

HELP YOUR  
RED CROSS  
Join and Serve  
Contribute Today!

THE SHELL REVIEW

SHELL CLUB  
DANCE  
Godfrey  
Civic Center  
Friday, May 20  
Plan to Attend!

## Red Cross Drive near Conclusion

Contributions are still being accepted in the Refinery Red Cross Drive, according to L. L. Sarchett, drive chairman. He added that donations would be recorded through Friday, April 8.

Approximately 75 per cent of the contributions have been turned in, with four departments having 100 per cent participation in the drive. Products Application and Personnel & Industrial Relations, two departments who also led the recent Community Chest Drive, both had all employees contributing to the Red Cross. Engineering Inspection and the Carpenters also had all members of their departments contributing to the campaign.

A nine-man committee working on the current drive includes Sarchett, H. L. Sparks, Treasury; C. A. Rude, Personnel and Industrial Relations; C. M. Williams, Lube D & D; W. A. Titus, Carpenters; J. L. Klinko, Tool Room; J. T. Loftis, Stores; J. O. Harris, Fire and Safety, and C. L. Baker, Engineering Field.

Employees still wishing to contribute to the Red Cross need only to give their donation to their foreman or supervisor. All proceeds will go to the Alton-Wood River Chapter of the Red Cross, unless otherwise specified.

Last year's Red Cross campaign netted \$4,320 for the local chapter.

## Industrial Athletic Association Plans Summer Program

The Industrial Athletic Association held its Spring meeting March 14 to discuss plans for the formation of Industrial and Not-So-Good softball leagues this summer.

J. O. Harris, chairman of the SRA board of directors, represented Shell at the meeting.

Plants entering teams in the Industrial League include Shell, Standard, Sinclair, Owens-Illinois Glass, Olin-Mathieson, and Illinois Power. Last year, Shell's Not-So-Good team copped first place for the fourth consecutive season, and the Industrial boys finished second behind Sinclair.

The Not-So-Good league will be composed of teams from Shell, Standard, Alton Boxboard, and Owens-Illinois Glass. Owens intends to enter two teams in the circuit.

All games will be played on Shell, Standard, Olin, and Owens diamonds.

The Association also discussed plans for the formation of a Little League baseball organization. April 15 is the deadline for team entries.

VOLUME 18 — NUMBER 3

WOOD RIVER, ILLINOIS

MARCH, 1955

### First Five

SHELL CLUB 1955



Spring Dance

Friday, May 20



Queen Candidates

Shell Club Queen candidates, nominated this month by an impartial committee, are: 1. Lynette Spudich, Engineering Office. 2. Margaret Dams, Research Laboratory. 3. Mary Ann McCune, Compounding. 4. Margie Erzen, Stores, and 5. Gloria Wolff, Stenographic. One of these girls will be crowned "Shell Club Queen" May 20 at the club's spring dance at Godfrey Civic Center. Mrs. Wanda Jennings, "Mrs. America of 1955", will crown the first queen in the history of the Shell Club.

Will Be Crowned at Spring Dance May 20

## Five Women Nominated for First Shell Club Queen Here

For the first time in the history of the organization, the Shell Club will crown a queen. The 1955 "Shell Club Queen" will be elected from a group of five nominees, selected early this month. Mrs. Wanda Jennings, "Mrs. America of 1955," will crown the Shell queen at a coronation ceremony at the club's spring dance May 20 at the Godfrey Civic Center.

Girls nominated include Miss Margaret Dams, Research, Miss Margie Erzen, Stores; Mrs. Mary Ann McCune, Compounding; Mrs. Lynette Spudich, Engineering, and Miss Gloria Wolff, Stenographic. The nominees were selected by an impartial nominating committee after a series of meetings. The committee considered all Wood River Refinery women employees.

#### Voting Explained

Voting regulations were also outlined by the committee, together

with Shell Club officers. Only those people purchasing tickets for the dance will be eligible to vote. A ballot will be attached to each ticket, and the purchaser is entitled to vote for one contestant. The election will be kept secret until the dance, when the coronation will take place.

The 1955 dance is expected to be one of the largest ever sponsored by the Shell Club. In the past years, facilities have been such that only a small crowd could be accommodated. However, this year

250 couples can be comfortably accommodated.

#### Coronation at 10

The May 20 dance will feature music by Al Rezabek and his Orchestra, and will be held from 9 p.m. to 1 a.m. The Queen coronation is scheduled to take place at 10 p.m.

Tickets for the dance will be available April 1. They may be purchased from Shell Club officers and Queen contestants. Donation is \$3.00 per couple.

## Egg Hunt Is Set for April 9th

April 9 is the date scheduled for the Third Annual Easter Egg Hunt, sponsored by the Shell Recreation Association, according to V. T. Welch, chairman of the affair. Activities will get under way promptly at 1 p.m. at Kendall Hill, and this year's event will feature added prizes for entrants.

The increased attendance at the Egg Hunt has prompted SRA board members to prepare for a larger crowd, order more candy eggs, and include additional prizes. More than 1500 sacks of eggs will be distributed at the Hill.

#### Three Age Groups

This year, the children will be divided into three groups; walking age to 6, 6 to 12, and over 12 years of age. Ten grand prizes will be awarded for each group — a total of 30 big gifts compared to 20 in 1954. The grand prizes will consist of large baskets of eggs, bunnies, and candy. Children finding hidden "prize" eggs will be eligible for the grand prizes.

Traffic will once again be directed by Boy Scouts from the area, according to Welch. The scouts will also help hide the eggs and keep track of wandering youngsters.

#### Invite All Children

The SRA is issuing a special invitation to all employees with families to join in the festivities. "We're expecting another big crowd", chairman Welch said, "And this year, we'll really be prepared for it." He added, "We've ordered twice as many eggs as we had last year, and that should more than take care of the anticipated larger group of youngsters."

All SRA board members will be on hand to assist in the handling of the event. Parents need not worry that their children will lose their way, since the hunt will be well-chaperoned.

## SRA Fishing Contest To Be Held Here Beginning May 1

Plans are being formulated for the first annual SRA Fishing Contest, according to Al Doerr, chairman of the project. The contest, staged from May 1, to September 30, is open to all SRA members, and will be a competitive event with prizes going to the first 10 winners.

The contest has two divisions, including bass and crappie fishing. Five prizes will be offered in each division.

