

Red Cross Drive Set for March 16-29

The refinery Red Cross drive will be held here March 16 - 29, it was announced late this month. No general drive chairman has been named at this time.

Held simultaneously with the Red Cross drive in the Alton - Wood River area, the local drive will help sustain the organization's many public welfare activities. The Red Cross has long been recognized as one of the outstanding welfare groups in the world.

During 1954, the Red Cross provided \$4,700,000 in financial assistance to the needy through the organization's Home Service. In addition, the Red Cross has been the sponsor and chief coordin-

ator of countless numbers of blood drives. This past year, the Red Cross helped collect 2,896,000 pints of blood for civilian and national defense use.

A chairman will be named and committee organized in the near future which will formulate plans for the securing of contributions. Donations will be received in respective departments by departmental representatives.

Refinery Red Cross Drives in the past have received liberal support and active solicitation assistance from plant employees.

Last year's Red Cross Drive here netted \$4,319.90.

Employees May Insure Children After 19th Year

All employees who have coverage for themselves and dependents under the Shell Hospital-Surgical—Medical program are reminded that unmarried dependent children can continue to be covered after their 19th birthday for a nominal sum.

Thirty-One Days Granted

Employees can continue coverage for their dependents at a cost of \$1.47 per month for each dependent under the Basic Plan, and \$1.56 under the Supplemented Basic Plan. Such coverage will continue as long as the dependency status continues, but not beyond the end of the month in which the dependent reaches 25 years of age.

Enrollment for the proper coverage should be made with the insurance clerk in Personnel and Industrial Relations within 31 days of the date each dependent reaches 19 years of age. Failure to enroll such dependents within the 31 days will necessitate a statement of health being submitted for insurance company approval before coverage may be effected.

Blue Cross Plan

Employees who have coverage for themselves and their dependents under the Blue Cross plan are reminded that when dependent children marry or reach their 19th birthday, coverage and protection ceases.

However, application for continued membership may be made by employees writing directly to the Blue Cross—Blue Shield Plans, 425 North Michigan Avenue, Chicago 90, Illinois. In this manner, dependents may receive individual certificates in their own names.

Under the Blue Cross—Blue Shield plan, this application must be made within 31 days of any change in status of the dependent.

Employees May Change Provident Fund Beneficiary

The beneficiary you named some time ago for your Provident Fund and Group Life Insurance may not necessarily be the one you would designate today.

It is wise to review your choice of beneficiary from time to time in the light of your current circumstances. You may also wish to re-examine the method of settlement you have chosen for the payment of your Group Life Insurance policy.

If you wish to change your beneficiary or the method of settlement on your Group Life Insurance, report to the provident fund and insurance clerk respectively in the Personnel and Industrial Relations office.

See Editorial
"About Natural Gas"
Page 2



VOLUME 17 — NUMBER 10

WOOD RIVER, ILLINOIS

FEBRUARY, 1955

An Impressive Box Score



These two smiling youngsters, F. D. Obermiller, left, and H. L. (Sparky) Rolli, have plenty to be happy about. They are the only two men in the Thermal Cracking Department who have been in the organization since it originated in 1922. The "68" signifies the number of years of combined service the two men have attained. Obermiller will celebrate his 33rd anniversary in July, and Rolli will be a 35 year man in June. The "X's" atop the calendar point out the total years. Fred and Sparky are the subject of "Still Going Strong", a feature on page 4 in this issue.

Bruce Hayward to Speak at March Meeting

Shell Club Plans Outstanding Programs

Shell Club officers this month announced a balanced, eventful program for 1955, highlighted by an appearance of Bruce Hayward, popular TV newscaster at a March meeting, and also including a club dance in May. E. B. Gillis, club secretary, pointed up the program for the next few months as one that includes a varied assortment of presentations.

Hayward, director of news and special events for television station WTVI, Belleville, is one of the foremost men in his field. For ten years, he was chief newscaster for radio station KWK in St. Louis. He has been associated with WTVI for the past year, and is regarded as an outstanding public figure.

Hayward is credited with developing an entirely new type of TV news presentation. In his 11 years in the St. Louis area he has developed innumerable exclusive news sources, and his newscasts

are punctuated with plentiful local news coverage.

Plans for the April 19 meeting of the club include a presentation of DuPont's "Magic Barrel", something new and different in today's scientific field.

The May 20 dance will be the big social event of the year, and present plans call for added facilities to accommodate a larger crowd.

Programs for fall meetings are now being investigated, and will be announced in the near future.

S. R. A. Dance
Admission
FREE
Collinsville Park
Sat., March 5th
9:30 - 2:00

Construction is Progressing on Schedule Here

Contracts were awarded this month for added improvements to Wood River's Research Laboratory, it was recently announced. The general construction contract has been awarded to Vollmar Brothers, a St. Louis firm.

Contracts for plumbing, heating, and air-conditioning was awarded to T. J. Fleming Company of Alton. Wegman Electric Company of Wood River was awarded the contract for electrical work.

Work on the Research Lab addition is expected to begin sometime in April.

Main Office Progressing

Construction work on the Main Office addition is progressing on schedule, and the expected occupancy date of May still stands. The new addition will provide added space for the Engineering Department, as well as additional office area for Treasury and Management personnel.

Engineering people will occupy the first floor of the building, with management offices on the second floor and Treasury on the third level.

Shops Near Completion

The Maintenance Shops buildings, which went under construction last spring, are nearing completion. Office space will be ready for occupancy this spring, and the shop facilities are expected to be completed a short time later. Engineering field personnel will occupy the office building, and the shop building will house machinists, valve repairmen, electricians, and instrument men.

Some office space will also be provided in the shop building, which will afford craftsmen added space and facilities.

Control Lab Launched

Control Laboratory facilities are also progressing, and laying of the foundation has been completed. The laboratory addition will almost double the area of the present building. Office space will be increased, as will laboratory area.

Expected occupancy date on the laboratory addition has been set for next fall.

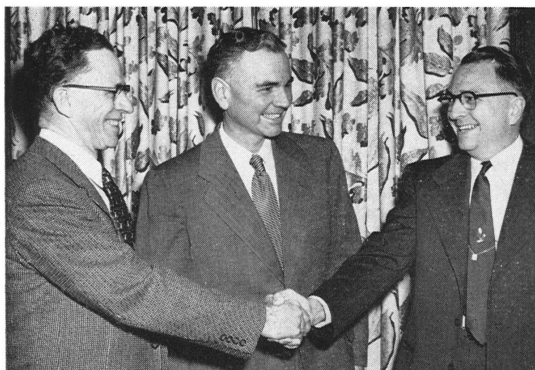
Bowling Tourney Scheduled March 5

Wood River's Annual Bowling Tournament, sponsored by the S. R. A. and sanctioned by the American Bowling Congress, is scheduled to get under way Saturday, March 5.

The tournament, which will consist of singles, doubles, and three-man events, is open to employees, retired employees, and former employees now on military leave who have bowled 15 games prior to January 28, 1955 in an A. B. C. sanctioned league anywhere.

For further details, see page 8 in this issue.

