



At Complex warehouses

Computerized system to lend helping hand

A tireless mechanical retriever that fetches spare parts at the push of a button is the star of a new computerized warehouse system that could save DPMC thousands of dollars a year and solve the problem of wasted warehouse space.

When it fully goes into operation in early 1982, the Complex-wide project will put Shell at the forefront of the petrochemical industry in the use of computer technology to help control ballooning spare parts inventories.

"Our goal is to improve the service level to our customer base — engineering, maintenance and operations," said Sal Ayala, Materials Manager, Purchasing. "At Deer Park we're using computer technology to help us modernize our warehouse facilities."

Man vs. the spare part

"In 1981 we have more than 50,000 items in inventory with a value in excess of \$25 million," Ayala said. "You can imagine the tremendous energy and manpower needed to control the system."

"Primarily as a result of the major expansion programs at DPMC, our stock items had more than doubled since 1977. We had to find a way to modernize our inventory system," he pointed out. "At one time," he added, "space became so scarce warehouse facilities had to be leased outside the Complex at a cost of \$250,000 a year."

The new system is two-pronged, Ayala explained. The first step was the installation of an Inventoried Materials, Planning and Control System (IMPAC), an on-line computer system that instantaneously updates the files when there is a change in the inventory.

The second part of the new system was the construction and installation of an automated storage and retrieval system. Ayala said, "There is no doubt this new technology will allow us to do a much more efficient and effective job of servicing our customers and in monitoring our inventories."

Miniload saves steps

The most striking part of the system is the Miniload, an automated retrieval machine shaped like a futuristic forklift. The Miniload glides between two aisles of storage racks and raises or lowers itself to pull out a bin containing the parts the operator has called for. Cradling the bin in its sturdy arms, the Miniload then moves to the counter to let the operator select his part. Once the operator has the part requested, the Miniload replaces the bin automatically and waits anxiously to fetch another part.

"Each Miniload machine operates between a pair of 25 foot-high racks," said Doug Champeon, staff engineer, who supervised the construction and testing of the computerized inventory systems. Each shelf is 40 bins long, giving one Miniload the ability to store and retrieve from 2,000 different bins.

The computerized systems were built into the main warehouses in DPMC North and DPMC South. Champeon said the Miniload systems in both warehouses have been completed and Materials Control is half-finished loading the bins in the South Warehouse and will begin loading the bins in the North Warehouse in early November.

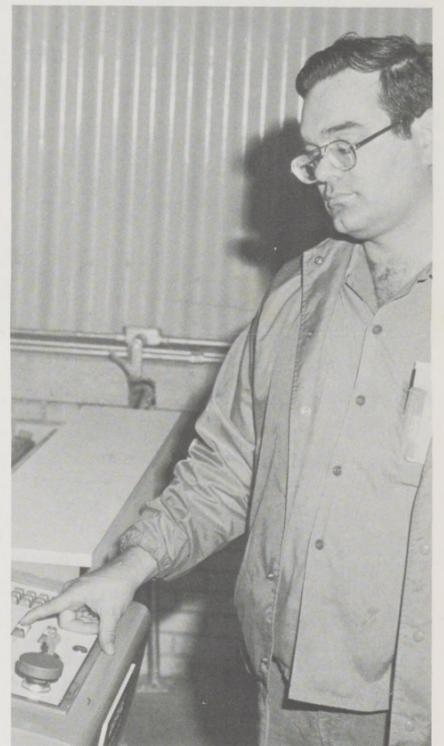
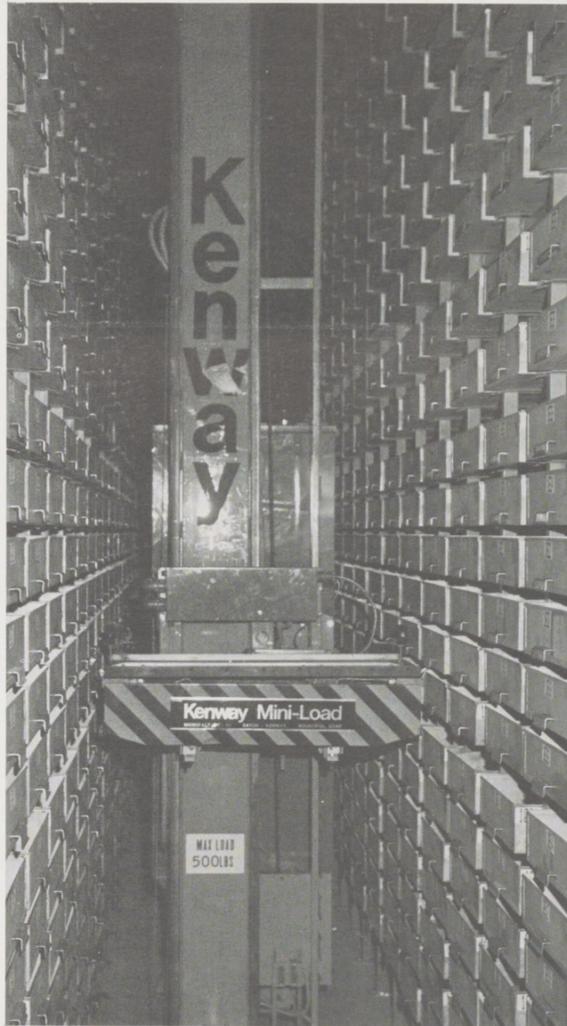
Conserving space is the key

