



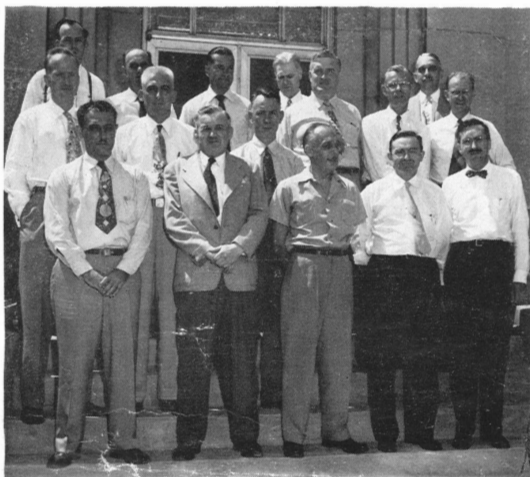
# THE SHELL REVIEW

VOLUME 16 — NUMBER 5

WOOD RIVER, ILLINOIS

AUGUST, 1953

## LOCAL SHELL MEN ATTEND STANDARDIZATION MEETING



The Shell Standardization Committee held its annual meeting during the latter part of June this year at the Montreal Refinery. Among those who attended were two Wood River men, R. C. Wilbur, Manager - Control Laboratory, and F. F. Hoffman of the Research Laboratory. Shown in the picture are: (top row from left) H. Fromm, Toronto Laboratory, Canada; E. F. Tesche, Martinez Refinery; L. A. Shaw, Wilmington Refinery; E. G. Travis, Manufacturing Operations, Head Office, N. Y.; F. D. Tuemmler, and L. van der Ween, Shell Development, Emeryville, California; F. F. Hoffman, Wood River Research Laboratory; and S. Z. Perry, Shell Development. In the middle row are: J. Rae, Houston Exploration and Production Laboratory; W. N. Day, Norco Refinery; and W. B. Milligan, Shell Development. In the front row are: R. C. Wilbur, Wood River Refinery; E. C. Wilkinson, Shellburn Refinery, Canada; E. G. O. Way, Montreal Refinery; M. O. Baker, Houston Research Laboratory (Houston Refinery); and J. B. Harkness, Houston Refinery. The purposes of the Standardization Committee are to standardize laboratory tests throughout the Shell Group, to investigate new tests, develop satisfactory methods of analysis, and to determine reliability of tests through cooperative efforts. Results of the work of this committee are evident in the Shell Method Series, a seven volume collection of standardized laboratory procedures.

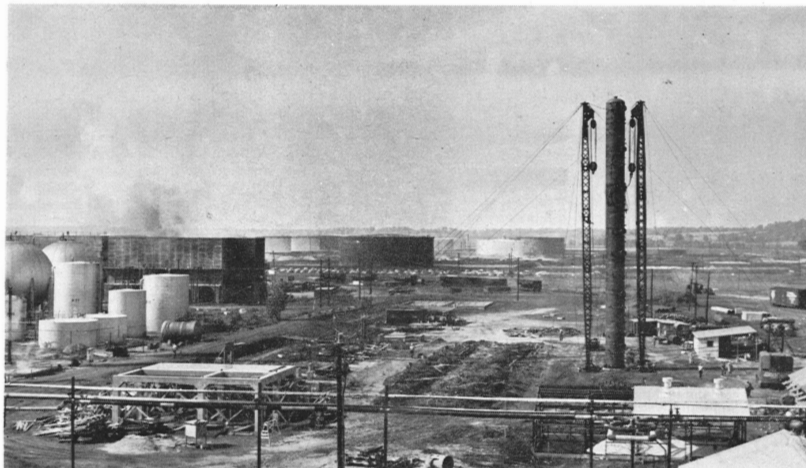
## THREE SHELL VETERANS RETIRE AUGUST 1



At the monthly dinner honoring retiring employees on July 31, were (standing) A. Collins, L. E. Barton, J. M. Wilson, C. E. Hightower, and C. E. Rushing. Seated are retiring employees S. W. Anderson, Wm. Clayton and Charles Dilling.

While commodities in general have risen 90 per cent on the govt. 222 Shell women employees are ernment price index since 1935-39, members of Desk & Derrick Clubs gasoline prices have climbed only 1 throughout the United States and 48 per cent. | Canada.

