



Shellegram

Deer Park Manufacturing Complex

April 1987

Vol. 52, No. 4

Looking at gas production

Editor's Note: In upcoming issues, the SHELLEGRAM will take a look at gasoline production at DPMC. To get an overview of the process and how employees contribute to SHELLEGRAM talked to JIM NEWLIN, East Superintendent.)

Why is there always a push to make more gasoline in the summer?

We are in a seasonal business. Gasoline demand is higher in the summer than at other time. Years ago, it was an industry practice to build up your gasoline stocks in the winter to take you through the summer. Now there is spare production capacity in the refining industry so that we

don't have to do this. Also, it's expensive to store gasoline because of high inventory costs. Today, the tendency is to make gasoline as we need it.

Q: Last summer, DPMC produced more gasoline than ever before in this decade. Can we expect to do that again this summer?

A: That depends on how profitable it is to make gasoline. One of the factors we have to contend with this summer is lower lead levels in regular gasoline which results in higher octane component needs. And some low octane components such as pentane and raffinate will not be blended into

gasoline. As a result, our capacity for making gasoline will be lower than last summer but just as challenging.

Q: What are some of the ways to increase gasoline production at DPMC?

A: We've already taken a look at capital improvements. But those are more for the long-term. For the short-term, we can increase production with operational improvements. Each operating department has come up with what they think they can produce and some suggested items for improvement.

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Teamwork aids successful turnaround

Units in Olefins and Utilities-South underwent major turnarounds in March, and extensive teamwork played a key factor in their successful competition.

"Hundreds of people were involved in this month-long, \$6 million turnaround," says BRUCE DUBOSE, Light Olefins operations supervisor and head of the Olefins shutdown management team. "By having teams set up to do the planning, the work was not only more productive, but also more cost efficient."

There were four major areas involved in this project — Pyrolysis, Light Olefins, Ethadiene/Hydrotreater/Isoprene, and Utilities-South. Teams were set up for each area to prepare for and carry out the work. "In addition to these operation and maintenance planning teams, there was a Resource Team and a Management Team involved in the planning and execution," Dubose explains. "Close communication among these groups was crucial in making the work go smoothly."

The main objective of the project was to prepare the Olefin units so they could operate continuously for four years before

the next turnaround. The units last underwent a major turnaround in 1983.

As part of the recent turnaround, major maintenance work involved changing catalyst at HT-2, inspecting and repairing the Pyrolysis main fractionator and the propylene refrigeration turbine, retraying the

depropanizer, changing drier desiccant and installing a new elevated flare tip.

In Utilities-South, nearly all systems were involved in the turnaround. Inspection and repairs were made to the boiler stack, the boiler feed-water system, all

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Members of the Olefins and Utilities-South Shutdown Planning Team included (left to right) Andy Chester, BD/HTI Maintenance; Bruce DuBose, team leader; Dan Fine, Light Olefins Operations; John Bradford, Light Olefins Maintenance; Sherri Hartley, secretary; James Tribble, Utilities-South Maintenance; Tom Jasek, Utilities-South Operations; K.W. Jones, Pyrolysis Operations; and Roy Webb, Pyrolysis Maintenance.

Disbursements sets new record for invoices



Disbursement employees (left to right) Pam Washington, Bootie Hunter, Judy Brown, Lenora Rhodes, Annetta Grevenburg, Theresa Sandles, Cindy Watlington, Teresa McCafferty, Sylvia Mesa, Carolyn Brooks, Carol Boyett and Cindy Lamparter join Supervisor Lee Kunkel in announcing their record-breaking achievement.

Employees in DPMC's Disbursements Section processed 5,727 invoices in March, the highest single total since October 1986.

"We set this current record with six people in our group than we had 10 years ago," says LEE KUNKEL, Disbursements Section supervisor. "This represents an exemplary effort and a tremendous start toward accomplishing our 1987 goals."

Lee says the employees processed 15,382 invoices in the first quarter of 1987, nearly 10 percent more than the same quarter of 1986.