"The new system will save a considerable amount of floor space since we can stack the bins so high and close together," Champeon said. "We can better utilize the cubic space we were wasting before."

The space savings will have other benefits as well. Ayala said, "We can relocate tool rooms in the main warehouses, thus creating one source under the same roof. This will create additional space for Maintenance."

"The time needed to actually take the physical inventory will be reduced," Ayala said, pointing out that nearly 2,000 man hours are spent every year checking the inventory.

"This project would not have been possible without the dedicated efforts of people from Purchasing, Project Engineering, Head Office Materials Management and the Information Center," Ayala said. "The work of the people involved will continue to make Shell one of the leaders in the industry in the use of computer technology to control inventories."



Mike Land, counterman, South Warehouse, (above) programs instructions for the Miniload, an automated storage and retrieval system that will help save steps warehouse personnel will have to take. The Miniload, (left) uses its mechanical arms to retrieve bins containing spare parts the operator has called for. The Miniload can support 500 pounds in its sturdy arms, and can lift itself 25 feet high to select bins from the top of the storage racks.

SFCU payroll deduction plan for hourly employees goes into effect in November

Per agreement with OCAW Local 4-367, Complex hourly employees will be able to participate in a payroll deduction plan allowing them to automatically deposit money from their paychecks into Shell Federal Credit Union (SFCU) share accounts. Their plan will be effective their first pay period in November.

All regular, full-time employees may participate in the payroll savings deduction program — which will not include payroll deductions for loan payments. All you have to do is complete a payroll deduction authorization agreement and a SFCU membership application if you aren't a member. Payroll deduction authorization forms are available at the SFCU office at 301 East Thirteenth, Deer Park. SFCU will forward

a copy of the completed authorization form to DPMC as authority to begin deductions.

As indicated on the deduction form, employees may choose which pay period deductions will be made. The minimum amount that can be deducted is \$10.

Deductions made during the month will not draw interest or be available for withdrawal until the first of the following month.

Changes in the deduction authorization other than cancellation will be possible only after a minimum of three months from the date of the last change. Cancellations will be accepted at any time after employees have filled out the cancellation portion of the deduction form and forwarded it to SFCU. All deductions or

changes, including cancellations must be received at SFCU at least two days prior to payroll closing (not payroll date) in order to be effective on the next paycheck.

If you have any questions about the program, contact the SFCU office in Deer Park.



What's inside?

What attracted TV cameras — such as the one shown above — to the Complex two weeks ago? For the answer, turn to Page 3.

Provident Fund news

The Provident Fund valuation is as follows:

Equities Fund
Sept. 30 - \$3.718

Shell Stock Fund
Sept. 16-30 - \$40.070

The Shell Employee Stock Ownership fund valuation is:

Sept. 16-30 - \$39.961

Donor cards needed

If you haven't had time to return your donor card for the upcoming blood drive, you can still do so.

All you have to do is send the card to Room 149, North Administration Building. But if you've lost your card or need more information, call Ex-

tension 6552.

The cards are needed as soon as possible so plans can be made for the drive, which will be held Oct. 27-30 at DPMC North's Financial Auditorium and Nov. 2-5 at the training room behind DPMC South's Cafeteria.