Sportsmen may enter as many fish in the contest as they wish. Each catch will be weighed, and the largest fish will be kept in cold storage in the cafeteria. At the end of the contest, the men catching the 10 largest fish in weight will be eligible for prizes.

No entry fee will be charged — but all entrants must be duly-recognized members of the Shell Recreation Association. Further information concerning the contest will be in the April issue of the SHELL REVIEW.

# Personnel Changes Announced



W. S. MYERS



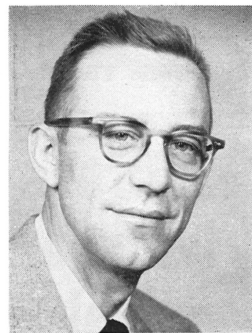
J. A. MARSHALL



R. A. FISCHER



J. W. FORD



L. W. LINEBARGER

## Ford to Anacortes; Linebarger Heads Field Office

# Myers Succeeds Malson; Marshall, Fischer Promoted

Five supervisory movements were announced here this month by Refinery Manager H. D. Dale. Three of the management changes were brought about through the appointment of P. E. Malson to manager of Zone A at Shell's new Anacortes, Washington refinery. W. S. Myers has been named to succeed Malson as Dispatching Manager, and J. A. Marshall will succeed Myers as Gas Manager. R. A. Fischer, Aromatics technologist, was promoted to Assistant Manager of the Aromatics Department.

Dale also announced that J. W. (Jesse) Ford has been promoted to Training Supervisor at Anacortes.

In another supervisory move, L. W. Linebarger was appointed Field Office Supervisor to succeed N. F. Bast, transferred to the Shipping section.

### W. S. Myers

W. S. Myers has been Gas Department manager at Wood River since February, 1953. He came to Wood River from Norco, Louisiana, where he was Assistant Manager of the Catalytic Cracking Department.

Myers initially joined Shell in 1937 as a technologist at the company's Arkansas City, Kansas plant. He was transferred to the Houston, Texas plant in 1938, where he became a senior technologist. In 1945, Myers was promoted to Assistant Manager of Distilling at Houston.

He spent seven years in New Orleans as a senior technologist for International Lubricants. In 1952, he was transferred to Norco, and in 1953 to Wood River.

Originally from New Orleans, Myers graduated from Rice Institute in 1937 with a B. S. in chemical engineering. He is married and has four children.

### J. A. Marshall

J. A. Marshall, newly-promoted Gas Department Manager, joined Shell in 1940 as a chemist at the Houston, Texas Research Laboratory. He entered military service in 1941, and returned to Houston in 1945.

He was later promoted to Group Leader in Research at Houston. In 1952, Marshall was named senior

technologist in charge of the Experimental Laboratory at Wood River. He held this position until he was appointed Assistant Manager of Aromatics in 1953.

Marshall is a graduate of the University of Oklahoma, where he received a B. S. in chemical engineering.

He is married and has four children.

### R. A. Fischer

R. A. Fischer, Assistant Manager of Aromatics, has been with the company seven years, all of which have been spent at Wood River in various technological capacities.

He joined Shell in 1947 as a technologist in the Lube Department. He also worked in the Light Oil Treating and technological departments before being assigned as technologist in Aromatics in 1952.

A native of Belleville, Fischer graduated from high school there. He received a B. S. in chemical engineering from the University of Illinois in 1947. He spent three years in the Air Force during World War II.

Fischer is married and has two children. He still makes Belleville his home.

### J. W. Ford

J. W. Ford, a veteran of 28 years with the company, will assume his new position as Training Supervisor at Anacortes April 1.

Ford has been Training Assistant here for the past eight years. Prior to that time, he served in various capacities in the Control Laboratory.

He has lived practically his entire life in Wood River, and has long been active in civic and public welfare activities in the community. He served 16 years on the city council, 15 years as Republican District Chairman, and three years as president of the Social Planning Council. He was also chairman of the original Wood River Township Belk Park committee. He has been a member of Lions International for 14 years, and served as president of the Wood River chapter.

He has headed fund drives for the Community Chest and Red Cross both in Wood River and here at the refinery. In 1951, Ford led a campaign for a bond issue in regard to a sanitary and storm sewer project for the city.

Ford also holds memberships in the Moose, Alton-Wood River Sportsmen's Club, Alton Motor Boat Club, Wood River Social Planning Council, and many other area organizations.

Acquiring prominence as a public speaker throughout the area, Ford has also for several years been a contributor to newspapers and trade journals. For 10 years, he edited a column in the Wood River Journal.

Ford is a graduate of Wood River high school, and received a B. S. in mathematics from Shurtleff College in Alton. He also has done graduate work at Washington University, St. Louis.

### L. W. Linebarger

L. W. Linebarger has been with Shell for six years, all of which have been spent in the Treasury Department at Wood River.

He joined Shell in 1949 as an accountant in the refinery's general accounting section. He served in various capacities for two years before being appointed refinery auditor in 1951.

Born in Cape Girardeau, Missouri, Linebarger was graduated from Central high school there. He later attended Southeast Missouri State College for two years before enrolling at St. Louis University, where he received a B. S. in commerce and finance in 1948.

Linebarger spent three years in the Air Force during World War II. He is married and has one son. Linebarger and his family now reside in Rosewood Heights.

## Get Rid of Combustible Material

# This Is Spring! And Time for Checking Household Fire Hazards

Family projects have many virtues to recommend them, and no project has greater value than the one suggested by the National Board of Fire Underwriters. It's this: A FAMILY CAMPAIGN AGAINST FIRE!

The value of such a campaign is twofold. First, it is worth while. Our annual 300,000 home fires prove that! Second, there's a part in it for every member of the household, from the oldest to the youngest.

### Start It Now

Not next week, but this week, is the time to begin your campaign against fire. First, throw out all combustible rubbish you can find in your home. Everyone can help. And as you clean each room, look around for other fire hazards there.

For instance, you may find frayed electric cords, or outlets that are carrying more than their share of appliances, or fuses bigger than the 15-ampere ones recommended for most household circuits. There may be two few ashtrays handy—or the ashtrays may be too small, or the kind that tip over easily. You may notice that kitchen curtains are hanging dangerously near a gas burner, or that your stove needs to be cleaned of grease that has accumulated in the oven or broiler.

Also, check your memory, has your furnace been cleaned lately? This should be done once a year—but it's a job for a professional, not for you.

### Campaign Must Continue

After all possible hazards have been corrected, you may think the campaign is over—but instead, it's only beginning. Fire plays tricky rules. It can be your friend so convincingly that you may forget how easily it can become your enemy if you lower your guard.