The Disbursements department is responsible for making payments on all invoices handled through the Complex.

DPMC employees help homeless with food and bedding

In response to a call for assistance from the Deer Park community in March, DPMC and its employees provided food, bedding and manpower.

Following an apartment complex fire which left 16 families homeless, the Complex donated 120 boxes of nonperishable food to the Deer Park Food Bank, which then distributed the food to the families.

"We were sure glad to have the food," says BRIAN BARRY, director of the Food Bank. "It was handed out to the families

the day after the fire."

DPMC Security manager JOHN SHEA, Senior Security Inspector TOM BUMGARNER, Security Inspector BUDDY BROWN and Purchasing Assistant CHARLIE HOLMES volunteered their time after work to deliver

the boxes of food. Food was also delivered to The Bridge, a halfway house for alcohol and drug-dependent adults.

In addition to food, DPMC supplied needy families with cots and bedding. More permanent housing could be found

In Memoriam

ALBERT LOUGHRIDGE, a retired Maintenance area foreman, died February 23.

L.R. BROSETTE, a retired Treaters employee, died March 2.

F.E. WINT, a senior engineer in Engineering Services, died March 7.

CLARENCE MOORE THORP, a retired Environmental supervisor, died March 8.

J.W. TALLEY, a retired Maintenance employee, died March 27.

RONALD STEVENSON, a heavy equipment operator in Automotive, died April 9.



OPEN INVITATION...SCORA's 1987 Officers invite all members to visit SCORA's new office located in the North Cafeteria. The officers are (left to right) Junior Officer Billie Daniel, vice president; Linda Spiller, secretary. Not shown is Carolyn Anderson, treasurer. SCORA is looking for volunteers to man the office.

SCORA News

From Your SCORA Officers

The SCORA office, located in the North Cafeteria, Room 102, has been set up as an information and distribution center for SCORA Club members. It is centrally located and outside the Complex so it is easily accessible by retirees and employees outside of work hours. The SCORA officers will act as the steering committee for the Club Office. We would like to set definite office hours when it will be most useful to SCORA members. Suggested hours are 6:30-9:30 a.m., 11:00 a.m.-1:00 p.m., and 3:00-5:00 p.m.

We would like to have a team of volunteers — SCORA members who would be interested in running the office one two-hour period per month, or more often, on a regular basis. Some of the activities of the SCORA Office Team Volunteers, according to each individual's interests, would be: selling various SCORA items, such as caps, koozies, and items from other Shell Employee Clubs.

Making flyers or posters
 Assisting the SCORA secretary with typewriting and copying (this would be a most welcome volunteer)
 Making arrangements for a SCORA event.
 Making telephone calls.
 Handing out SCORA information.
 Posting SCORA flyers on the bulletin board.

Greeting visitors from the Complex, the Club, or other employee clubs.
 We are not asking for a great commitment of time. Volunteers may be employees of the Complex who want to utilize their skills for the SCORA members' benefit, or those wonderful retirees who have valuable skills they would like to put to use on a regular basis.

All SCORA members are asked to think about it, and any interested individuals should call one of us for more information to volunteer. There will be an "Open House" celebration soon for the SCORA Officers and the officers would like to introduce the SCORA Office Team at that time. To volunteer, contact JUNIOR GUILLOT, 5-7593; BILLIE DANIEL, 476-6684; LINDA NEEDHAM, 476-7029; or CAROLYN ANDERSON, 5-7445.

Volunteer and help SCORA provide better services to its members!

MAY EVENTS May 15

TGIF and Pool Tournament - Watch bulletin boards for flyers, or call a SCORA Board Member for information.

May 29

Teen Dance - Firemen's Hall behind Fire Station on Pasadena Blvd., Deer Park. DJ with variety of music, rock & roll, blues, country/western, and teens may bring their own. Refreshments and adult supervision provided. 7:30 p.m. to 11:30 p.m.

JUNE EVENTS June 6

Adult Spring Dance - SPJST Hall, 3609 Preston, Pasadena. Band starts at 9 p.m. Watch for flyer on bulletin boards or call a SCORA Board Member for information.