Memories mark Shell careers

Floyd, Schroeder top 45 years here

EDITOR'S NOTE: Fifty years ago, the Deer Park Manufacturing Complex had just begun pumping crude oil into a refinery manned by some 500 workers. The few muddy acres were bordered by cow pastures and sailor's honky-tonks.

In 1979 DPMC celebrated its golden anniversary. Recently, two employees also celebrated long anniversaries with Shell. Although neither was around when the Refinery gates opened in 1929, for more than 45 years each has called Deer Park home.



J. B. Floyd

J. B. Floyd, Safety North, came to DPMC as a waterboy in September, 1936. It was certainly not a Broadway opening, but simply finding a job in those days was a challenge.

"Those were tough times," Floyd said. "People lined up at the gate every morning hoping for an application and the chance for an interview."

"This is where I filled out my application," he said, glancing around the walls of his own office. He said his first pay check earned him \$8 for two day's work serving water to the maintenance crew.

Floyd's next assignment was a sample boy in the Refinery Lab. He worked his way up the ranks performing quality control tests until he was made hourly foreman in the Refinery Lab.

World War II interrupted his career. He joined the Army in 1943 and was assigned to a petroleum unit in California. Eventually he travelled to Europe where he served in the Third Army under General George Patton.

Floyd may have gotten a little closer to the illustrious

general than he had wished. "I was working in the officer's club when Patton visited. I poured him a drink, and as I started to walk away he said, 'Soldier, when I'm here leave that bottle on the table.'"

Floyd returned to Shell in 1946, joining Dispatching as a marine cargo inspector at the channel. However, it wasn't until 1952 when he was made a junior safety inspector that his career in Safety would begin.

Today as a Safety representative, Floyd conducts awards programs, supervises safety programs and administers special projects. He said a lot has changed since the days when safety inspectors were easily recognizable by their white hats.

"The biggest advancements in safety have come in the communications field," said Floyd, 65. "Today inspectors have to be able to show and teach rather than just direct. The field has become much more diversified."

Constant study of new safety regulations is a job in itself in a profession that is becoming more and more technical, Floyd said. "It's an on-going learning process. I'm still learning," he added.

Floyd has been active in the Shell Employees Club, and he has served as a specialist for refineries in the Channel Industries Mutual Aid (CIMA) association.

The native Texan lives with his wife, Florence, in Pasadena in a house he designed himself. He enjoys fishing and still manages to shoot in the 80s on the golf course.



Roy Schroeder

Roy Schroeder, analyst, Dispatching, joined Shell in

1935. Besides a brief stint in the service he has spent the last 46 years in Deer Park.

"I've just about run the gauntlet out here," Schroeder said, speaking of the many different positions he has held. Although most of his colleagues have retired or left, he said, "I still look forward to coming to work each day."

Schroeder began his career as a switchboard operator, but he had other duties including that of timekeeper. He earned \$65 a month working eight hour days and half a day Saturday.

He was working at the tank car loading racks when war broke out. He served in the 24th Division Infantry and was awarded the Silver Star for gallantry in action on Corregidor.

The war gave Schroeder an opportunity to travel, something he had missed since his early days as a seaman. "I went to Hawaii, Australia and the Philippines in the service. Japan was the place I really wanted to visit, but nearly all the time I was there I was in the hospital with malaria," he said. He had planned a return visit to Corregidor but he cancelled the trip.

Schroeder returned to Shell to find the Refinery booming. "In the past we had loaded 10 tank cars a day, but now we were loading 500 a day. We had 600 workers then. We thought we were a big refinery," he laughed.

He was soon transferred to Thermal Cracking, then to the Gas Department as a clerk and finally in Industrial Engineering, where he would begin designing more than 400 graphs and models for management.

The "suitcase models" Schroeder designed were tiny scale replicas of different parts of the growing refinery. Plant managers would use his models to evaluate the effects of different processes and new systems, but Schroeder's friends teased him that he was "playing with tinker toys."

Schroeder, 65, lives in Bacliff. He enjoys gardening and helping other people with their chores, and a round of weekend dancing keeps him in shape.