A survey recently completed by a leading life insurance company among its industrial policyholders aged 1-74 shows that fire is responsible for more than a quarter of the fatal injuries in and about the home among men, and boys, and a third of those among women.

Only by carrying on the campaign against fire day after day, year after year, can you hope to win out over fire!

## No. 3 IN CONTEST



Miss Bobbie Jones, daughter of Mr. and Mrs. M. L. Jones, Roxana, was awarded third place in the "Miss Wood River" contest May 26. Bobbie's father, Marvin, is a Control Laboratory employee here. Also entered in the contest was Mary Chandler, daughter of Mr. and Mrs. W. H. Chandler. Chandler is employed in the Research Laboratory.



Published monthly for the employees of the Shell Oil Company, Wood River Refinery.

JIM KAHMANN ..... Editor

### REPORTERS

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

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## Candid questions

QUESTION ASKED: "What, in your opinion, is the chief factor contributing toward the increase in juvenile delinquency in the United States?"



**K. E. Schumacher**, Engineering Inspection, "In my opinion the chief factor in the juvenile delinquency rise is the inability of parents to realize

that a child needs an environment which affords him guidance, companionship, affection, religion, and integrity. Some of these things are often overlooked in favor of offering the child material things. But money is not as important as other character-building things which I have mentioned. Money, in other words, won't make up for the lack of guidance, companionship, etc."



**C. E. Musgrave**, Labor Foreman, "Well, there's been a lot said in regard to horror comic books contributing toward juvenile delinquency, but I think other factors, or the lack of other factors, contribute just as much in making youths unstable. I feel that there aren't enough recreational facilities provided in communities throughout the country, especially in larger cities. The organization of baseball and softball leagues for youngsters is a big step in the right direction. Another factor is the lack of understanding on the part of parents — they must realize they were once kids. But community guidance is important, in my opinion. Take a look at Boys' Town in Nebraska — they turn out some fine youngsters, and it's due largely to the fact that the boys receive guidance and wholesome associations."

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**C. A. Wentz**, Engineer, "Well, I'm not sure that juvenile delinquency has increased over the past several years, for I haven't seen any statistics on it recently. But, if it has increased, I feel that the transportation situation is a contributing factor. Years ago, when a boy got the family car for an evening, it was really something. Today, if a teenager doesn't get the car every week, it's a rarity. Of course, everyone likes to think they can trust their children, but the temptation is there nevertheless —

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"No, he wasn't being fresh—I was just slapping mosquitoes!"

## New 450-Mile Pipe Line to Move Crude

# Shell Takes Major Stride In Williston Development

Shell Oil Company's operations in the Williston Basin took another big stride forward with the recent announcement of plans for a 450-mile pipeline to carry crude out of the Basin. Construction will start as soon as weather conditions permit.

The Butte Pipe Line Company, in which Shell has a majority interest, has been formed to own the new line, which Shell Pipe Line Corporation, as agent, will construct and operate.

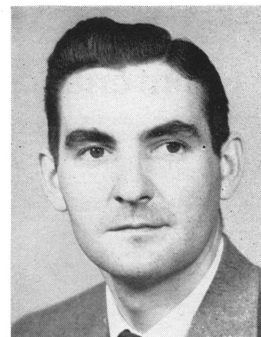
The new 10-12-16 inch line will run south from Poplar in eastern Montana to connect with two existing common carriers, the Platte Pipe Line and the Western Pipe Line. These two trunk lines operate from Wyoming to refining centers at Chicago and Wood River, Illinois.

At present, Shell Pipe Line owns and operates a 35-mile, 12-inch line from the Cabin Creek Field to Glendive in eastern Montana. This line now gathers the production from a number of Shell locations in Eastern Montana and delivers it to the railway siding near Glendive where it is loaded onto railway tank cars. The Cabin Creek-Glendive line will be sold to the Butte Pipe Line Company and will form a section of the Butte line.

Plans for the new line foretell a big increase in Shell's production from its fields in the Williston Basin. Large-scale production has awaited the development of economic pipeline facilities since moving crude by railway and truck is much more expensive. Although of major importance, the new line represents just one phase of Shell's long-term plans for expanding operations in the Williston Basin.

## Guy Hale Jr. Is Promoted to Shell Head Office Staff

Guy Hale, Jr. Stock Accounting Supervisor since February 1, 1955, has been transferred to New York, it was announced this month by L. L. Sarchett, Treasury Manager. Hale assumes his new position April 4.



GUY HALE, JR.

Hale first joined Shell in July, 1949. He was initially assigned to the General Accounting section, where he served in several capacities. In February, 1952, he was promoted to construction auditor. Hale held this position until he was named Supervisor of General Accounting in March, 1953.

He just recently became Stock Accounting Supervisor here.

Born in Karber's Ridge, Illinois, Hale was graduated from Equality high school. He served in the Army during World War II, and later attended the University of Illinois, where he received a B. S. in accounting in 1949.

Hale is married and has two children. For the past five years he has lived in Rosewood Heights.

## Over 45,000,000!

# Record Audiences Viewed Shell Films During Year 1954

The various motion pictures that make up Shell's film program were seen by over 10 million people last year. This is an increase of 23 per cent over the previous year.

In addition, the films were seen by an estimated 35 million viewers who watched television showings of them.

### Help Understand Industry

Shell's film program is intended principally to give the public — including students, general audiences, and museum groups — a better understanding of the petroleum industry. It also includes films which deal with allied subjects, such as science, safety and aviation. Several of the films have won awards in national competitions.

Not including television showings, the films — some in color and all professionally made — were shown 168,586 times during 1954 to an average audience of 63 people.

### Write For Catalogue

An illustrated catalogue of Shell motion pictures can be obtained by writing Shell film library at the following address: Shell Oil Company, 624 South Michigan Boulevard, Chicago 5, Illinois. This catalogue gives instructions on borrowing Shell 16 MM sound films for showing to any group.

## DID YOU KNOW?



That about 80 per cent of the nation's rural roads, including federal and state highways, are surfaced with petroleum-derived asphalt.

That U. S. seismograph crews each year lug themselves and their equipment over a distance 17 times greater than the circumference of the earth in search for oil.

That Diesel fuel demand has increased at a rate of about three times that of gasoline.

That in 1954, about 22 per cent of all chemicals produced were derived from petroleum and natural gas.

That a new, petroleum-derived insecticide kills houseflies in five seconds.