## CONSTRUCTION BEGINS ON ALKYLATION PLANT NO. 3



Another phase of the refinery's expansion program is taking shape - Alkylation Plant No. 3. This unit is being constructed on the site of the old Coke Yard just east of Alky. 2. In the left foreground is the structure for the refrigeration compressors. Directly behind this structure three reactors will be built. Still further to the north can be seen the foundation for a new cooling water tower. In the center foreground preparations are under way for pouring footings for the pump house. The depropanizer column has been raised and the deisobutanizer column is yet to be added. In the right foreground the framework for the new Alky. Zone Shop and office has been erected. Far to the left and in the background a new spherical tank will be built for iso-butane storage. The contractor for this project is Arthur McKee. The picture was taken from tank M-8 100 yards south of the Main Office road.

## Sticky Stuff For Saber Jets

Lighter, faster aircraft are in the sky today because of the unique gluing qualities of Shell Chemical's EPON\* resins.

Aircraft designers have known for years that they could reduce an airplane's weight by substituting metal "honeycomb" for solid metal. They've used this honeycomb wherever they could, for flooring and other flat surfaces where the stress was not too great. It wasn't until they tried EPON resins as adhesives, however, that they've been able to use metal honeycomb for airframe parts with curved and shaped surfaces as well.

EPON makes it possible to fasten thin sheets of aluminum to the aluminum honeycomb — like slices of bread around a sandwich fill — so firmly that the end result is just as strong as a solid metal spar of the same dimensions, and considerably lighter.

One leading manufacturer today uses the new binding technique for some 50 secondary parts of planes. The glue holds firmly even under the tremendous stress of F-86 Saber Jets and other high speed aircraft. \* Registered Trademark: U. S. Patent Office.

## Shell Of Canada Opens New Solvents Plant

A new chemical plant has been put on stream by Shell Oil of Canada to provide expanding Canadian industry with a new source of high quality solvents for use in surface coatings, synthetic fibers and other chemical products. The new plant, which can supply 20 million pounds of isopropyl alcohol and acetone a year, is located adjacent to the Montreal East Refinery and will draw its feed stock from the refinery. It is the first such plant ever built in Canada.

## SHELL FATHERS, SONS AT BOY SCOUT JAMBOREE



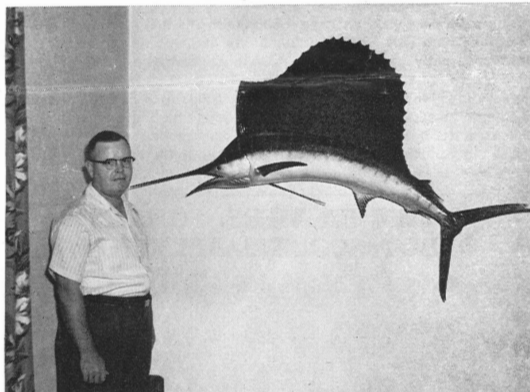
The only two father and son teams attending the recent National Boy Scout Jamboree in Southern California were from this area. Carl Krieder, in the Indian costume, is the son of M. J. Kreider of the Compounding Department (standing in rear). At left is A. L. Wetzel, Control Laboratory, and his son is beating the drum for the Indian dance. Young Wetzel is a 1st Class Scout, while Carl Krieder is an Explorer Scout. There were over 46,000 boys at the Jamboree from the United States and fourteen foreign countries. C. O. Fones, Nurse - Emergency Hospital, also attended the Jamboree, along with Richard Wiedey, a Star Scout, and son of C. R. Wiedey of the Distilling Department.

## KENDALL HILL SHELTER PROJECT MAKES PROGRESS



On Saturday, August 15, a crew of volunteers loaded, hauled, unloaded, and leveled 100 cubic yards of sand for fill within the footings of the shelter house at Kendall Hill. This was preparatory to the laying of the concrete floor which is now in progress. The brick-masons have begun laying the blocks on the rest-room sections at the southeast corner of the building, and pipe work for the necessary plumbing fixtures will soon be installed. In the above picture (from left) are L. E. Bethards, Personnel and Industrial Relations; R. L. Graham, Engineering Office; W. H. Tomerlin, Truck Driver; V. F. Walker, Experimental Lab; and L. W. Crossman, Truck Driver. Also working on this day's project but not in the picture were R. C. Byron, Experimental Lab; L. Dillow, Truck Driver; G. U. Pike, Crane Operator; and F. E. List, Personnel and Industrial Relations.