So-Long to Joe



Approximately 150 people held a going away party for J. M. Wilson last month at Skagg's. Saying goodbye to Wilson, who was Assistant Superintendent here since 1947, are C. W. Ryan and E. S. (Gene) Quillen. Wilson, right, was appointed Assistant Superintendent at Wilmington Refinery, California. A. C. Hogge succeeded Wilson as Assistant Superintendent here.

That Talented Doctor's Daughter —

May Cliff Wins Honorable Mention in Science Contest

May Cliff, 16-year-old daughter of Dr. I. S. Cliff of the refinery Technological Department, won an honorable mention rating in the 14th Annual Science Talent Search sponsored by Westinghouse Electric Corporation, it was announced this month.

Miss Cliff received the honor on the basis of a 2,000-word paper, in addition to drawings and charts, on the, "Eye Manifestations of Rabbits Caused by Insulin Injections."



May Cliff

As a result of her rating, Miss Cliff will be eligible to compete for several college scholarships.

Spending well over a year on the project, Miss Cliff made daily insulin injections on rabbits she raised at her home in Edwardsville. The project was designed to test the effects of insulin on the eyes of rabbits.

Results of Miss Cliff's project revealed that the insulin had a definite effect on the eyes of the rabbits. The animals receiving the most insulin had definite eye mani-

Making a Will Is Important Factor

Many people fail to make a will. As a result their estates, whether large or small, must be distributed among their heirs in accordance with State law.

Also, the court must appoint any necessary administrators, or guardians of minors. In such cases, distribution by a court may be contrary to what were the wishes of the deceased; moreover, administrators or guardians appointed by a court may not be the ones the deceased would have selected. In any event, leaving these vital decisions to a court may cause trouble and expense which could be avoided.

Your family deserves the extra protection provided by a will. The small cost of having a will drawn up now by a lawyer in all probability will be more than offset by savings to your estate later. If you haven't made a will, why don't you do so now?

festations. The insulin also caused extreme nervousness and lessened resistance to heat.

Miss Cliff, a senior at Edwardsville high school, plans to study medicine following her graduation in June. She has maintained an outstanding scholastic average throughout her high school career, in addition to taking part in extra-curricular activities.

You May Pay Less Federal Income Tax

... if you receive payments under the Shell Disability Benefit Plan.

As you know, the Shell Disability Benefit Plan provides for the continuation of a good share of your earnings when an accident or illness prevents you from working.

Prior to 1954, all benefits paid under that Plan were taxable as ordinary income. The new Federal Income Tax Law now provides that under certain conditions these benefits are no longer taxable. The benefit payments excludable from gross income effective January 1, 1954, may be generally described as follows:

Not Taxable

1. Payments for that period of an absence which is in excess of seven calendar days when the absence is due to illness not involving hospitalization.

2. Payments for the entire period of a disability which involves hospitalization for at least one day, or

3. Payments for the entire period of a disability which is due to an injury.

In each instance, however, the maximum amount of nontaxable payments may not exceed a weekly rate of \$100.

Federal Income Tax was withheld on all disability benefit payments made during 1954.

In Effect Now

If you received such payments during 1954 which qualify as nontaxable, you should, in preparing your 1954 income tax return, take credit for the amount which is nontaxable. If you need assistance in establishing the period of any absence or the benefits you received you should feel free to check with your payroll office.

Beginning Jan. 1, 1955, disability benefit payments which are not taxable under the provisions of the 1954 Internal Revenue Code will be considered exempt from income tax withholding. Consequently, after that date, withholding will be discontinued automatically on disability benefit payments which are nontaxable under No. 1 above. If disability benefit payments qualify as nontaxable under No. 2 or No. 3 above, withholding may also be discontinued on those payments which are attributable to the first seven calendar days of absence, provided your payroll office receives written notice from you of your injury or hospitalization. For this purpose a "Notice of Hospitalization or Injury" may be obtained from L. E. Bethards, Personnel and Industrial Relations.

These modifications of withholding procedures are based on current interpretations of the provisions of the 1954 Internal Revenue Code. Revisions may be necessary, however, when final Regulations have been issued by the Internal Revenue Service.

About Natural Gas

Everyone in and outside the oil industry has a stake in a decision faced by the current session of Congress.

Congress has been asked to correct the dangerous and confused situation in which the nation's 4,000 natural gas producers find themselves under Federal regulation, especially as to the price at which they can sell their gas in interstate commerce for resale.

The finding and developing of new supplies of gas and oil is a financially risky, competitive business and an expensive one. It is the kind of business which just can't successfully serve the public interest under government control. As a result of Federal regulations of what is essentially a risk industry as if it were a public utility, we are apt to wind up with diminishing supplies of natural gas at a time when demand is rising rapidly. And, since gas and oil frequently come out of the ground together from the same well, there is a good chance this could be the opening wedge for regulation of oil producers, too.

The story behind the problem which the new Congress is tackling goes back to 1938, and the passage of the Natural Gas Act. The act was aimed at regulating interstate gas pipe lines, which enjoy exclusive markets.

"The production and gathering of natural gas" was however, specifically excluded from regulation under the Act. Those who framed the Act thus recognized that while interstate pipe lines have relatively fixed costs and protected markets, the producers of natural gas take big financial risks in exploration and production, and moreover, operate in a highly competitive market.

But some of the language of the Act was not completely clear. That lack of clarity led to the present unsettled situation.

The Federal Power Commission which administers the Act, interpreted it as meaning that natural gas producers were not subject to its authority so long as they neither owned an interstate pipe line nor were affiliated with one.

This interpretation was challenged in some quarters. To overcome the objection, Congress passed the Kerr Bill in 1950, which attempted to reaffirm the original intent of Congress in enacting the Natural Gas Act — to exclude natural gas producers from Federal regulations. The Kerr Bill, however, was vetoed.

Meanwhile, the Federal Power Commission began hearings to determine whether the sale of natural gas by Phillips Petroleum Company to interstate pipe lines fell under the jurisdiction of the Commission. In 1951, the Federal Power Commission ruled that it had no jurisdiction over Phillips since that company was primarily a gas producer and gatherer under the terms of the Act.

That Federal Power Commission decision was appealed and a 5 to 3 decision of the Supreme Court of the United States reversed the Commission and held that price at which natural gas is sold by independent producers to interstate pipe lines is subject to regulation by the Federal Power Commission.

The majority of the Supreme Court stood on a literal interpretation of the words in one part of the Act without apparent regard for the rest of the Act, in which natural gas producers are excluded from regulation. The three justices who voted against the decision voiced strong dissenting opinions. Justice William O. Douglas said: "Regulating the price at which the independent producer can sell his gas regulates his business in the most vital way any business can be regulated. The regulation largely nullifies the exemption granted by Congress."

Congress now faces the task of setting things straight so that the natural gas industry can continue its record of progress. Natural gas producers contend that progress will be at best doubtful under the regulations that came into effect last summer. Among the points they make are the following:

1. Federal control of gas production cannot possibly effect any significant savings for consumers since about 90 per cent of consumer's bills represent transportation and local distribution cost which are already being regulated.