## Dads!

If your son is interested in competing in Little League Baseball this summer, contact a member of the SRA board of directors. April 15 is the deadline.

## Presenting . . .



**MISS BARBARA SCHELLE**, Stores clerk . . . born and raised in Alton . . . daughter of Mr. and Mrs. Arthur Schelle . . . has been with the company for a year . . . hobby at home is sewing . . . but Barb also enjoys outdoor sports from spectator viewpoint, including basketball, baseball, and football . . . also likes dancing and bowling.



**MRS. MILDRED WHYERS**, Duplicating . . . married to Glenn Whyers, now lives in Alton . . . Millie hails from "way out in Richmond, Va., has been Shell girl for a year . . . favorite pastimes are sewing and reading . . . but Millie is glad to see summer coming, for she's an avid fisherman . . . ambition is to own a new home.

# New Stores Manager J. R. Noles Has an Engineering Background

J. R. Noles, who recently arrived here from Shell's Norco, Louisiana refinery to assume management of Wood River Stores, has been with the company since 1947. He has been associated with Stores' operations since 1949.



J. R. NOLES

Noles initially joined Shell in 1947, after spending eight years with the Texas Highway Department. His first assignment was that of a junior engineer at the Norco Refinery. In 1949, he was transferred to the Stores Department. Noles held positions of foreman, office supervisor, and assistant Department Manager of Stores before being appointed department manager in 1953.

He was graduated from Texas A & M in 1939 with a B. S. in Civil Engineering.

Noles is married and has two children, Lois Anne, four, and Luella, three. He and his family now reside at 173 South 9th, Wood River.

## Revives Niece



Ted Corbine, pipefitter, here demonstrates artificial respiration on L. R. McNabney. Corbine is demonstrating the method he used recently to revive his niece, who collapsed at his brother's funeral. This is a new method which Corbine learned at refinery safety meetings. Corbine's niece went into a severe state of shock at her father's funeral, which Ted attended in California last month. A doctor in attendance related that Corbine's presence of mind was largely responsible for the girl's successful recovery.

# INSTRUMENTATION -- Industry's Right-Hand Man

**Instrumentation is a Tremendous Factor in Efficient Refinery Operation—at Wood River, 6400 Instruments Help Operations' Men Keep a Constant Vigil on the Flow, Speeds, Pressures, and Temperatures of Materials.**

**And Behind the Scenes of Successful Application of New Developments, You'll Find the Competent Instrument Mechanic . . .**



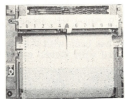
Field has



Developed Rapidly



in Last



15 Years.

**These Complicated-Looking Devices Not Only Look That Way—They Are!**

**Y**OU'D HAVE A ROUGH time convincing today's housewife that she and her family could get along without an alarm clock, one of the handiest household instruments ever devised. But it would perhaps be even more difficult to convince a Wood River Refinery operator or craftsman that he could handle his assignments efficiently without industrial instruments—intricate devices which have played an important part in revolutionizing not only the oil industry, but virtually every industry in the country today.

For industry without instrumentation today would be comparable to modern cars without modern highways, so important is the job performed by thousands of industrial instruments.

And where there is an instrument installation of any type, whether it records, indicates, or controls, there must also be a maintenance craftsman, in this case, the instrument man. To be sure, one of the important specialists at Wood River is this man, a craftsman who must know his business "from the ground up."

### Comparatively Small Organization

The Instrument Section at Wood River is a relatively new field. It has developed rapidly during the past 15 years, until today virtually every major industry in America is dependent upon instrumentation for efficient operation. Through instrumentation, at least in part, industry has been able to expand. New and better jobs have been created. More jobs have been available.

These instrument men have a working knowledge of the refinery, the flow of products, volatility of the feed, specific gravity of various substances, and integration of the units. This knowledge is important to the instrument man in the performance of his regular assignments.

In other words, the instrument man knows what type of processes have what type effect on various instruments for which he is responsible. A thorough knowledge of the overall operation of a plant is a must for a competent instrument mechanic. These trouble shooters have to recognize a problem quickly, take stock of the situation, and make necessary repairs. This type work requires not only knowledge, but mechanical ability.

### An Aid to Industry

Instrumentation in industry is a relatively new field. It has developed rapidly during the past 15 years, until today virtually every major industry in America is dependent upon instrumentation for efficient operation. Through instrumentation, at least in part, industry has been able to expand. New and better jobs have been created. More jobs have been available.

Webster couldn't begin to define instrumentation as we know it at Wood River. Briefly, the family dictionary will convey that an instrument is "that by means of which something is performed or effected." Actually, here at the refinery, an instrument is a device that meas-

ures or controls variables in connection with operation processes. This includes numerous areas, among them temperature, flow, level, pressure, color, speed, flue gas analysis, quality analysis, and many other subjects. Almost continuously throughout the working year, over 6400 instruments are assisting operations' men on their jobs.

Instruments tell an operator how much stock is in a tank remote from his unit; how much pressure is being applied to a line; the exact temperature of material inside a vessel; how much steam is being produced.

Instruments tell operations' men these things and more. Proper instrumentation reflects changes taking place in an operating unit, enabling product quality to be maintained. In addition to field instrument men assigned to zones throughout the plant, the department keeps six men busy in the shop. Here are facilities for calibration, testing, and repair of all types of instruments and their components, including flow meters, temperature and pressure instruments, electronic and control instruments. The shop men are also frequently called upon to handle problems in the field.

### A Field of Opportunity

Instrument men today are in demand by industries throughout the country. An experienced and competent instrument man, like other capable craftsmen, is a valuable asset to any organization.

Here at Wood River, a four-year apprenticeship is required for a new man to become a first-class craftsman. Apprentice instrument men here receive one hour of classroom work per week under the tutelage of the senior instrument engineer. Here actual problems are discussed, along with control characteristics of operating equipment. The class also deals in fundamental training.

Aside from regular classroom work, apprentices are encouraged to take part in other instrument courses. A high mechanical aptitude is not the only prerequisite for his field—he must also be well-versed in fundamental instrumentation.

Those 6400 complicated-looking devices located in control rooms throughout the plant not only look complicated—they are. Some instruments are also extremely delicate, and it takes delicate fingers when maintenance is necessary to keep them operating smoothly.