June 13

Children's Bowling - Watch for flyer

June 19

TGIF - Watch for flyer

June

Camping trip sometime - date not set



SCORA's 1987 Board of Directors include (top row — left to right) Doug Teschendorf, David McGallion, Leslie Robertson, Joel Reyes, Jerry McDaniel, (center row) Sherry McNeill, Cindy Lamparter, Jim Paar, Junior Guillot, Linda Spiller, (bottom row) Sandra Needham, Billie Daniel, Joe Alvarez and Marilyn Williams. Other directors not shown in the picture include Russell Adams, Carolyn Anderson, Debbie Copeland, Junior Gifford, Henderson Hammitt and Bill Marriott.

DPMC's Thompson honored by Rotary as Deer Park Fireman of the Month

JERRY THOMPSON, a DPMC material controller, recently was honored as Fireman of the Month by the Deer Park Rotary Club.

Jerry has been with the Deer Park fire department since 1974 and has held numerous offices. He has served for two terms as Fireman of the Month.

He has served for two terms as assistant

rescue captain, one-half term as vice-president of the department, executive board member for one term and deputy chief-EMS for three terms.

Jerry has a Firefighters Basic Certificate through the Texas Volunteers Certification Board, and holds an EMT-Special Skill Card.

Computer also helped organize team

CONTINUED FROM PAGE 1

steam systems and the cooling water system.

Coordinators on both the operations and maintenance side helped keep the work organized and progressing. "On our peak days, there were more than 80 Shell craftsmen and about 450 contractor craftsmen working in the area," Bruce recalls. "By each coordinator knowing how their area of responsibility tied in with the other areas, the work went quickly and safely.

"Regarding safety," he continues, "we experienced a similar number of FRII's as compared with the 1983 turnaround, a minimum number of recordables and no lost time accidents. I consider that a good performance when you look at the number of manhours put into the project."

One of the planning tools used in the

turnaround was an "Evergreen Shutdown" book. "There are certain things we do in every turnaround and that information is contained in the book," Bruce says. "By referring to this book, we make sure all the necessary work is covered.

"Also," he goes on to say, "as additional work for the units is identified after the turnaround, we include that in the book. Then, if a unit comes down unexpectedly, we can take the opportunity to do some of this identified work."

Another planning tool used in the turnaround was the computer. "It was a good place to collect and store information related to the project," Bruce says. "With this information at our fingertips, we could better plan our manpower needs and daily work activities."

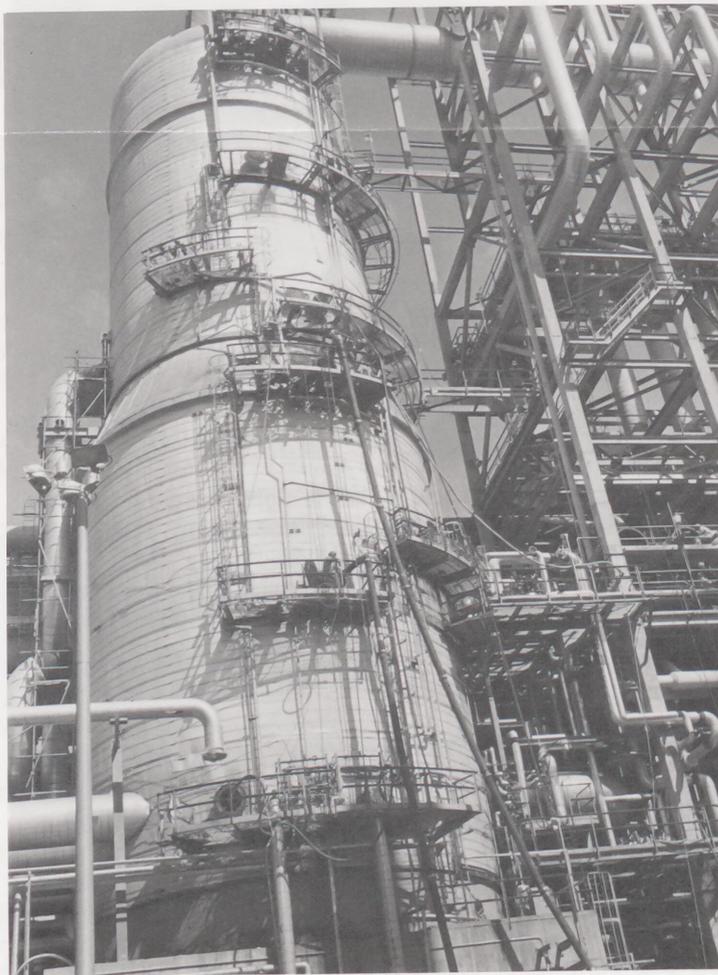
As a result of the extensive planning ef-