## LANDS BIG FISH IN FLORIDA



While on vacation earlier this year F. E. Pullen, Utilities Department (above) and his wife went deep sea fishing off the coast of Miami Beach, Florida. During the course of one of their trips for which they had chartered a cruiser named the Seacomber, both Pullen and his wife hooked large fish. Mrs. Pullen had hooked a Marlin which fought and struggled for several minutes and finally straightened out the hook and escaped. Pullen had hooked a large sailfish which he gradually worked in and landed. It measured 6'2 feet in length. He now has the fish mounted and on display at his home on Hawley Street in Alton.

There will be close to 10 million oil burners in use for central home heating in the United States by the end of 1960, according to Jack L. Minner, Manager of Shell Oil's Fuel Oil Department in New York Head Office. This estimate compares with the 6,366,000 in use in 1952 and the 2,821,000 in 1946.

Praise is a far greater influence in human relations than blame. It is very strange that many employers fail to recognize that fact in managing men and women and boys and girls who work for them—and that employees fail to recognize it in dealing with the boss—Gardner Hunting in Good Business.

SHELL'S RETIREMENT PROGRAM CAN BE ADAPTED TO FIT YOUR INDIVIDUAL SITUATION



Experience has shown that retiring employees face a variety of different situations. Some employees retire with heavy family responsibilities, others without dependents. Some must rely entirely on their Shell benefits, others have outside life insurance, savings or investments as added sources of income.

Shell recognizes that no single, rigid pension formula could meet every financial and dependency situation. For this reason, the Company's Retirement Program offers a variety of choices to permit employees to pattern their retirement income to their particular needs.

When you, as a Shell employee, retire on a Full, Proportionate or Early Pension, you may elect to take your pension on a "straight-life" basis—that is, a regular retirement income that will continue only as long as you live. You have the alternative, however, of selecting an option under the Pension Plan which will permit you to provide for your wife, child or other approved beneficiary in the event of your death.

Under beneficiary options, you can provide that your beneficiary will get a monthly pension or a lump sum payment, or both, after your death. When you elect a beneficiary option, of course, your own monthly pension payment is reduced since the money which has been set aside for you must now stretch further. It is for you to decide, in the light of your family requirements, to what extent you are able to accept a reduction in your pension income to provide continuing benefits after your death.

Although you should give this matter careful consideration well in advance of retirement, you can give written notice of your election of an option at any time before you retire. If the option is to become effective as of the date of your retirement, notice must be given not later than one month prior to such date. If the notice is given less than one month before retirement, the option becomes effective one month after written notice is given.

If you need to increase your anticipated retirement income, you may, at retirement, use all or any part of your Provident Fund to purchase a Supplementary Pension from the Pension Trust. Or, as a Shell pensioner, you may deposit any or all of your Provident Fund monies with the Fund to share in earnings. For this you may elect any one of several methods of withdrawal.

In other words, the provisions of the Shell Retirement Program can be adapted to help meet almost any retirement situation.

Shell Oil's Pacific Coast Exploration and Production Area has established a new Division to cover its operations in Utah, western Colorado, southern Wyoming, southern Idaho, eastern Nevada, western New Mexico and eastern Arizona. The new Division will be known as the Salt Lake City Division and will have its headquarters in Salt Lake City, Utah.



TIPS  
on

## TOURING

FROM CAROL LANE

Most drivers have been on one end or the other of the plaintive plea, "Hey, can you give me a push so I can start my car?"

There is not a passenger car on the market today designed to push another one. There are several reasons why you should not feel like a "heel" for refusing to be the "pusher."

1. You can end up with serious and expensive damage to the driveline parts, or unsightly scuffing to your bumper.

2. You may become jointly liable for any accident caused by the pushed car. In fact, many localities have ordinances prohibiting pushing.

3. Particularly in city traffic, pushing can rarely be accomplished with any degree of safety since a speed up to 20 miles an hour has to be achieved before the car may start.

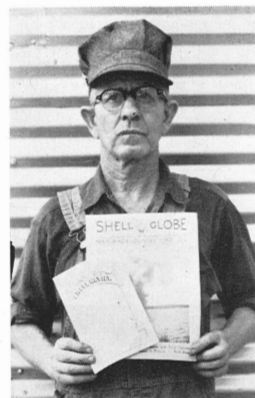
4. Proper pushing techniques vary according to the car's construction and the cause of its distress. There are no simple rules, and to adopt the wrong technique may either be useless or cause damage to the car.