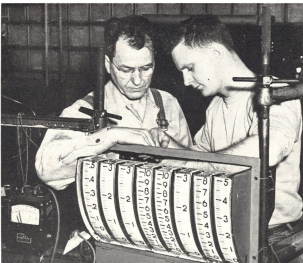
Instrumentation offers limitless possibilities for the future. Even today, instruments are available which utilize infrared and radioactive sources; others automatically record temperatures, pressures, flows, compositions, and reduce this data to simple form on tape or IBM cards.

But behind the successful applications of any new developments will be the competent instrument mechanic—the man who must know his job "from the ground up."

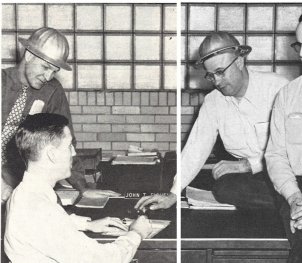
## It Takes Delicate Fingers For Instrument Maintenance Work . . .



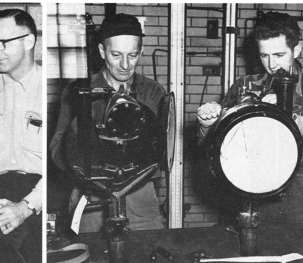
E. P. Liesmann, senior instrument man at the Lube De-Asphalting and De-Waxing plant, is adjusting a Brown multi-point temperature recorder located in the plant's control room. Instruments not only record temperature but can also control, indicate, and measure. This particular instrument shows temperature variations, and operators need it to run their units efficiently.



L. A. Brooks, shop instrument man, and R. H. Rice, a fourth-year apprentice, here are performing major repairs on a Hayes multi-point graph gauge. Six men are assigned to the shop, where something more than minor adjustments and services are performed. In general, shop instrument men through working in particular phases of repair work, are capable of handling other instrument duties.

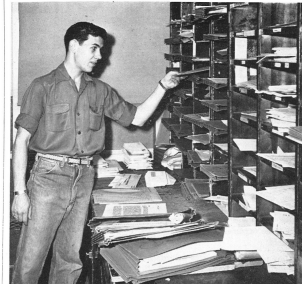


The instrument foremen, together with the general foreman and senior instrument engineer, meet daily to discuss problems and outline the day's activities. Left to right are, H. C. Dolan, general instrument foreman; J. T. Flasher, senior instrument engineer; J. L. Nagy, foreman, and V. G. Christopher, foreman. The instrument section includes 7 engineers, 3 foremen, 28 first-class craftsmen, and 7 apprentices.



A. J. Otto, left, and Orville Rhodes Jr., an apprentice, two men employed in the instrument shop, are repairing two Foxboro flow meters. Instruments of this nature record the flow of material in a given line, and by differential pressure record flow speeds. Flow instruments can also control speeds of a product through a line. Operations' men thus can keep a constant eye on material moving to and from a unit.

## Club Scribe



RICHARD MARTIN—Mailing and Filing's Road Knight.

### Shell Man Rich Martin Is Club's Scribe

## Road Knights of Illinois Support Safe, Sane, and Legal Driving

Too few people actually come to the rescue of a motorist in distress. In fact, statistics show that eight out of every ten motorists are reluctant to lend a helping hand when they see an automobile off to the side of the road with a flat tire or mechanical troubles.

But such is not the case with the Road Knights of Illinois, an aspiring organization composed of young men from all around Bethalto, Illinois. These men are pledged to lend assistance to any motorist, anytime, anywhere.

And one of the more active members of this worthwhile organization is Richard Martin, Wood River Refinery's newest addition to the Mailing and Filing section. Martin, the plant's mail boy for the past five months, speaks loud and clear when he's talking about the Knights.

**Support Safe Driving**  
And rightly so. For this organization, which came into being just two years ago, is already making a name for itself in the interests of safe, sane, and legal driving on the highways. Martin has been secretary of the group since its organization, and is one of the 20 charter members. They meet every other Monday at Civic Memorial high school in Bethalto. Sergeant Robert Brown of the Alton Police is one of the two advisers to the group, and meets with them occasionally. The other adviser is Patrolman Norman Halliday of the Illinois State Highway Patrol, and he makes every meeting possible.

The Road Knights hold economy runs, safety checks, and driving ability tests frequently, but it is the pledge of assistance that is one of their more outstanding attributes. Cases of where motorists in distress have been helped by the Knights are numerous, and the boys are never allowed to accept money in return for their aid.

**Carry Courtesy Cards**  
Each member of the club carries five courtesy cards on his person. When he finds a motorist in distress, he assists him in the best possible way, and presents the motorists with a courtesy card. Printed on the card is the message: "You have been assisted by a member of the Road Knights of Illinois."

In addition to helping those with automobile mechanical difficulties, the Road Knights take precautions to keep their personal auto in top operating condition. A safety check

is conducted every three months, and it is mandatory that all members take part in the program. Items such as tires, king pins, brakes, springs, shackles, and shock absorbers are inspected thoroughly.

**Cut Accident Rate**  
It is possible to score 288 points on the test, and the passing score is 275. Members not scoring 275 on the examination are fined five cents per point per month until the defects have been corrected.

**Diminish the Accident Rate**  
In an age where automobile accidents are widespread, organizations like the Road Knights are helping diminish the accident rate. Their understanding of safe driving and safe automobiles, plus their incentive to aid drivers in distress, is rapidly catching hold. By their example, perhaps other drivers will take the hint and become more aware of their responsibilities.



H. W. McCulloch Jr., PAD engineer, was elected chairman of the St. Louis Chapter of the American Society of Lubrication Engineers this month. McCulloch has been active in the organization in the past, and has served as organization chairman for two technical sessions of the annual meeting program. He will preside at one of these sessions at the April meeting of the National A. S. L. E. in Chicago.

# Field Offices Occupied in March

## Central Shops Force is Afforded Added Space

With construction progress moving ahead of schedule, Engineering Field people this month occupied the New Maintenance Shops office building, located just north of Stores.

The anticipated occupancy date was set at April 1 when work on the shops were launched, and actually the offices were ready three weeks before that time.

The entire Maintenance Shops project includes two buildings—the offices and the shops. The shops were to be occupied the latter part of March.

Office personnel are now afforded added space. Formerly located in the Central Shops building, Engineering Field personnel have private offices in the new building. The building construction features a long interior hallway, and the private offices branch off on both sides of the hall.

The Shops building will give each craftsman 580 square feet of working space. It will house the Electricians, Instrument Men, Valve Repairmen, and Machinists, in addition to an office area for craft offices.