2. Keen competition among thousands of producers has resulted in greatly increased supplies of natural gas at a low price to consumers. Why gamble with the price regulations which could result in lower supplies and higher prices?

3. If competitive production of gas is controlled by government, it opens the door for the spread of Federal regulation to any other competitively produced commodity.

4. Government regulation of the price at which the independent producer sells his gas in interstate commerce will kill the incentives of the independent producers to search for and develop new sources of supplies of natural gas. The resulting shortage of supply can cause a rise in unit costs which would be sharply reflected in the prices paid by the consumer.

H. D. DALE
REFINERY MANAGER



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JIM KAHMANN Editor

REPORTERS

Operating Departments F. E. Zapf
Engineering Field N. F. Bast
Research Laboratory J. A. Bowman
Main Office R. T. Brown
Sports J. R. Cain
Safety E. B. Wiley

Address communications to Editor, Shell Review,
Box 262, Wood River, Illinois, Phone 563

Who Will
Be
The 1955
Shell
Queen?



Candid questions

QUESTION ASKED: "WHO, IN YOUR OPINION, IS THE GREATEST AMERICAN MAN IN AMERICAN HISTORY?"

ASKED: AT CARPENTER SHOP.



W. C. Drda, "Franklin D. Roosevelt, was, in my opinion, one of the greatest men in United States history. Although he may have had his enemies, he wasn't afraid to make a decision. He became president at a pretty tough time, and helped us out of a depression. Although he was a millionaire, he seemed to have the little man at heart."



W. D. Fleming, "I think Abraham Lincoln gets my vote as one of the greatest men in the history of our country. He made a historic decision concerning slavery, and although it was controversial, it turned out to be a good thing for the country. Perhaps the people who lived during his time couldn't appreciate him as we do now."



H. L. Short, "Thomas Edison certainly has to be considered one of the greatest men who ever lived, and surely one of the greatest Americans. He invented the electric light, as well as countless other things. But it seems to me that his inventions have brought more progress to the country than any others. As far as I'm concerned, no other branch of science has helped as many people as electricity and the electric light."



O. L. Bond, "I'll have to say Franklin D. Roosevelt. People just can't realize what a big job F.D.R. had when he stepped into office. But he accepted his responsibilities—of the biggest job of his time—and did one of the best jobs in the history of the presidency. That's my opinion."

Lost and Found

A large bundle of laundry was recently turned in to the Personnel and Industrial Relations office. The bundle, found in the cafeteria, contains clean clothes and a safety hat. Upon proper identification, the owner may pick up the items at the P and IR office.

A man's wrist watch has been turned in to the Lost and Found desk at the Personnel and Industrial Relations Department.

Major Changes Have Been Made

Streamlined Credit Card System Now in Force

The more than one million Shell credit card customers are being introduced to a new and streamlined credit system. The only evidence of this seen by the customers is the newly-designed credit card and monthly statement. But behind the scene, startling changes are taking place.

Since World War II, Shell has been making an intensive study to determine the most efficient credit system. Out of this study has come a two-part program: (1) the immediate use of electronic card-handling equipment and (2) the use, sometime in the future, of some type of imprinting device at service stations—a process expected to be superior to any now in use in stations.

New Master Cards

In setting up this new system, electronic machine operators prepared a master card for each Shell credit customer. Instead of writing on these cards, operators inserted them into special machines which recorded a variety of information by punching holes in different places on the card.

The master card file was then used to make a credit card for every customer. These credit cards are the same size as before, but each customer now has a new number. The alphabetical symbol of the former cards has been discontinued and the new identification is composed of numerals.

One of the numerals provides a check on the accuracy of the others and any mistake in the credit card number causes the electronic equipment to warn the operator. This insures accurate billing to the customer.

Two Copies for Dealer

At service stations, the dealer will make only two copies of the invoice instead of three. The first and top one will be an invoice card and the second will be a paper copy for the customer. The cardboard invoices will be turned over to a Shell division office where they will be processed by an operator of an electronic machine.

The new Shell credit cards will continue to be honored by companies with whom Shell has exchange agreements, regardless of the credit systems used by these companies. In the United States, Shell credit cards will be honored at stations of the Continental Oil company in those states which do not have Shell stations. In Canada, they will be honored by Shell Oil Company of Canada, Limited; the Anglo-American Exploration Limited in Alberta and Saskatchewan; and the Irving Oil Company Limited in New Brunswick, Prince Edward Island and Nova Scotia.

Oilmen Turn Skin Divers In Search for Oil Clues

Skin diving, all the rage these days as a sport, numbers some serious workers among its devotees. These are geologists, swimming along the bottom of the Gulf of Mexico to look for information that may lead to the discovery of oil. The geologists, who have passed the Navy's frogmen tests, work in water as deep as 65 feet to study marine vegetation, pick up samples of sediments, and specimens of sea creatures. On land or sea, in desert or mountain, America's oil men use the most modern and practical methods in searching for that buried treasure.

'Petroleum Story' Booklet Tells Oil Story to Teenagers

"The Story of Petroleum," a new booklet explaining the complex operation of the oil industry in clear, simple language aimed at the junior school student, has been published by Shell Oil Company, it was announced today.

The booklet tells how exploration crews hunt oil, how drilling crews sink wells, how pipe liners move oil to refineries, how chemists and engineers refine crude oil to make products, and how thousands of people in the distribution end of the industry move the products from refineries to service stations, factories, homes and other places where oil is used. The last section tells about miracle fibres, plastics and other new things research scientists have made from oil and suggests that many more may yet be found.

Photographs, drawings and maps illustrate every section.

The booklet is 32 pages long and small enough (6 by 9 inches) to fit in a student's notebook. The text is in two columns and divided by subtitles that help to point up the main parts of the story and make the book easier to read.

"The Story of Petroleum" contains a minimum of company identification. It is available free to individuals, schools or other groups. Requests for copies should be addressed to: Shell Oil Company, 50 West 50th Street, New York 20, N. Y.

Million Dollar Baby

After drilling more than 165 "dusters" costing roughly \$50,000 each, American oil men scored a triumph with the completion of Arizona's first commercial producer in the Boundary Butte area of Apache County. Brought in at a depth of 4,884 feet, the wildcat flowed at the rate of 11 barrels of oil and 21 barrels of water daily during a 13-hour test. Arizona is the nation's thirtieth oil producing state and the third state to find oil in commercial quantities this year.

Presenting ...



MRS. MARGARET STROUD, Payroll Department clerk . . . has been Mrs. Margaret for seven years, a Shell girl for over eight . . . Margaret and husband Jerry live in Edwardsville . . . in spare time likes to dance, swim, and play cards . . . also enjoys summer sports—tennis, golf, and such . . . really goes for barbecues, picnics, etc. . . secret ambition has long been to vacation in Hawaii.



MISS IRENE GIANNINI, Central Shops steno . . . born in Charleston, now lives in Bethalto . . . daughter of Mr. and Mrs. D. L. Giannini . . . graduate of Marquette high school, Alton . . . has been a Shell girl almost three years . . . Irene's favorite sports are bowling and swimming . . . her favorite pastime playing cards . . . doesn't believe in secret ambitions.