fort, most of the turnaround work was formed on an 8 am to 4 pm, Monday through Friday schedule.

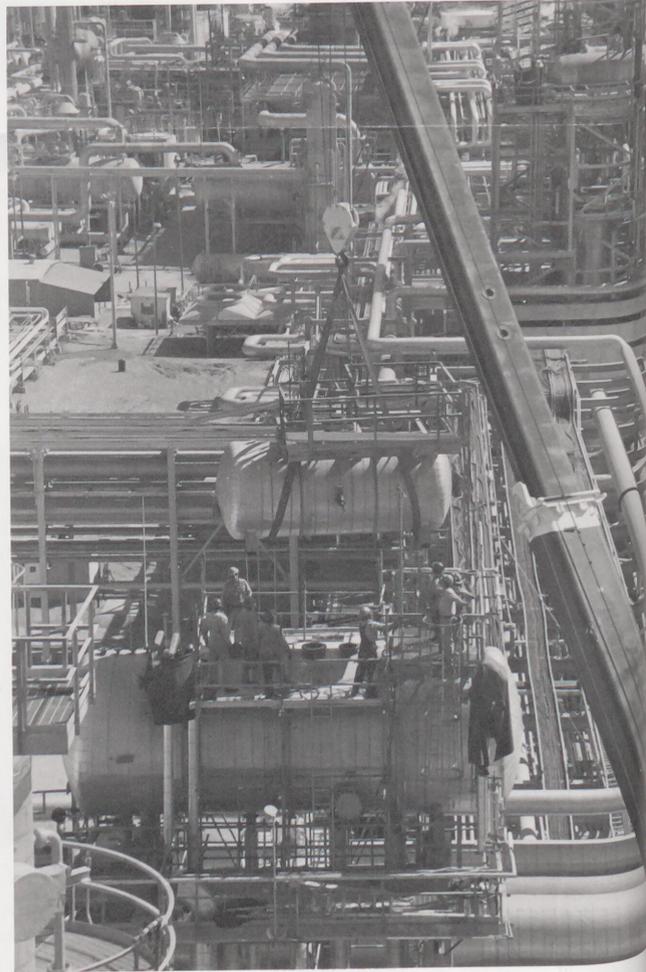
With so many people involved in the turnaround, communication was an important requirement. "Meetings were throughout the day to bring everyone up to date on the project," Bruce explains. "This allowed the coordinators to get things done while out in the field, instead of being

bombarded by questions from other people wanting to know the status of the project." Bruce says the amount of planning that went into the project was enormous, but it paid off.