Lighting in the Shops will be by a combination mercury-vapor-incandescent lamps. The level of illumination will be greater than that in the crafts' former quarters. The new Shops also lend themselves to more efficient types of material headline equipment. Some of the older equipment will be replaced by new machines, which will offer quicker repair work.

## Meininger, Romine Prevent Potential Disabling Injuries

Two pipefitters, Bill Romine and LeRoy Meininger, recently prevented possible disabling injuries to themselves through the use of proper safety equipment.

Romine has his safety hat to thank for a clear head today. While removing a burner at No. 16 Boiler, Romine struck his head against a valve. The impact was

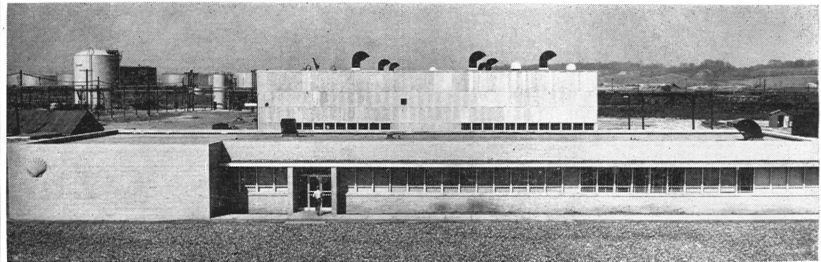


BILL ROMINE

strong enough to smash his safety hat against his glasses and lacerate his nose. But the broken glasses and bloody nose didn't worry Romine — he was thankful he didn't suffer a fractured skull.

Meininger prevented a strong acid burn through the use of safety goggles. While repacking a drain valve at the Extraction Plant shutdown, Meininger was sprayed about the face with Cresylic acid. But the safety goggles protected his eyes, and the rubber gloves he was wearing prevented burns to his hands.

Both Romine and Meininger related other similar incidents which they had experienced at the refinery.

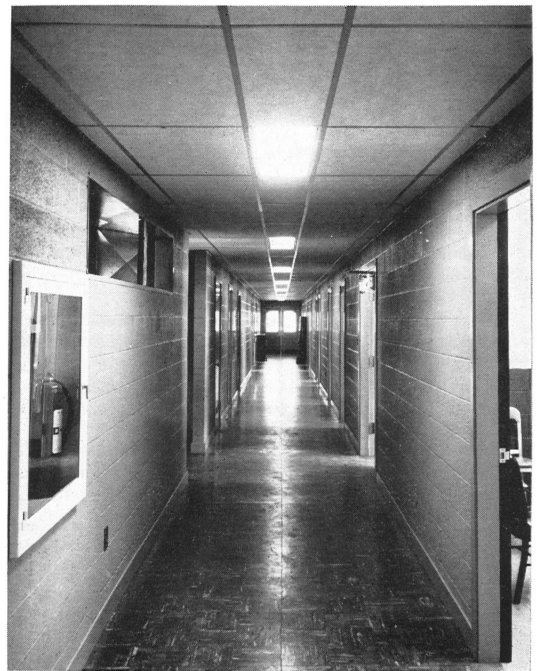


The Maintenance Shops Office building was occupied this month by Engineering Field personnel, who moved to the new building from the old Central Shops. The new office building is located just north of Stores on the Main Office road. Behind the office is the Maintenance Shops structure, which was to be occupied the latter part of March.

## New Oil Tanker Sets Record for Largest Capacity

Oil men, used to setting new records in many different phases of their industry operations, chalked up another one recently. The largest tanker built in the United States made a triumphant entry into New York Harbor amid the traditional harbor welcome. Larger than most of the passenger liners afloat today, the tanker enters world charter for an oil company. With a capacity of 393,000 barrels, the ne w giant sets a record for the largest carrying capacity in the world.

## Interior View



The new office building features a long hallway, with individual offices branching off on each side. It also includes a large conference room. Air conditioned, the new building provides added space for engineers, craft foremen, master mechanics, and other supervisory people.



LeROY MEININGER

**PITCH IT RIGHT!**

**Buy U.S. Savings Bonds REGULARLY**

# Shell Junior Achievers Present Displays



Two Junior Achievement companies, sponsored by Wood River Refinery, displayed their wares at the Annual Trade Fair this month in Alton. The two companies are known as the Shell Nick-Nak Shelves Company and Shellco. Advisors to the Nick-Nak Company are R. M. Horrocks, A. G. Felton, Carroll Abrams, and Melvin Niebur. C. A. Davidson, J. T. Jenkins, and Paul Campagno are advisors to Shellco. The Trade Fair, held each year, is an over-all display of the products of each company. Here, the pro-



ducts of all companies are shown and sold. Junior Achievement companies also employ direct selling throughout the year. The youths manufacture their own products, keep their own books, sell their own products, and at the end of the year in May, declare dividends to the company's stockholders. An organization which teaches America's youth the mechanics of free enterprise, Junior Achievement Companies throughout the country are credited with providing youngsters with actual business experience.

# March Service Anniversaries



30 YEARS  
C. O. Fones  
P & I R



30 YEARS  
A. C. Harris  
Engineering Fld.



30 YEARS  
F. C. Hegeman  
Tool Room



30 YEARS  
H. B. Kincaid  
Thermal Cracking



30 YEARS  
L. A. Wilson  
Pipe



25 YEARS  
J. F. Hoffner  
Utilities

## New Pipe Line Extension to Help Serve Anacortes

The Trans Mountain Pipe Line, which connects the Alberta oil fields to refineries on Canada's west coast, will soon have an extension to serve Shell's new Anacortes Refinery now under construction at Anacortes, Washington.

Work on the Trans Mountain extension, which will be 36 miles long, will start in March. It will extend from Laurel, Washington, to the Anacortes Refinery via Burlington, Washington.

The extension, estimated to cost over two and a half million dollars, is scheduled to be completed by the time the first units of the Anacortes Refinery go on stream in November of this year.

## Laborer Graham's Safety Habits Help Prevent Foot Injury

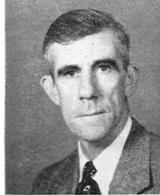


Carol Graham, a laborer who is assigned to the pond, has a good word to say for safety-toe rubber boots.

Recently, Graham was removing a five-gallon bucket of heavy material from the bed of a truck. The handle on the bucket was faulty, causing the weight to fall on his foot. He suffered a slight injury to his instep, but the hard-toe boots ward off damage to his toe.