Credit Union Re-Elects Officers At January Organizational Meeting

All the officers of the Shell Wood River Federal Credit Union were re-elected at an organizational meeting held Jan. 20. J. R. Ferguson, zone foreman, was re-elected president for the 15th consecutive term. R. T. Brown was re-elected vice president. Other officers are G. C. Farmer, treasurer, and H. E. McCarthy, clerk.

Also re-elected were board members W. C. Redd, R. L. Graham, C. H. Denny, G. A. Herndon, and G. K. Bruce.

M. C. Keilbach was re-elected to head the Credit committee, with C. S. Blankenship elected secretary, and W. M. Jackson serving as third member.

Other committees and their members include:

Supervisory Committee — M. J. Mygatt, chairman; L. H. Rohde, secretary, M. C. Robinson.

Educational and Publicity — R. T. Brown, chairman, R. L. Graham, G. K. Bruce, G. L. Eggimann.

Ways and Means — G. C. Farmer, chairman, H. E. McCarthy, G. A. Herndon.

Delinquent Committee — C. H. Denny, chairman, W. C. Redd, G. L. Eggimann.

Construction Loan Committee — C. H. Denny, chairman, W. C. Redd, G. A. Herndon.



United States agriculture uses 16.6 per cent of all petroleum products in this country. No other single segment of American industry uses as great a proportion of the nation's petroleum production.

Service Club Officers for 1955

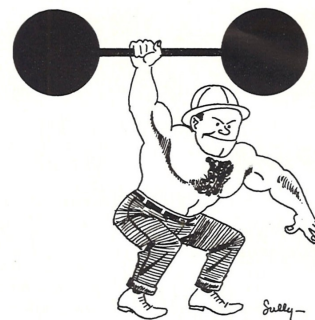


Service Club officers for 1955 met earlier this month to map plans for the coming year. Left to right are L. E. Bethards, vice president; F. E. Zapf, treasurer; C. L. Baker, chairman, and H. F. Sparks, secretary. Zapf is the only new addition to the group, Baker, Bethards, and Sparks having held offices last year.

After 68 Years . . .

Still Going Strong

**Fred Obermiller and 'Sparky' Rolli, like Other Operating Men,
Have Seen Many Changes Take Place at Wood River.
But They Still Remember the Old Days — They Were Part of Them!**



F. D. Obermiller, left, and H. L. (Sparky) Rolli, are the two veteran members of the Thermal Cracking Department. Dubbs 17 is a fitting background.

Throughout refinery operating circles, the boys refer to the Thermal Cracking Department as sort of an "all purpose" outfit. In contrast to many of the plant's operating units, where a special type feed is required, the Thermal Cracking units are designed to process several types of feed for coke, naptha, heavy gas oil, gas and furnace oil. Thermal Cracking products are in turn piped to other units for further processing. The formula for these versatile operations includes not only a varied number of units, but a large complement of operators and shift foremen.

To be exact, 112 operation's men.

The Thermal Cracking Department is one of the oldest operating departments in the refinery. Three units were constructed, and operation commenced, in the summer of 1922—almost 33 years ago. From this three-unit foundation, Cross Units 1 and 2, and Dubbs 1-A, the department has grown into one of the largest in the plant.

But a story of growth is never merely a story of steel, iron, and concrete. It is in reality a story of men—the kind of men who keep a unit operating at its maximum efficiency, day in and day out. Thermal Cracking has a



Fred talks things over with the boys at Dubbs 17 control room. Left to right are A. R. Rich, Obermiller, E. L. Sooy, and J. Reid, shift foreman. All these boys are veteran operating men, together possess over 100 years experience in operations.

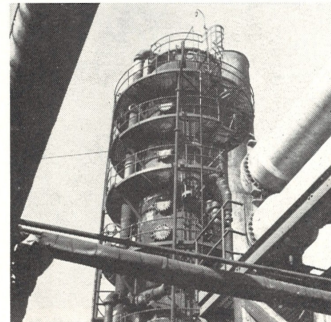
great number of experienced operators and shift foremen who are no different than your neighbor next door. No different, of course, except for their operating experience and know-how.

Of the men who man the units in Thermal Cracking, only two have been in the department since it was organized. They are H. L. (Sparky) Rolli, shift foreman at Flashers 1 and 2, Dubbs 1 and Dubbs 3, and F. D. (Fred) Obermiller, Assistant Department Manager. Both men have been in the department since 1922. Rolli will have 35 years' service in June, and Obermiller will be celebrating his 33rd Shell year in July. Between them, 68 years operating experience.

Obermiller and Rolli typify the operating men of the department. For out around the Dubbs Units, a man with less than 20 years of operating experience is just a kid. A goodly number of the Thermal Crackers have been here 25 years or more.

Few people know that H. L. Rolli's name is really Harry. Everyone in the plant calls him "Sparky." And, not unlike other operating men, Sparky is a real teller of tales. His stories have a reputation for being mighty hard to top. And when it comes to operating know-how, Sparky is again, hard to top.

His years of experience as an operator and shift foreman have instilled in him a real knack for operations.



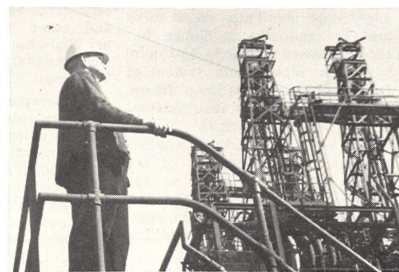
Dubbs 1 Reformer which recently went back into operation, was moved from East Chicago in 1939 and re-constructed here.

Sparky knows just what to do, when to do it.

Sparky has been a shift foreman since 1924. His experience dates back to 1920, when he hired in as a gauger in Distilling. Perhaps only another shift foreman, or at least another operations man, can recognize and appreciate the responsibility that 30 years as a foreman has at one time or another entailed. But it is generally a popular consensus that a man with this kind of experience is almost immune to excitement or rash judgment.

Good-natured Fred Obermiller, like Rolli, has been in the department since 1922. When Dubbs 1-A went on stream, Obermiller was a gauger. He went up to operator in a short time, and worked in this capacity until 1924, when he became a shift foreman on Dubbs 7 and 8.

Fred, now Assistant Department Manager, was a shift foreman for 16 years on various units. In 1940, he was appointed Shift Assistant Department Manager, and in 1950 became Day Assistant Manager in Catalytic Cracking. When the Cracking Department was divided into two separate organizations in 1952, Obermiller became Assistant Department Manager of Thermal Cracking.



Fred looks up at the towers above the coke chambers at Dubbs 17. As Assistant Department Manager, Fred keeps a close watch on unit operation.

combined years with Shell. Naturally, they have seen numerous changes take place during their 68 combined years with Shell. Naturally, they have seen new and improved operating procedures developed and put into use. Re-design of various vessels and equipment have made shutdowns easier, quicker, and more inclusive. Organization of Engineering Inspection and the Safety Department has greatly reduced lost-time accidents on the units.