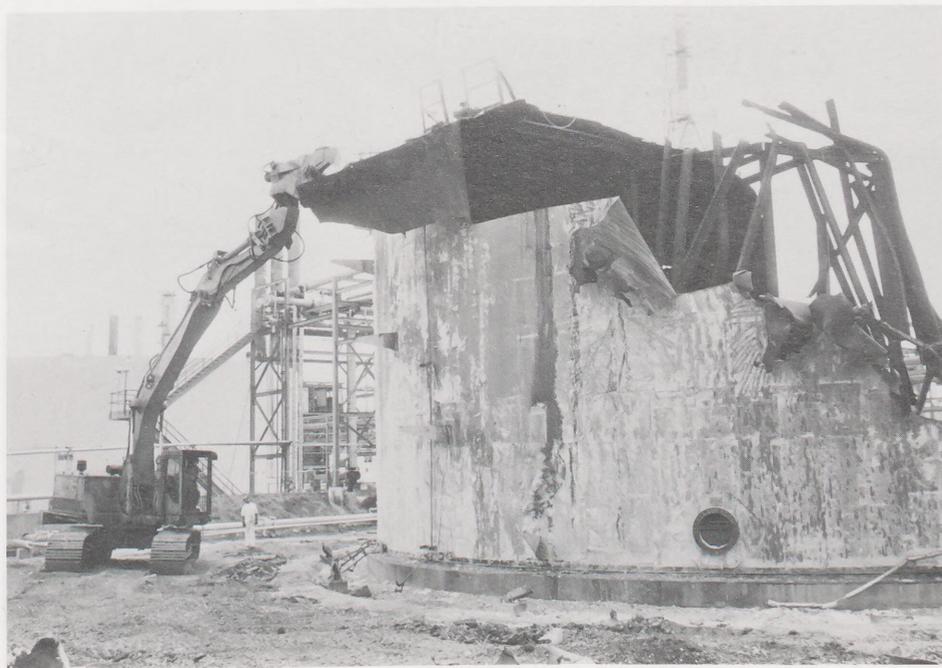
"Everyone knew what to expect from the project," he explains. "Teamwork, planning and communication were equally important in making the turnaround successful."



Extensive inspection and maintenance work was performed on the Pyrolysis fractionator column, one of several major projects undertaken during the turnaround of Olefins and Utilities-South.



The top section of the Pyrolysis boiler feed water deaerator is lifted by crane so a new one can take its place. Thorough planning and teamwork made the work go smoothly, according to Bruce.



SAFETY COUNTS FOR THE SMALLEST OF CREATURES... Boilermaker Jerry Williamson holds one of four newly born rabbits whose home was next to the soon-to-be-dismantled storage tank. The rabbits were relocated to a nearby field.

Spelling Champ

Garza wins second in East Texas meet

HUMBERTO GARZA, 13-year-old son of BA/SR Operator **BERT GARZA**, placed second in the East Texas Spelling Bee held in April. As the Deer Park Independent School District spelling champion, Humberto competed against 53 other country and school district champions in the contest.



The Spelling Bee was held at the McDade Auditorium in Houston. After 3 and a half hours of competition, Humberto and Nhan Nghyen, the Alief School District champion, were the only survivors. After spelling dozens of difficult and obscure words and exhausting the Words of Champions book, the children were quizzed from Webster's Third New International Dictionary. As first runner-up, Humberto was awarded a color television.

Humberto attends Deer Park Junior High.

Teamwork aids production

CONTINUED FROM PAGE 1

Some examples of these improvements are increasing throughput, obtaining better separation, maximizing gasoline yields, and having better control on vapor pressure and product temperature to the blenders. A big item is maximizing conversion on the Cat Cracker to increase gasoline yield. Other key factors are operation of CR-3 and Plat 2 at capacity for maximum octane, and high thruput at the Distilling units.

Reliability is one of the best ways to increase overall production and reduce costs. The more reliable our units are, the more gasoline we can make at a competitive cost. All these things will help.