Safety-toe rubber boots are furnished by the company to employees whose duties require them. Employees who find it necessary to wear heavy boots can therefore enjoy the same protection given by hard-toe safety shoes.

The smallest known fish in the world is the Pandaka pygmea. These are about the size of an ant and are almost transparent, the large eyes being the only feature clearly visible.



25 YEARS  
R. O. Keilbach  
Compounding



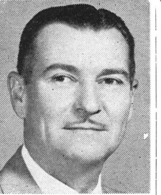
25 YEARS  
J. C. Nelder  
Distilling



25 YEARS  
O. D. Powers  
Dispatching



25 YEARS  
A. R. Rich  
Thermal Cracking



25 YEARS  
T. R. Scott  
Catalytic Cracking



20 YEARS  
C. W. Barnett  
Control Lab.



20 YEARS  
E. H. Behme  
Stores



20 YEARS  
K. I. Scroggins  
Control Lab.



20 YEARS  
J. M. Sheraka  
Experiment. Lab.



20 YEARS  
C. M. Williams  
Lube



20 YEARS  
L. E. Wilson  
Compounding

### 10 Years

- F. R. Alsberg  
Research
- L. A. Keller  
Utilities
- John Martin  
Fire & Safety

- R. E. O'Connell  
Gas
- A. C. Shelton  
Cracking
- J. E. Wood  
Cranes



20 YEARS  
G. R. Wohlford  
Pipe

### 15 Years

- C. A. Crites  
Machinist
- C. S. Cobbel  
Machinist
- Joseph Gregor, Jr.  
Control Lab.
- T. J. Kelly  
Pipe
- C. D. Maroe  
Machinist

- J. F. Murphy  
Machinist
- E. E. Parjanie  
Boilermaker
- R. V. Soapes  
Machinist
- A. H. Strebler  
Control Lab.
- Steve Szegedy  
Machinist

## Five Employees Retire March 1



E. H. Bettman  
Compounding



E. L. Crutchley  
Pipe



W. R. King  
Treasury



Edgar Miller  
Pipe



O. R. Simpson  
Compounding



Wood River Refinery's Red Cross Drive steering committee includes, left to right, C. M. Williams, W. A. Titus, L. L. Sarchett, drive chairman, J. L. Klinke, D. M. Houser, Alton-Wood River chairman, C. A. Rude, J. T. Loftis, J. O. Harris, and C. L. Baker.

## SRA Considers Organization of Shell Choral Club

Interest has been shown in the re-organization of the Shell Choral Club, which has been defunct for several years. According to Ray Cain, SRA secretary, the board of directors has recently been discussing the possibility of organizing another singing group here.

Anyone interested in joining such a group is asked to contact a member of the board of directors or department representatives of the SRA.

If enough interest is shown in the group, SRA will give consideration to the allocation of funds for a choral group.

## Ray Sieve Thanks Safety Goggles for Protecting His Eyes



Ray Sieve, a pipefitter working at Dubbs 17, recently was involved in an accident which could have been serious had it not been for the fact that he was wearing goggles.

Sieve was using a ripping gun to cut flange bolts at the Thermal Cracking unit when a piece of metal chipped off the cutting edge of the chisel. The metal hit Sieve's safety goggles with such force that one lens of the safety goggles was shattered.

It wasn't luck which prevented injury to Sieve — It was his conscientious safety habit of wearing the proper safety equipment.

He also added that safety shoes have prevented serious injury to his feet on at least two occasions.



"Waiter, what's the dish of the day?"

# SPORTS



**The Anchor Man—**

## Charley Irwin Thanks Niepert For Bowling Tip

It seems that most bowlers are modest fellows.

Take Charley Irwin for example. Charley captains and anchors the Boiler House team in the Golden Shell League—the team that copped the first-half championship. It's a matter of record that Charley wielded a big stick in the acquiring of the first-half crown. His 173 average in the Friday night loop is tops in the circuit.

In addition to that, Charley bowls for the Reformers in the Premium League, and is currently hitting a 168 clip.

But Charley maintains that this high-average isn't only a result of his own ability, but a tip from a fellow bowler.

### Grateful to Niepert

"I've got Ralph Niepert to thank for my improved average over the past few years," Charley said. "Ralph had me move over toward the center of the alley, and in the last two year, my average has upped 15 points." Then Charley went on to further explain that he formerly started his approach near the right side of the runway. His ball just wasn't "coming up" like it should. Niepert's tip apparently did the honors for Irwin, for in the last two years, he's averaged 170 in both leagues.

Charley also rates practice as an important factor for good bowling. "Bowling in two leagues will of course help anyone's average," Charley opined. "It's pretty hard to do your best when you shoot only three games a week."

Irwin says he just got off to a better start in the Friday night league, which might explain the fact that his average on the weekend is six points better than in the premium League. Nevertheless, his pin production has been consistent throughout the year in both loops, and Irwin is one boy who can be depended upon to hit right around his average every night - give or take a few points.

### A Smooth Delivery

This is probably due in part to Charley's effortless delivery. He throws a medium-speed ball with a slight hook, and like all good bowlers, he gets more than his share of the wood. He seems to have just the right spin on the ball for maximum action.

Charley didn't start bowling in the Shell leagues until 1947. And for a fellow in his eighth year of competitive bowling, Charley has done well indeed. He says he used to bowl "every once in awhile" prior to 1947, but that it wasn't until he commenced league activity that he began taking his game seriously.

"It's a funny old game," Charley smiled. "Take the Boiler House team. We win the first half, and now we're in last place. Now how can you explain that one?"

We can't explain it, but we'd venture a wager—the Boiler House won't be kept in the dol-drumms for very long.

Not if Charley Irwin has anything to say about it. — J. K.



CHARLEY IRWIN

## Competition Keen In Shell Bowling Tournament Here

Competition was tough indeed in the Annual SRA Bowling Tournament, held March 5-12 at East Alton's Bowl Inn. The winners in the three respective events—singles, doubles, and three-man divisions—all had to hit over their averages to win over the rest of the field.

Joe Nash hit a scorching 609 scratch to take first place in the singles division.

In the doubles, Ed Lewis and Johnny Allison teamed together for a 1290. Lewis had games of 221, 222, and 166 for 609 scratch. Allison hit 515—35 pins over his average. They received 166 pins handicap.

Herb Poitz, Ray Schindewolf, and Clark Judd teamed up in the three-man event to take first place with 1846. Schindewolf and Judd were 39 points over their average for the three games, and Poitz hit 40 more than his season's pace. Schindewolf's 246 game was a big help, as were Judd's 215 and Poitz's 187.