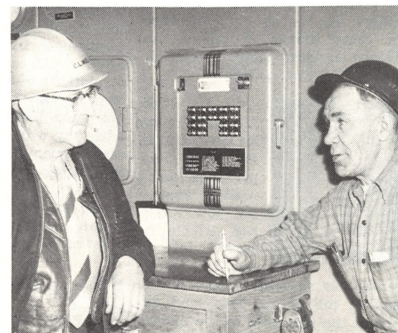
These improvements didn't just happen as a matter of course. It was through experimentation and actual operation that new methods were developed. Today, operation is a real science when compared to the old days of all steel lines and one safety valve per unit.

Operations men, engineers, and technologists at Thermal Cracking won a battle with corrosion, which plagued the units in the early days of operation. A mixture of hydrated lime and topped crude, charged to the units, helped combat corroded lines. Chamber walls, coated with ganister—a protective lining—were also given added life and fortification against corrosion.

As operation continues through the years, constant improvements are taking place. While operation today is a finely-tooled process, and while the casual observer might see little room for improvement, oilmen are constantly devising and experimenting with new methods.

Without the pioneering of men like Fred Obermiller, Sparky Rolli, and many, many others, technologists and engineers could not have developed the countless number of improvements now in force. Advancements in education have aided the oil industry, to be sure. But without that old master—experience—for which there is no substitute, the search for new methods would have been a tougher, longer, and more punishing experience.

Applaud education and science, for without it we would not have the wonderful industrial age of today. At the same time, recognize the great job accomplished by men who long ago knew that, "There are some things they just don't put down in books."



C. L. Wood, left, discusses operating procedures with Rolli at the Flasher Unit. Sparky has been a Cracking shift foreman since 1924.

Fire Crew and Truck in 1935



This picture, taken in 1935, looks quite different from the same truck today. In the fire crew are several faces still seen around the refinery. The husky fellow in the right front seat of the cab is J. G. (Jim) Cuddy, Light Oil Treating day foreman. How many of these boys can you identify?

'Old Betsy' Has Made Her Last Plant Jaunt

South Roxana Fire District Acquires Old Shell Firetruck

Wood River Refinery's 1934 model firetruck has made it's last plant run. One of the most serviceable and durable vehicles ever to operate on refinery roads, the truck was purchased last month by the South Roxana Volunteer Fire District in a sealed bid transaction.

The refinery purchased a new truck last year, and the old International just wasn't needed any more.

A Big Help

But while Old Betsy wasn't needed here, it will be a welcomed addition to South Roxana, now in the midst of setting up a new district. Al Doerr, Control Lab tester and one of the organizers of the district, helped handle the arrangements in acquiring the truck.

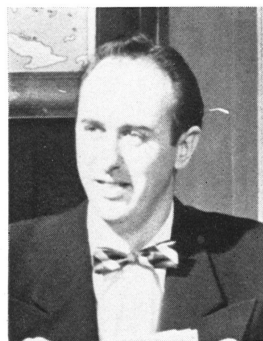
Recently 80 men signed up for volunteer fire duty at South Roxana. (At least 85 per cent of them are Shell employees.) And Shell's truck will be an auxiliary unit in helping these men extinguish fires in the community of 1400 residents. A new fire house is under construction, and a new truck will soon be coming off the assembly line.

An Outstanding Record

It will be fitting duty for Old Betsy, as Bill Keller says, "A truck that never let us down." Keller, General Automotive Foreman opinions that there are still a lot of miles left in the 1934 International.

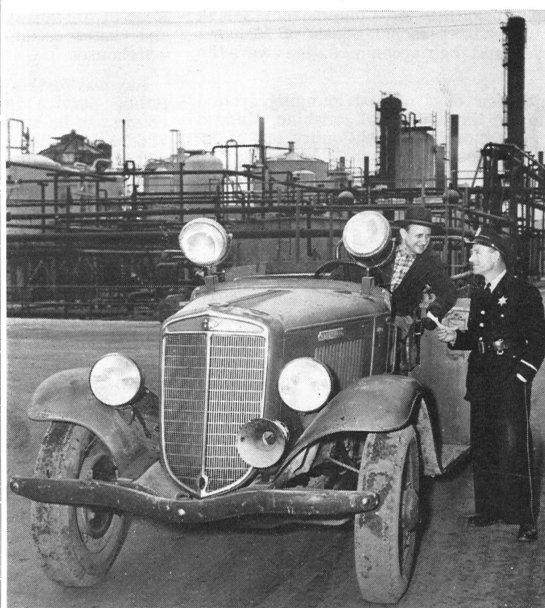
There were only 1,143 miles on her when Al Doerr drove her out the Main Gate late last month. And that's not many—not for a 20-year old.

Hayward



Bruce Hayward, popular WTVI newscaster, and a veteran radio man from St. Louis, will be the guest speaker at the March Shell Club meeting. Hayward is regarded as one of the outstanding TV personalities in the area, and regularly speaks to three or four groups weekly.

Headed for South Roxana



Al Doerr drives the old firetruck through the Main Gate on its last trip from the refinery. Al is handing the pass to Joe Howard, watchman, as he heads for South Roxana and the truck's new quarters.

Oil Companies Staking Millions in Search for Oil in Gulf of Mexico

Oil companies are staking millions of dollars on a long-shot gamble for new supplies of oil in the Gulf of Mexico.

At the Government's first auction, bonuses up to \$1,000 and \$1,200 per acre were offered for the right to hunt oil in untested territory in the stormy, deep water off the Gulf Coast.

These sums are only fractions of the millions that must be invested in special marine equipment and drilling and producing costs. Even then, many of these ventures will be unsuccessful, by the law of averages.

The willingness of America's privately-managed oil companies to invest huge sums indicates their faith in the future, not only the future of the oil business, but of the United States and the American way of life.

The
Shell Club
Will
Crown
A
QUEEN!

Gas Manager at Norco for Past Five Years

Alkylation Manager Is Veteran Operations' Man

S. F. Good, newly-appointed Manager of the Alkylation Department, arrived here January 15. For the past five years Manager of the Gas Department at Norco Refinery, Good succeeds A. J. Wood, recently promoted to Chief Technologist.

Joining Shell in 1936 following his graduation from Rice Institute, Good gained experience in the Distilling, Gas, and Technological departments at Houston Refinery. In 1944, he was appointed Assistant Manager of Houston's Gas Department. He held this position for approximately five years before being named Gas Manager at Norco.

Good and his family are now living in Staff House 8. He and his wife, Clotile, have two children, Paul, 8, and Carolyn, 5.



S. F. Good

Pipe Crews Prove They're Good Group

Pipe line crews laid 620 miles of 8-inch pipe in less than six months to link Haines and Fairbanks, Alaska, and proved Alaskan "old-timers" wrong in their predictions that it couldn't be done. The pipeline is part of a \$29 million project to supply United States military installations in Alaska with all types of fuels. Oil men battled frozen soil, melted and swampy "subsoil," Arctic mosquitoes, and pipe that wouldn't stay buried. The fact that they conquered these and other obstacles is a tribute to their ingenuity and daring.



"Loitering at the fountain has sure declined since you hung up your portrait, J. B."

