years



L. COPELAND
30 Years



R. L. KIBBY
30 Years



BEN MOORE
30 Years



J. R. NEWMAN
30 Years



E. C. SAVELL
30 Years



L. F. SKRIVANEK
30 Years



H. AKERS
25 Years

Bookout: Oil prices benefit all

Oil producers and consumers are best served by an oil price balance similar to today's, Shell president John F. Bookout told a gathering of Texas Mid-Continent Oil & Gas Association members recently.

Bookout told his audience today's prices are low enough to increase consumption, yet high enough to encourage exploration for more oil and gas.

The Shell president cautioned that a continued slide in oil prices might discourage exploration for more oil and gas, while increases in oil prices could reduce demand by making alternate fuels such as coal more economically attractive.

"Today's price structure is enough to enable us to explore in hostile areas and to

develop the technology to breathe new life into old fields," Bookout said. The latter phrase referred to enhanced oil recovery projects to extend the producing life of existing fields, such as Shell's use of carbon dioxide to float additional barrels of oil to the surface.

He told the Oil and Gas Association, meeting for its 65th annual convention, the industry can't fully develop available domestic oil and gas resources without a more favorable economic environment, including removal of the so-called windfall profit tax and reduction of state severance tax on oil produced by enhanced recovery techniques.

Bookout revealed a Shell study which showed the barrel of oil historically priced at \$10, using 1984 dollars, during a century of oil exploration. Today the average price is \$26 a barrel.

Carpooling opportunities still available for DPMC employees

In late September and early October, DPMC employees signed up for benefits of carpooling. Although you may have missed the initial rush, you can still join the carpooling program.

To join, employees can call Houston Metropolitan Transit Authority CarShare, 227-0003, or the DPMC Carpool Information Line, 476-6550.

For employees who participated in the October solicitation, CarShare is preparing a listing of prospective DPMC carpoolers which will include names, work locations and hours in an effort to match drivers who want the benefits of preferred parking, lower insurance rates, gasoline savings and companionship.

Employees will use the list to arrange carpools by contacting employees with similar work situations.

DPMC provides parking in preferred lots to qualified carpoolers. To qualify, an employee must regularly commute to work with at least one other Shell employee and display a color-coded carpool parking tag.

To secure the parking tag, employees should fill out a Preferred Parking Tag Application and return it to Room 149 in the North Administration building.

Cooperation, team work get product out ahead of schedule

Continued from Page 1

Herschel Smith, operations foreman, Thermal Cracking, wrote operation guidelines and reviewed them with operators," Elsenhans said. "Cutter stock valves were painted and awareness of the potential problem increased. The result was no problem."

The highlight of the project was finishing one day ahead of schedule, Elsenhans said. "We had a definite plan, so when things went wrong we were able to quickly get back on track. Everyone pulled together and we got the material out one day ahead of schedule."

Does the success of this short-term run have the Residuals Business Team thinking asphalt as a long-term business? "If we can do it all in Thermal Cracking, the asphalt business would have minimal impact on the refinery," said Coonan.

"The Thermal Cracking Flashers are relatively independent of refinery business and are idle part of the time," he said. "Using the Flashers to make asphalt didn't force us to give up any product in the refinery balance. If we can enter the asphalt business for the long-term with similar results, we might consider asphalt another business market for DPMC."

Shellegram

Deer Park Manufacturing Complex

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