Two safety records obtained



The Shellegram salutes employees of Solvents and Treating — like those shown here — for achieving two safety records. They reached 12 years without a lost time accident on Sept. 28. They also have not experienced any OSHA recordable injuries (any accidents requiring medical attention other than first aid) since 1974. Pictured on the bottom row are Solvents and Treating operators Tony Lloyd, left, and Joe Mohan. On the top row are Mike Dixon, left, operator; Al Sortino, operations supervisor; Dave Farr, engineering technical support-operations; Al Manuel, hourly shift foreman; and B.T. Waggoner, process manager.

SHORT SUBJECTS

Bookout: Gas decontrol may boost oil, gas production

The investment by the petrochemical industry of increased revenues from the phased removal of all natural gas price controls by the end of 1984 could result in an additional 1.4 million barrels a day of U.S. oil and gas production in 1990, according to John F. Bookout, president of Shell Oil.

Bookout told the New York Society of Security Analysts in New York last week that it is important that new oil and gas reserves be found to replace current production. He added that Shell has been the industry leader in replacing these reserves. "Shell's record continues to improve. Last year, we replaced 134 percent of our domestic liquids production and 113 percent of our gas."

Discussing Shell's 1981 earnings outlook, he said, "We still expect full-year 1981 earnings for the company as a whole to be up from last year's level."

Bookout said he is optimistic about Shell's long-term future because the company's Oil Products business will continue to generate significant income even with demand trending downward. In addition, the Chemical Products business, although its current earnings are well below last year's pace, remains poised for improved earnings when economic growth resumes. He is also optimistic about the future because crude oil and natural gas prices are both expected to continue increasing during the 1980s and the outlook for future oil and gas production is favorable.

Chemical engineers' group will honor Isaacs

Marx Isaacs, who retired as a North technologist in 1961, will be honored next month at the fall meeting of the American Institute of Chemical Engineers (AIChE) in New Orleans.

Marx is scheduled to receive the F.J. Antwerpen Award for service to the AIChE. He is currently the Southwestern editor of Chemical Processing Magazine.



Marx Isaacs

Halloween carnival scheduled for Saturday

Remember to treat your youngsters to SCORA's Halloween Carnival Saturday. It will be held from 1 p.m. to 4 p.m. at the Deer Park Community Center, 610 East San Augustine.

Guaranteed to be a big hit with small fry, the day's fun will include games such as a dart throw, a fish pond and a cake walk. There also will be a fortune teller and a costume contest in addition to refreshments.

Admission is free for SCORA members. But guests, who are welcome, will be charged 50 cents each to attend.

Toll-free numbers will aid Shell HSM participants

Chances are a consolidation of Travelers' insurance offices won't affect many DPMC employees and pensioners. But those who currently must call Travelers long distance to get information about their Shell Hospital Surgical Medical (HSM) program insurance will be aided by establishment of toll-free lines to Travelers' Houston claims office, which was a part of the consolidation.

Effective Nov. 1, the toll-free numbers for the Houston office will be 1-800-392-9729 for any non-local calls from within Texas and 1-800-255-9506 for calls from outside the state. If you live in Houston, the local phone number for the Travelers claim office is 940-6211. All these phone numbers will be in operation from 7:45 a.m. to 4 p.m. Monday-Friday.

Persons enrolled in the Shell HSM program will receive new insurance identification cards at their homes during November which will list the new telephone numbers and claims office addresses which should be used by each participant.

Cancer detection film to be shown

The Medical Department will present an American Cancer Society-approved film, "Self Examination Of The Testes," to interested employees.

The film will be shown on Oct. 28 at the South Cafeteria's North Conference Room and on Nov. 3 at the North Cafeteria's Executive Dining Room. Two showings of the film will be made on each date — at noon and at 12:30 p.m.

Employees should plan to view the film on their own time. But if you're interested and cannot attend at a scheduled time, call Evelyn Leamons, nurse administrator, at Extension 6934. She will then try to make alternate arrangements.

Daylight savings time reminder

Don't forget to set your clocks back an hour before going to bed Saturday because daylight savings time begins at 2 a.m. Sunday.

CIMA marks 26th year with Complex fire drill

The Channel Industries Mutual Aid (CIMA) fire drill at the Complex took an unusual turn two weeks ago when a standby call was received to be on the alert to respond to a fire at the nearby Tretolite plant. Tretolite, a member of CIMA — a group which shares its

resources during emergencies, was able to deal with the fire without CIMA help. But until the fire was over, CIMA members were poised to rush to the plant's aid, proving once again — just as they did during the drill — that they are ready to meet emergencies head-on.