Taking a Free Physical Exam Is Sure Check on Your Health!

Since the recent revision of the Shell Voluntary Physical Re-examination Program went into effect, many employees have taken advantage of this chance to check up on their health. In addition, several employees have appointments pending to take the examination.

As previously announced, the results of these re-examinations are exclusively a matter between the examining physician and the employee concerned. No report is made to the Company other than the fact that an examination has been made.

Voluntary Exams

The re-examinations are voluntary and may be taken approximately once every three years at Company expense. Although the examination may take a comparatively short time, it is an effective way to learn whether you are in good health or require medical attention.

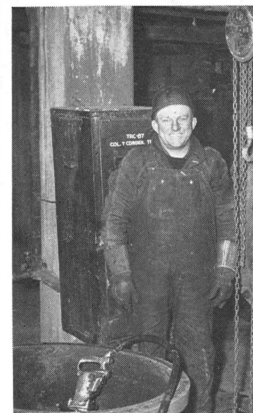
The examinations are preventive in nature and are intended to provide each employee with a regular means of reviewing his physical condition with a competent physician. They serve not only to relieve the mind if no potentially disabling condition is found, but also to bring to light conditions which, if caught in time, might be corrected.

Permit Correction

In the majority of cases, employees have been found to be in normal good health, but there have been instances where employees have been able to learn of unsatisfactory physical condition in time to permit correction and thus avoid serious illness.

If you wish to take a physical re-examination, all you have to do is call J. A. Rozic, Personnel and Industrial Relations, plant phone 342.

Prevents Injury

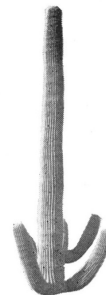


R. J. Tucker, boilermaker working at Catalytic Cracking, recently prevented a possible lost-time accident when his foot was caught between a bundle and a walkway. Tucker received a slight injury to his foot, but were it not for the fact that he was wearing safety shoes, he would have suffered a severe fracture. Tucker reports that safety shoes have prevented injury to him on several occasions.

Gas was not used for cooking to any great extent until about 1860. Gas ranges were regarded as an innovation at the Centennial Exposition in Philadelphia in 1873.



WELCOME to Arizona!



The Arizona Development Board Threw the Doors Wide Open for Mr. and Mrs. R. J. Mellies, And What a Wonderful Time They Had . . .



When Mrs. Mildred Mellies hung up the phone, she was quite happy. On the other end of the line was the master of ceremonies of "The Phrase that Pays" radio program, and Mildred had just won a free vacation trip to Arizona for herself and her husband, Wood River technologist R. J. Mellies. Mrs. Mellies' phrase was "Settle Your Hash", and the gravy was the free vacation.

But if Mildred and Ray were excited before going to Arizona, they were completely obsessed after spending a few days in the colorful, wonderful state. For Mildred and Ray were the fortunate recipients of Arizona hospitality at its best.

They were flown to Arizona free of charge by American Airlines January 8. Upon their arrival in Tucson, they were met by a welcoming party from the Arizona Development Board, and ushered into Tucson's beautiful El Conquistador Hotel. Here they were the personal guests of Manager Edward Meyer, and their accommodations were the finest.

Following a few days of just lounging around and breathing in the wonderful sunshine, Mildred and Ray went on "tour" of Pinal County, one of the outstanding sections of Arizona. Accompanying them on the trip was Mrs. Bernice Jones of the Development Board.

In Florence, concluding the first of a two-day tour of Pinal County, Mildred and Ray were "arrested" for bringing a cold Illinois' day to warm Arizona. Mildred was transported through Florence in an ancient carriage, and Ray was paraded through town at the end of a rope, much to the amusement of the residents. School children danced for the Mellies right on Main street.

Their two-day tour began with a flight from

Tucson to San Manuel, a new mining town just recently founded in the southeastern tip of Pinal County. Here \$100,000,000 will be spent in developments for an expected 7,000 residents by 1956. A 500,000,000-ton copper deposit fathered the birth of San Manuel. Copper from San Manuel mines will increase the United States' copper output eight per cent.

A husky cattleman's dinner at Kelvin followed a tour of the copper mines around the town of Ray. The Mellies' were guests of Mr. and Mrs. Morris Wilkens, who operate a cattle ranch, another of the state's booming industries.

That evening, the Mellies' were honored at a banquet at Coolidge, where they talked with Mr. and Mrs. Elmer McManus, formerly of Wood River. The McManuses both worked for Shell at Wood River prior to 1946. The next day they flew over some of the best cotton producing land in the state and visited cotton processing, baling, and storage warehouses.

Ray was further impressed by a visit to Arizona's Public Service Power Plant, one of 12 in the country to be built out-of-doors. Built at a cost of \$26,500,000, the plant will have a final capacity of 200,000 kilowatts.

Following their informative two-day tour of Pinal County, Mildred and Ray returned to the El Conquistador, where they spent the remainder of their vacation.

Needless to add, Ray and his wife were really sold on Arizona, and are still talking about the marvelous hospitality they received on their trip.

They hope to return again to the land of sunshine, where they treat an industrial technologist and his wife like a king and queen.



Upper Left—Winter vacationing in sunny Arizona. Framed in palm fronds, the Mellies' are shown walking across the lawn of the El Conquistador Hotel, Tucson, where they stayed during the week of January 8 - 16. The tower of the El Conquistador is shown in the background. At Left—Paula and Anthony first graders at the mission school of San Xavier del Bac, and Franciscan Brother Boneventure, honored the Mellies with a personal visit when they stopped to view the mission. It is the oldest mission in the United States which is still in use. Bottom Left—A real sheriff's posse and handcuffs greeted the Mellies' at Florence in their Pinal County tour. This gesture was typical of the broad humor and warm hospitality extended to the Mellies' on their visit. Bottom Right—Lunch at the famous "Caverns Cafe", once a Mexican jail which housed Pancho Villa, was another highlight of the Mellies' visit. The cafe is located in the border town of Nogales, half in Arizona, half in Mexico.



February Service Anniversaries



20 Years
W. H. Halbe
Labor



20 Years
G. Derickson
Asst. Chief Eng.



30 Years
O. G. Forcade
Eng. Office



30 Years
F. H. Sawyer
Aromatics



20 Years
H. E. Ragus
Gas



20 Years
R. F. Ruckstuhl
Asbestos



25 Years
E. K. Bracht
Pipe



25 Years
R. J. Gallman
Utilities



25 Years
J. L. Hall
Pipe



25 Years
W. L. Lash
Lube



25 Years
T. D. McPike
Thermal Cracking



25 Years
S. W. Moran
Zone Supv.



25 Years
J. R. Venable
Electrician

15 Years

W. L. KOCH
Machinist

C. E. MITCHELL
Machinist

M. M. PACKARD
Asbestos

M. M. SCHWAB
Machinist

F. A. TOSH
Pipe



Retired
S. Aldridge
Boilermaker



Retired
Dan Keslick
Pipe



Retired
W. L. Koch
Machinist

10 Years

R. R. CLEM
Compounding

C. B. ELLIOTT
Utilities

R. M. THORNBURGH
Utilities

Brotherhood Week Held Feb. 20-27

Nation wide observance of Brotherhood Week, sponsored by the National Conference of Christians and Jews, will be held Feb. 20-27. President Dwight D. Eisenhower is honorary chairman of the observance. Ben Duffy, president, Batten, Barton, Durstine and Osborne, Inc., is general chairman.