## Bowling

### In the Premium League . . .

Frank Hackethal has been hotter than an Arizona six-shooter the past month, and he is now tied with Johnny McConnell for individual high average with 181. Joe Nagy has dropped two points, way down to 180, and Jim Thompson has a 176 for third place.

Hackethal had two 600 series during the month, a 631 on March 2, and an even 600 March 23.

### plus Super Shell . . .

Elmer Gillis has a 641 high-three series, which has been standing for quite some time. Rives is second in this department with 609.

## But Oilerettes and Brickmasons Hold Healthy Leads

# Looks Like Fight to the Wire In Three Bowling Leagues

Bowling action in two of the five plant leagues has narrowed down to two teams dominating the play and holding onto a firm, first-place lead. But in the Premium, Super Shell, and X-100 circuits, the boys are still fighting it out, with no more than a one-game lead being held by any of the league leaders.

The Brickmasons in the Golden Shell league and the Oilerettes of Ladies league fame have a secure grip on their front-running positions. But it's a different matter in the Premium league, where Industrial Relations and Engineering Inspection are in a first-place tie. The competition is also keen in the Super Shell loop, with the Research Ramblers only a half-a-game ahead of the Welders. Over in the X-100 league, the Whiz Kids have a one-game edge over Plant Tech.

### Premium League

Industrial Relations, after finishing in a tie for last place in first-half standings, is making a strong bid for the second-half crown. But the other teams in the league aren't standing still for that. This past week, Engineering Inspection won three from Lube Extraction to move into a first-place tie with P & IR, each with 22 - 14 records. The Cokers are only one game down with 21-15, and the Electricians and Machinists are now making their move. The first-half champs are 20-16 now and have been making it tough on everyone.

### X-100 League

The X-100 league is probably the tightest of the bunch, with the last-place team only three games out of first place. The Whiz Kids took the lead away from Plant Tech the past month, and are now in first with 21-15. Plant Tech is second with 20-16, and the Cat Crackers are 19½-16½ for third. The Cracker Box, first-half champs, are only three out of first with 18-18, even though they're in the cellar.

You can't count anyone out in this see-saw battle.

Pete Dockwat's 181 average is by far the best mark in this league, and it looks like Pete has this one cinched. His closest competitors are Robinson and Tarcha, in second place with 167 each.

### Super Shell League

Research's Ramblin' Ramblers moved from second to first during March, and the ousted Gas Plant boys dropped from first to fourth. The Ramblers are only a half-game ahead of the Welders in the fight for the title. Research has 16½-10½, and the Welders are 16 and 11. The Control Lab is third with 15-12, and the Gas Plant stands 14-13.

Ralph Neupert has a 179 average, tops for the lead. He is followed by Bert Streblor and Decker, each with a 174.

### Golden Shell League

The Brickmasons are proving, at the expense of other Golden Shell teams, that you don't need a high-average outfit to stay in the lead. The masons have one of the lowest-averaged teams in the circuit, but still retain a four-game hold on the top position. Stringer's 166 is high for the team, and Harris is second with 151.

With a 18-9 record, the masons are ahead of the North Property Engineers, 14-13 and the Supervisors, with a similar mark. The Boiler House, first-half champs, are buried in the cellar, with a record of 12 wins against 15 losses. The Boiler House, by the way is one of the highest-averaged teams in the lead.

### Ladies League

It's still the Oilerettes by a mile in the Ladies League. They stand 22-8, six big games ahead of the Shell Mixers. The Firecrackers are in a third place tie with the Shell Mrs., each having 17-15 records.

Tootsie Nash's 167 average is a cinch for that title. Boren is second with 149, a long way down. Mrs. Nash also has the high three series for the year, a whopping 611, which probably won't be topped - unless Tootsie does it herself.

## Going for First Place?

# Shell Industrial Team Two Finishes Round in Second

Shell's Number Two Industrial League bowling team has been painting a different picture in the league during the past few weeks. They up and surged right past their "big brothers" (Team One) and finished in a tie for second place in the third quarter standings. Meanwhile Team One, victors in the first-half roll-offs, dropped to a tie for fourth place with 13 wins and 14 losses.

Team Two finished the third quarter with 16 wins and 11 losses to tie with Sinclair. Onized One did the high honors with 18 and 8.

Frank Hackethal, Ralph Niepert, Jim Thompson, Reggie Boyd, and Art Farley, to name a few, have paced Team Two in their quest for the crown. These boys are hitting respective averages of 178, 170, 173, 174, and 173, and have given the team a big lift.

Other Team Two members and their respective averages are Neutzman, 166; Archibald, 169; Isted, 168, and Madosh, 161. Their over-all team average is 864, 33 points less than Team One's even 900.

The Number One team is nevertheless the league's strongest contender. They won the first quarter and defeated Onized for the first-half roll-offs. They are thus assured of a crack at the league championship. Team Two meanwhile must win the fourth quarter to compete for the crown.

Team One has four of its members among the league's top 15 bowlers. They are Jess Grover, who leads the league with a 183 average; Dave Patton, 182; Ray Schindewolf, 180, and Joe Nagy, 177.

## Hits 723 Series

# Bowler Wib Howell Doesn't Let Sons Show Him Up!

The Wilbur Howell family seems to have a knack for producing good bowlers. Dad Wilbur is a pretty fair pin-toppler in his own right, but his sons, Dude and Kenny have really been burning up the alleys in local tournaments.

Dude combined with a fellow bowler to hit 13549 at the Wood River Bowl early this month for second place in the city doubles tournament, and Kenny hit 709 in the singles to easily cop first place.

Then pop Wilbur came back later to hit a high 723 series in league play bowling for the Wells-Schmidt team. Included in this series were games of 200, 244, and 279.

Wilbur commented that he couldn't let his boys get the best of him, and that he wanted, "to get his name in the paper too." Howell is a Compounding Department employee here at the refinery.

## Golden Shell Leaders



Still in first place in the Golden Shell league are the Brickmasons with a record of 18 wins, 9 losses. Left to right are, standing, E. J. Duerr, R. L. Frederick, R. F. Stringer, and F. E. Long. Seated is J. L. (Whitey) Harris. Missing when the picture was taken were team members Johnson and Kendrick. The Masons are still four games ahead of the North Property Engineers and the Supervisors in Golden Shell competition.