The drill marked the 26th anniversary of the founding of CIMA by 16 companies in 1955. There are more than 80 members — including companies and governmental agencies — today. And about 15 of those, including the City of Deer Park, CIMA's newest member, took part in the fire drill.

Dozens of pieces of fire-fighting equipment and hundreds of firefighters participated in the exercise. And many different kinds of fires were confronted as fire crews dealt with such blazes as those around a petrochemical tank and within a pit.

Although the fires were just a test for an emergency, the fires were real. But the intensity of the fires didn't keep firefighters from dealing

with them quickly as they extinguished each blaze in just minutes.

However, the exercise wasn't limited strictly to fighting fires as CIMA crews took part in simulated "rescues," pulling fallen firemen away from flames and treating them and other "victims" with first aid before turning them over to awaiting

ambulances.

All these efforts were captured on film and in print as several TV stations and newspapers had folks on hand to watch the drill here.

But wherever the drill is held, one thing is clear. CIMA crews are ready for real emergencies — whenever they happen.

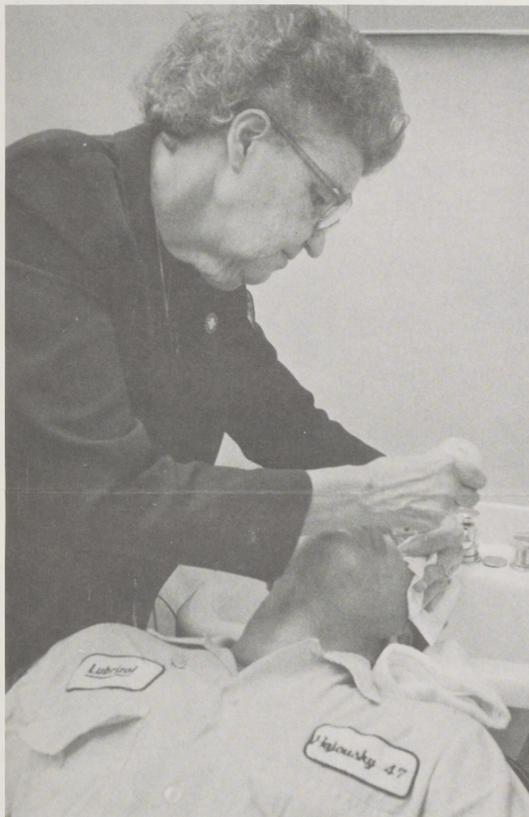


Photo courtesy of Doyle Hale

The folks over at the Dispensary stayed busy during the CIMA drill as they demonstrated their ability to cope with a medical emergency. Here, Evelyn Leamons, nurse administrator, demonstrates just one of the tasks that might confront Medical personnel at the Dispensary as she checks the eyes of a CIMA ambulance driver.



A Coast Guard helicopter got into the act, assisting with "rescue" efforts.



Denise Bach, nurse, helps administer first aid to an accident "victim" at the fire training field. But as her smile indicates, the day's activities were just a test for a real emergency.



Made up of volunteers from area industries, this CIMA emergency crew rapidly loads a "victim" of a simulated accident into a waiting ambulance.



A CIMA fire crew demonstrates its preparedness by taking on a petrochemical tank blaze during the fire drill.



A Life Flight attendant explains the operations of the emergency service's helicopter, which participated in the fire drill, to Ben Pinion, center, zone foreman, and Larry Enderli, electrician, both of Maintenance South.



Deer Park Rams

It's no secret that a lot of DPMC employees live in the Deer Park area and participate in local activities. So, it's only natural that their youngsters want to get into the act — such as those who play Little League football for the Deer Park Rams or march with the Dear Hearts, who perform at Rams' games. Members of the Rams shown above include (top row) David Saucillo, left, (son of Frank Saucillo, Catalytic Reforming); Gaylon Palms (son of Ed Palms, Maintenance South); Ricky Canales (Frank Osuna, Utilities); Mike Hall (James Hall, Maintenance North); Jesse Rodriguez (Frank Saucillo); and Gabriel Saucillo (Frank Saucillo). On the bottom row are Kenneth Lewis (Tommy Garmany, Maintenance North); Chris Barnes (grandson of Hank Krebs, Projects Engineering); Calvin Sewell (Tommy pens, Purchasing); Bobby Farrant (Tony Farrant, Sewell, Inspection); Doug Hoppens (Carolyn Hop-BA-SR); and Donald McMillan (Don McMillan, Maintenance North).