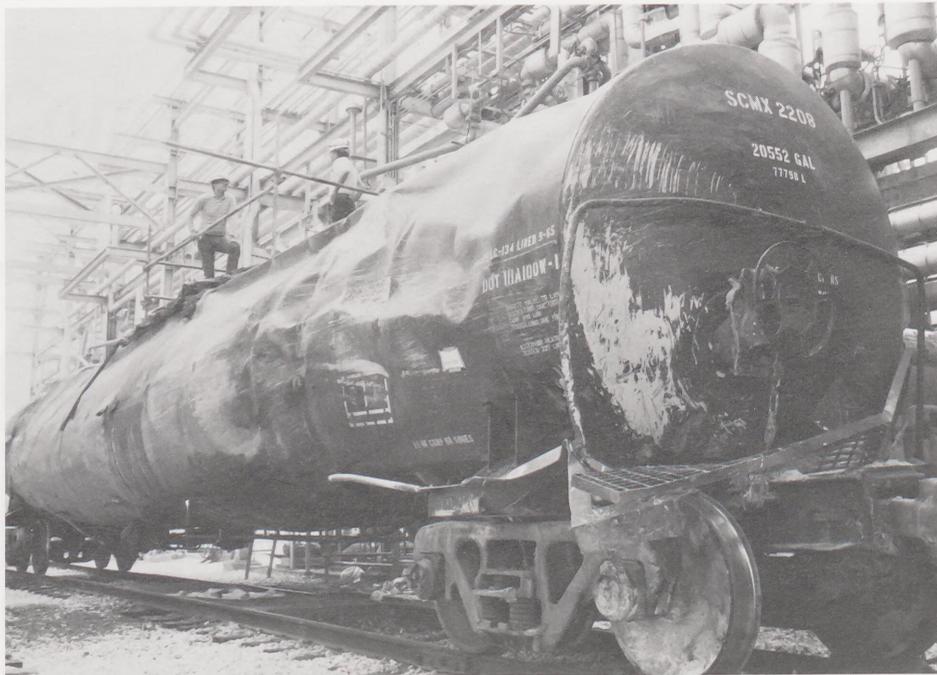
Q: What will it take to get these operational changes implemented?

A: Teamwork is needed to get everyone involved. Operators and maintenance people are the ones who really make the difference. What we need is to attain our maximum performance. It's like track and field. Not long ago, people thought the four-minute mile was unattainable. But that was reached and now it keeps getting lower and lower. Nobody knows really how good is good, or what's the best possible. We've seen that in the gasoline

business, too. At DPMC, we're a lot better at making gasoline than we were 20 years ago. For example, the Cat Cracker was built in the 1940s but catalyst improvements and riser cracker technology have made significant improvements in gasoline production and quality. Hydrocracking and continuous regeneration reforming in CR-3 are also major changes during this period. So there's been a lot of improvement — but we're not anywhere near the end of the road. We must strive to do better. Our goal is a continuous process of improvement.

Q: What will be gained from this effort other than a short-term gasoline production increase?

A: By understanding what our maximum performance is, we can do a better job in the future. Although we set a production record last year, we won't be a competitive business if we don't keep improving. The bottom line is that we have to be a quality supplier of gasoline at a competitive price. And it's up to each individual to help us meet our production requirements by giving their best performance. Hopefully, each one of us will gain a personal satisfaction of doing our job well and maintaining a reputation of being a quality gasoline supplier.



TRANSPORTATION SAFETY...Liquid Resins Distribution Operator Earl Jackson (left) stands atop a damaged tank car with Major Resins Operations Foreman Lester Curley. The tank car, which was carrying a load of DPMC's liquid resin, was involved in a recent train derailment near Houston. Although there was extensive damage to the outer shell, the inner storage compartment protected the resin and none escaped.

Thank You's

Thanks to everyone for the retirement party, the cash gift, drinks, cake and cream. It made a nice day for me which I will always remember.
GUS VORN

I want to thank all my friends for the party and gifts on my retirement. It was a fantastic way to end my career at DPMC. Special thanks to Lisa, Carla and Donna for all they did. Thanks to everyone for the years of friendship. Give me a call when you need a golf lesson.
VIC BR

We want to thank all our friends at Shell for our retirement parties and my retirement gifts.
WALTER AND JUNE STE

I would like to express my appreciation to everyone for the wonderful retirement party and gifts. The depth finder was just what I wanted — maybe now I'll catch more fish. Look us up if you ever make it to Hemphill.
JIM RA

Sleep requirements differ widely, according to TMA

Without sleep, most people become cranky and have difficulty performing their daily tasks. According to the Texas Medical Association, insomnia ranks third, just behind the common cold and headaches, as a reason people seek medical help.