The 1955 theme is "One Nation Under God."

Special events in more than 10,000 communities throughout the United States will mark Brotherhood Week. Educational institutions, religious and civic organizations will participate. Programs will extend the work of the National Conference which stimulates year-around programs in schools and colleges, churches and synagogues, labor-management and community organizations, and in newspapers, magazines, motion pictures, radio and television.

The purposes of Brotherhood Week, according to Dr. Everett R. Clinchy, president of the National Conference, are to give people an opportunity to re-dedicate themselves as individuals to the ideals of respect for people and human rights. "We try to dramatize the practical things that people can do to promote an understanding and realization of those ideals. Brotherhood Week is essentially a campaign against the prejudices and bigotries that disfigure and distort religious, business, social and political relations."

Shell Club Officers for 1955



New Shell Club officers for 1955, installed at a January meeting, are, left to right, P. J. Leininger, treasurer; E. B. Gillis, secretary; J. T. Loftis, president; H. J. (Hubert) Hayes, tailtwister, and E. C. Lewis, vice president. Leininger, Gillis, and Hayes are new additions to the governing body, while Loftis and Lewis held other club offices last year.

Local Boys Lose Another to Neighbors, 74-63

Standard is 'Immovable Object' for Shell Cagers!

Seven out of nine is a mighty fine percentage, but Shell's Industrial League basketballers find that it just isn't going to be good enough to win the league championship this year. Shell's cagers, victorious in seven of nine outings, can't seem to get by their old rivals, Standard. Two losses to the Torch Club have all but canceled out the Shell boys' chances of repeating as league champs.

This month, Shell defeated Onized Boxboard, and Western, only to lose a heart-breaker to Standard February 14, 74-63. The contest was a whirl-wind battle all the way, as are most Shell-Standard tilts. Standard took the lead, 17-15, in the first quarter, only to have Shell move ahead 33-34 at half-time. It was 52-51 Standard going into the finals, and 22 last-quarter points put the Torch Club on ice. Shell meanwhile added but 12 last-stanza points to fall 11 points short.

Jones of Standard led all scorers with 27 points, followed by Sims and Miller with 17 each. For Shell,

Kenny Zumwalt, the old reliable, dropped in 19. Zumwalt was followed by Hubbard with 17 and Oehler with 14.

In other February games, Shell defeated Onized, 53-49 in an overtime; Alton Boxboard, 75-50, and Western, 52-44.

Shell 53, Onized 49

The Onized-Shell game was another real thriller. Shell trailed by one point at halftime, 30-29. But the local boys came roaring back in the third quarter to take a 40-35 lead, holding Onized to but five third-quarter markers. But then

again Onized came back in the final quarter to knot it all up at 49-all at the end of regulation playing time.

Shell added four points in the overtime period and held Onized scoreless to win handily. Zumwalt's 20 points, 14 of these in the third quarter, helped Shell on their way. Shields added 13 and Pazerio had 11.

Shell 75, Boxboard 50

This wasn't much of a contest, with the local five jumping off to a 17-4 first-quarter lead. It was 37-14 at the half, and from there on

Leaks Are Wasteful at Home, Office

So accustomed to having plenty of everything, we sometimes get careless, allow wasteful "leaks" in our homes and places of work.

Leaks in the home raise our cost of living, add up to big bills at the end of the month. So, 1. Insulate walls properly, fill cracks, fix broken windows in cold weather. 2. Shut off electric appliances when not in use. 3. Repair leaky faucets—one tiny leak can waste precious water at the rate of 200 gallons a day! 4. Plan your family needs ahead, figure out a budget and stick to it.

Shell 52, Western 44

Led by Bill Davenport, who in addition to his rebounding added 16 points, Shell stayed ahead of Western throughout the game and won going away, 52-44. Although neither team hit with consistency, Shell was good enough to win without too much trouble.

SPORTS



The Anchor Man —

Pete's Problems In Bowling are Not Numerous

To hear Pete Dochwat talk, you'd think he was a 140 bowler. While Pete leads all Super Shell bowlers with a hefty 182 average, he doesn't have too much to tell about how he upped his mark to that altitude. And the personable young fellow, who anchors the New Rack team, further maintains that the sport of pins is mostly luck.

"Don't get me wrong," Pete goes on to explain, "I'm not saying that ability and practice won't help a fellow on his game, but he still has to have that important item—luck—or he won't hit the high averages."

Pete, who lives in Madison, began bowling just four short years ago. We asked him how he achieved the perfection he has attained in such a short length of time. He went on to explain that after averaging around 162 last season, he decided to buy a ball with a Bates grip—a ball bored for the natural hook—to raise his average.

A Good Idea

The idea worked. Pete raised his average to 167 at the end of 1954, and this year started off like Buddy Young out of the blocks. Pete holds the highest three-game series hit in plant league circles this year with a whopping mark of 690! Included in this series were games of 216, 223, and 251, a real night's work. Pete laughed as he said, "Believe me, I was plenty lucky that night."

We opined that to maintain a 182 average, you had to have something more than luck. Pete explained in this way, "Well, to tell you the truth, if I could offer any advice I'd say to try to do everything the same way, every time. Take the same number of steps, stand the same place on the alley, throw the ball the same, and so on. If you can establish your delivery so that it comes without thinking, you probably will knock down a few."

It is perhaps unnecessary to add that Pete has been knocking down a few all season long. His strikes and spares helped the New Rack outfit finish the first half in third place, just four games away from the winning Cracker Box team.

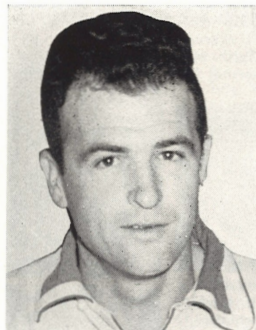
Pete's problems have obviously been small ones this year, with his high 182 speaking for itself. But he says his biggest difficulty is keeping away from the splits. "I always aim for the New York side," he said, "But plenty of times that ball gets away from me, and I hit 'em right on the nose."

Lots of Wood

Plenty of bowlers would give their right arm (well, anyway, their left arm) if they could "hit 'em on the nose" like Pete. He throws a whale of a nice hook, and consistently gets plenty of pin action.

And perhaps even more of the pin-splitters would give anything for the ability in Dochwat's right arm. It has to be there to average 182 and collect a 690 series.

To be sure, Pete won't blow his own horn. But he doesn't have to. His average speaks for itself. And loud! J. K.



Pete Dochwat

Shell 1955 Bowling Tourney to Be Held Saturday, March 5

It was announced this month that the Annual Shell Singles and Doubles Bowling Tournament, sanctioned by the American Bowling Congress, will be held Saturday, March 5 at East Alton's Bowl Inn.

Entry blanks can be secured from team captains or J. R. Wharry, Engineering Inspection Office. Shifts will be filled in order of receipt of entries.