Dear Hearts

Cheering on the Deer Park Rams are Dear Hearts (top row) Dawn Rhodes, left, (daughter of Ben Rhodes, Maintenance North), Kim Franger (Michael Franger, Maintenance South); and Michelle Saucillo (Frank Saucillo, Catalytic Reforming). On the bottom row are Patricia Canales, left, (Frank Osuna, Utilities); and Cheyenne Brecheen (Johnny Brecheen, Maintenance South).

Classifieds

FOR SALE

1980 Cougar XR-7. Automatic transmission, air, AM-FM stereo, plush interior, Landau vinyl top, cruise control, new tires, 26,000 miles. \$6,500. Call 996-0551.

1980 Datsun. Air, AM-FM radio, standard transmission. \$6,500. 1972 Pontiac Catalina. Two doors, automatic transmission, good air, low mileage, one owner. \$1,000 or best offer. Call 479-0699.

1980 Cutlass Supreme. Cruise, air, tilt wheel, buckets, sport console, AM-FM stereo, sport wheels. \$6,850. Call 455-1501.

Datsun 210. 1980 two-door sedan, standard shift, air, stereo, low mileage (12,500 miles). \$4,950. Call 422-0639.

VW. Good for parts, no title. \$125. Call 475-1984.

1978 Model K 750 cc Honda. 8,000 miles. \$1,700. 1977 250 cc Yamaha Enduro. \$750. Call 472-4553.

1972 Harley Davidson. 80 cubic inch Super Glide. Call 635-7177 after 3 p.m.

1980 Kawasaki 550 LTD. \$1,900. Call 280-9778 after 5 p.m.

King-sized bed. \$100. Call 472-4986.

Letter from the editor

Today's edition, which was put together with a lot of help from the new editor, John Abbott, will be my last Shellegram as I begin my new job at Head Office Monday.

As much as I am looking forward to taking on my new duties as editor of the Go Devil for Pipe Line, I will miss the many friends I leave behind at the Complex. And after editing more than 90 Shellegrams, I can't help but leave with a lot of good memories about the great bunch of people working here.

However, I know you will be as helpful in working with the new editor as you have been with me. I know many of you have already started flooding John with news tips — some of which he used in this edition.

Thanks for everything and keep in touch.

Les Cole

Heritage spinet piano. One and a half years old. \$850. Call 471-2866.

Ironstone dishes. Service for eight. \$18. Mr. Coffee. \$15. Call 480-1063 after 5 p.m.

325 feet of hardwood Bruce ranch peg flooring. Pre-finished, random lengths and widths. Some 2¼ widths, some 3¼. \$300 for lot or \$1 per foot for smaller quantities. Call 472-6101.

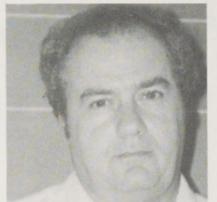
Antique bricks. Mingled colors of red, orange, tan and light purple. 1940 vintage. 25 cents each. Call 921-0943.

One cord of firewood. Must pick up. \$75. Call 334-2009.

WANTED

Two people to share expenses to Dallas in light plane. You pick the weekend, leave Friday, return Sunday night. Call 471-2443.

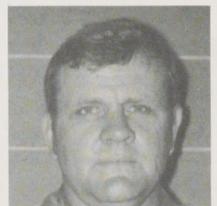
Welcome to DPMC



B.J. Dejean
Staff Engineer
Tech. Admin.
Trans. in Aug.



Gary Fenton
Painter
Maint. North
Hired in Aug.



W.H. Stuckey
Instrumentman
Maint. North
Hired in Aug.

The Shellegram is published each week for the purpose of informing and entertaining pensioners and employees like Norman Choate, senior Safety inspector, Safety North. Choate is shown here monitoring noise in an operations area with a sound level indicator. He has been employed at the Complex since May 1963.

John Abbott-Editor
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Norman Choate


Shellegram
Deer Park Manufacturing Complex