While the "average person sleeps between seven and eight hours a night, sleep requirements differ widely. A less-than-average amount of sleep should not be harmful as long as the person remains alert and energetic during waking hours.

For most people who have trouble falling asleep, however, these suggestions can be helpful:

- Establish a relaxing evening routine, which might include a warm bath, reading a chapter of a light book, or working on a

relaxing hobby.

- Get some exercise early in the day. Healthy bodies seem to sleep better than unfit ones.

- Avoid drugs that affect the nervous system: caffeine, nicotine, alcohol, decongestants, cough suppressants and minor tranquilizers.

Lyall to replace Hale

In the March issue of the Shellegram, it was incorrectly reported that **RON LYALL**, DPMC Employee Relations manager, would replace **ROD SCHLIEP** who was transferred to Shell's Norco Manufacturing Complex.

Ron replaces **WALT HALE** who is on special assignment at the Complex. **TOM EIDSON**, who previously was Employee Relations supervisor at Shell's Information Center, replaces Schliep as Industrial Relations manager.

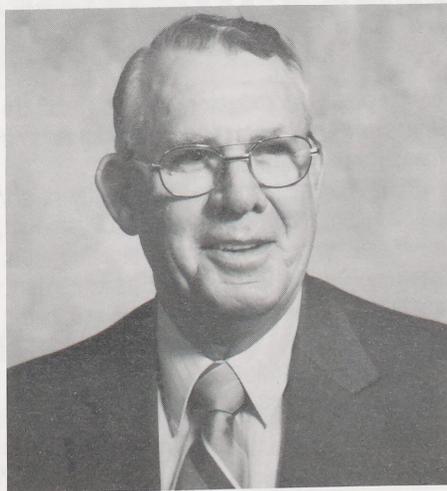


HISTORICAL CELEBRATION...Shell Historical Society members participated in a San Jacinto Day parade held at the Monument. Riding on the Society's float and dressed in historical costumes are (left to right) Berta Hokanson, Vi Cooper and Ovidia Lind.

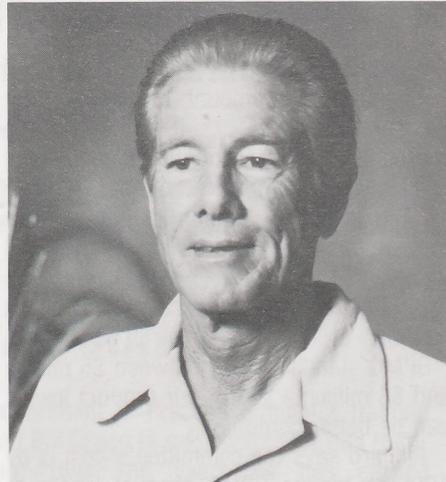
Retirements and Service Anniversaries



B. A. BENSON
BPA
Retiring with 34 Years



H. H. BUCHANAN
Pyrolysis
Retiring with 33 Years Service



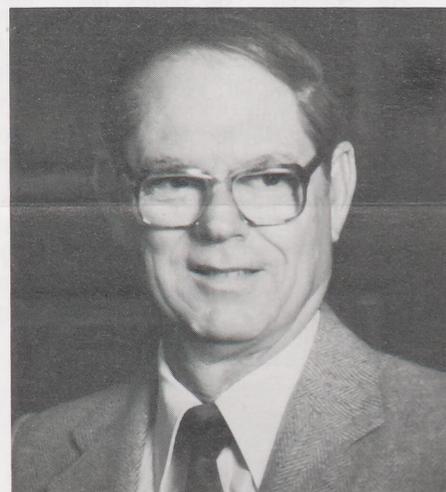
R. E. FORD
Engineering Field
Retiring with 35 Years Service



W. L. SHOULTS
Engineering Field
Retiring with 38 Years Service



W. G. WIESER
South Maintenance
Retiring with 38 Years Service



J. A. NEPVEUX
Project Engineering
35 Year Service Anniversary

Classified

FOR SALE: A gold link bracelet on the South side near the Brown & Root "E" Building. Call Judy Soots. 476-7084.