Servicemen Too

Any Shell male employee, pensioner, or military service man who has bowled at least 15 games up to and including January 28, 1955 in an A. B. C. sanctioned league anywhere is eligible to take part in the tournament.

Entry fees for singles is \$1.50 per person, and the doubles' fee is \$1.25 per person.

Seventy-five per cent of the difference between your combined average and "200" will serve as the established handicap. Entries must include all averages of all A. B. C. sanctioned leagues in which an entrant has bowled 15 games or more. Averages will be based on composite averages of all such leagues as of January 28, 1955. All averages are subject to verification.

Prizes Guaranteed

Guaranteed first prize in the doubles division is \$50.00. First place prize for the singles will be \$25.00. The remainder of the prizes will be determined by the number of entries. The Shell Recreation Association guarantees the prizes throughout the tourney.

A three-man tournament will be held Saturday, March 12 at the Bowl Inn. Entry fee for this tourney is \$1.25 per person.

Even Industrial Relations—How About That?

New Faces in First Place In Three Plant Pin Leagues

Standings have been juggled considerably in three of the five Plant Bowling Leagues since the first-half rankings were released. Only two of the five first-half champs are now in the lead in their respective leagues. Industrial Relations has taken over first (at least for one week) in the Premium League. Plant Tech is out in front in the X-100 loop, and the Gas Plant has moved into the Super Shell League lead.

Premium League

Industrial Relations, with a large majority of the breaks going their way, and with a fine series February 16, moved into the Premium League lead with 14 wins and 7 losses. Included in their 14 wins were clean sweeps over Engineering Inspection and Lube Vacuum. The Dispatching Gaugers, the team that stopped the Electricians' win streak at 17, are in a second place tie with 13-8, just one game down. The Cokers also are 13-8. Three teams are in a tie for third with 11-10. They are the Inspectors, Lube Vacuum, and Lube Extraction.

The Electricians and Machinists, last year's champs as well as first half Premium League victors, are in seventh place with 9 wins and 12 losses.

Dispatching's 1137 is way out in front for team high single, and their 3227 is tops for team high three. Joe Nagy and Johnny McConnell are tied for high individual average with 181, and Paul Hertel's 659 is still tops for individual high three series.

X-100 League

The Plant Tech boys with 12 wins and 9 losses, are one game in the lead in the X-100 loop. The Whiz Kids and Dispatching Office are holding down second with 11-10, followed by the five remaining teams who all have 10-11 marks. This league shapes up as the most competitive of the five, with every team capable of whipping another three straight. This one should be a close tussle right down to the wire.

The Inspectors, with 11-11, are tops for team high single, and are second for team high three with 3098. The Cat Crackers, with 3113, are high for team high three. Pete Dochwat's 690 series and his 182 average are tops in the loop. Dochwat also has the high single for the year, a 234 he hit several weeks ago.

Super Shell League

The Gas Plant has surged into a one-game lead in the Super Shell loop, with the Machinists and Research Ramblers tied for second with 7 wins, 5 losses. Fire and Safety, the first-half champs, are having their troubles after losing their first three, and are currently in sixth place with 5 and 7.

Ralph Niepert's 180 average still leads all Super Shell bowlers. He's six points ahead of Decker and Strebler, who each have a 174. The Welders have a 3136, the best for team high three, and the Research Relics' 1116 is the team high single thus far. Frizzell and Roller each have a 246 game, high for the league. And Elmer Gillis' 641 is the top high three series.

Golden Shell League

The Brickmasons have moved out in front by two games in the Golden Shell league, with 9 wins and only 3 losses, a .750 percentage. In second place is the Engineering Office with 7 and 5, followed by the Engineering Mixups, Instrument Department, and the Supervisors with 6 wins and 6 losses.

Charley Irwin of the Boiler House has taken the high average lead away from Broadway. Irwin is one point ahead of Broadway, 175 to 174. G. N. Andrews of the Boiler House has been lifting his average each week, and is now third with a 171.

Broadway still retains the lead for individual high three series with a 607. His closest rival is Irwin with 592. Hires has the top single game, a 251. The Engineering Office's 1098 is the team high single, and the Mixups have a 2457, which is the team high three.

Ladies' League

None of the fem teams seems to be capable of stopping the powerful Oilerettes, who won the first-half championship by a mile. The girls are still at their habit of downing all their rivals with equal authority. They now lead the league with 14 wins against only 1 loss this half. Their closest competitors are the Shell Mixers with

10 and 5, followed by the Activators with 8 and 7.

Wilhite of the Oilerettes has the highest average on the team with 144, but the girls seem to hit good enough to top teams with much better marks.

The Oilerettes do have the team high three for the year with 2423, but other teams top them in the other divisions. The Shell Mixers have the high single series, 842. Boren leads in high game with 229, and Nash has the high three-game series with a 611. Mrs. Nash is also out in front with a 166 average, 18 points better than Fiessel, her nearest rival.

Number Two Team Only 3 Games Out

Number One Industrials in Four-Way Tie for First

Shell's No. 1 Industrial League bowling team has fought its way to a four-way tie for the first place in hot competition for the third-quarter crown. Already victors in a first-half roll-off, the team one boys aren't going to rest on their glory, and are giving the rest of the league plenty of trouble. Their record as of February 18 stood at 11 wins, 7 losses.

Tied with Shell for first place in the third of four divisions of play are Onized Two, Sinclair, and Onized One, all with like marks of 11-7.

Meanwhile, Shell's No. 2 team is in eighth place, just three games out of first.

Team Average Is 904

The No. 1 team is still way out in front with a team average of 904. Their closest competitor is Onized One, 20 points down with 884. Shell's No. 2 team has a team average of 860.

Dave Patton, tied for third place with a 184 average, had a fine 644 series this month to take third in that division. Jess Grover's 674 still holds down second place, and West of International Shoe is first with a scorching 703.

Grover Still Second

Jess Grover, team one's anchor man, is second in the league for

high individual average with 186, Patton is third with 184. Other team one members are hitting as follows: Schindewolf, 182; Nagy, 178; Hertel, 176; Oden, 171, and McConnell, 168.

Team two: Fiessel, 186; Hackenthal, 178; Boyd, 174; Thompson, 173, Farley, 172; Niepert, 170; Isted, 169; Archibald, 167; Madosh, 161, and Neutzman, 151.

Plant Cage Standings

Team	W	L
Dispatching	8	0
Treasury - Research	6	2
Engineering Office	4	4
Control Lab	3	5
Distilling	2	6
Pipefitters	1	7

They Copped the Cups



These three ladies were winners of first-place trophies in the Annual Shell Ladies Bowling Tournament held this month at Bowl Inn. Left to right are Dorothy Boren, Ina Moore, and Lil Klump. Boren and Moore won first place in the doubles event, while Mrs. Klump copped the singles crown. Hitting for a grand total of 1219, Boren and Moore won out over Stetson and Nash, who hit 1185 in the doubles. Mrs. Klump, with a 115 average, hit a scratch series of 452. She received 189 handicap points for a grand total of 641.