FOR SALE: 3 bridesmaid's dresses, size 7, two yellow Southern-belle style, one peach paghetti strap, with sheer long-sleeved skirt. \$35 each. 873-2438.

FOR SALE: '86 Red IROC Camaro with AM cassette stereo, automatic, tilt steering, low mileage, rear back tinted windows. 476-6784.

FOR SALE: Lot in Waterwood's Park Forest Village just off Lake Livingston. (409) 291-0722.

FOR SALE: New baby bed, never used, plus comforter set. 476-6163.

FOR SALE: 1100 CC Gold Wing Honda, new tires, windjammer faring. \$1800. 488-4074.

FOR SALE: Utility trailer, "Thomas Built," 5x8-foot bed, 2-foot sides, spring for 3600 lbs. \$350. 488-4074.

RETIREMENT PARTY: For Robert Kibby — May 26, 3 pm at the North Cafeteria.

FOR SALE: 1984 Ford Conversion Van, 43,000 miles, white with blue/oak interior. All options plus extras; perfect condition, inside and out. \$11,500. 859-2700.

FOR SALE: House in Meadowcreek Village, all brick, 2 baths, large den, big trees. Close to Richey/Allen-Genoa Rd. \$55,900. 946-9510.

FOR SALE: 20' Coachman Travel Trailer, self contained, dual axles, bunk house, 2-way refrigerator, sleeps six. \$2,500. 452-0768.

To cut losses in half

Loss Control committee sets goals

Reducing the amount of product lost each year as a result of inaccurate measurement and accounting is the goal of DPMC's Loss Control committee.

"Our group is looking to improve the way product is measured as it enters and leaves the Complex," says **RICHARD MOSELEY**, a senior Logistics analyst and a member of the Loss Control committee. "DPMC stands to gain between \$5 million and \$8 million a year if our product losses can be better controlled."

Richard says the committee's goal is by 1990 to reduce DPMC product losses to one-fourth of one percent. Presently, the industry practice is one-half of one percent.

"For example," he points out, "for every million barrels of product DPMC receives, it is acceptable if 5,000 barrels are not accounted for. We want to reduce that by at least half."

Other members of the Loss Control committee include representatives from Logistics, Economics & Scheduling, Process Control, Finance, Docks, Dispatching, Utilities and Lube.

Committee member **VIRGINIA DODSON**, a dispatching analyst in Lube, says DPMC was host to a Loss Control Symposium last June. "Other Shell location representatives met with our members to share experiences and knowledge so each location can move ahead in the area of loss control," she says.

Specific ways in which the Deer Park

group plans on reducing product loss are improving both gauging procedures and measurement equipment.

"On the equipment side, computers are being used at the Docks to check product as it is being loaded and unloaded from barges," Richard explains. "Also, analyzers around the Complex are being upgraded."

Long-term product measurement training is another area the committee is looking into.

"Upgrading the skills of the people who are actually doing the measurement and accounting work can have an impact on loss control," Richard says. "This includes people who handle the paperwork. Sometimes errors are made when entering instrument data into computers."

"Mainly, we want people to think about ways they can help stop loss of product," he adds. "It's an ongoing process of keeping people aware of accurate product measurement."



BREAKING GROUND...LPA recently held a groundbreaking ceremony for a new Lube Consolidated control room which will be constructed in 1988. Participating in the ceremony (left to right) **ELMER GRIFFITH**, LPA location coordinator; **CHED BEECHER**, Lube engineer; **TED COONAN**, Lube process manager; **DON TREAT**, Control Systems Project Representative (Shell Development); **George Gutierrez**, R&M Quality Improvements manager (Head Office); Lube Dewaxing Operator **KEVIN WOODS**, Pipefitter **JAMES CAMERON**, and Lube Oils Operator **FRED PALOMAREZ**.

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Dillon Scott
Editor

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