5. If the cause of the distress is a flooded carburetor, pushing is unnecessary. Advise the driver to switch-on the ignition and hold his accelerator to the floorboard, without pumping it. This should dissipate the excess gasoline and allow the car to start.

There's no need to leave a distressed driver in the lurch, however. Offer him a lift to the nearest service station or garage—places properly equipped to help him.

From the very beginning of my business career, more than half a century ago, I found that employee-employer relations based on Christian principles are harmonious and profitable. While I do not profess to having practiced them to perfection, my experience teaches me that when both employer and employee are motivated by a desire to observe Christian principles honestly, difficulties and problems are easily solved.—J. C. Penney in Good Business.

## Has Collection of Shell Publications

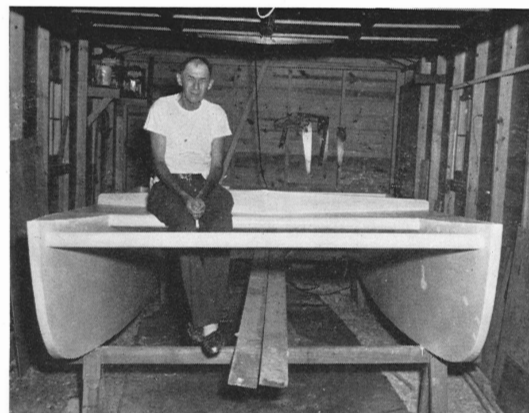


Roy Sturgill, Engineering Field, has a complete file of all Shell publications which have been mailed to him at his home, and a copy of each issue of the Shell Review since its inception in December of 1936. He is shown here holding the first Shell Review and one of the early issues of the Shell Globe, forerunner of the present Shell News. Sturgill will complete 30 years with Shell this year. His home is in Edwardsville.

## Interesting Facts About Shell Review

The first Shell Review (December 10, 1936) contained, among other things, a letter to all employees from the Refinery Manager, R. H. Waser; announcement of the three-way tie for 1st place in the contest for naming the publication (A. E. Bayer, L. C. Wood and W. H. Anderson); a list of employees who were designated as departmental reporters for the publication; and other personal notes. The first editor was J. L. Lofy, who is presently located on the west coast. Following him in order were O. A. Kleintert, Al Patton, and the present editor. The Shell Review began as a semi-monthly publication with four small pages. The format was changed three times and the present size was adopted with the October issue of 1950.

## RETIRED EMPLOYEE BUILDS BOAT



W. J. (Bill) Hoppe, Retired Boilermaker, is shown with his Hawaiian style boat - a "Catamaran" - which he has been building in his garage at his home on Seiler Street in Alton. The twin hull craft is made primarily for sailing, but will also accommodate an outboard motor. The design makes it extremely difficult to capsize, although it draws only four inches of water. Hoppe is a member of the Harbor Point Yacht Club, and will sail his craft on the Alton Lake when it is completed. He has yet to install the mast. The boat is painted white and trimmed in red.



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

FRED LIST ..... Editor

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Engineering Field ..... N. F. Bast  
Research Laboratory ..... J. A. Bowman  
Main Office ..... R. I. Brown  
Sports ..... H. A. Poitz  
Safety ..... E. B. Wiley

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# AUGUST 1 RETIREMENTS



Charles Dilling, (right center) is presented a farewell gift by Ed Green on behalf of all the Pipefitters at the Fabrication Shop. Dilling retired from active service on August 1, and had been with Shell for 31 years.



Wm. Clayton (center) receives a farewell gift from H. E. Straub on behalf of all the Insulators with whom he worked for some 30 years. The picture was taken on July 31 at the Engineering Field Office Building No. 2.



S. W. Anderson, (center) is honored by several of his fellow workmen from the Boilermakers who gathered together for this picture at the Fabrication Shop on his last day at the refinery. At the time of his retirement Anderson had completed 30 years service with Shell.

## Washington University Announces Classes

Nearly 350 evening, late afternoon and Saturday classes for adults at Washington University are scheduled to begin September 28.

"These classes have been planned," said Dean Reals, "to enable a student to work toward a degree or certificate in many specialized and technical fields or merely to take courses for pleasure or personal benefit, to pursue a hobby or to improve his skills." One does not need to be a high school graduate to take many of these courses. An adult with experience is often more capable of pursuing these courses than a recent high school graduate without such experience.

Veterans under the G. I. Bill of Rights are eligible for free tuition, books, and supplies. Korean veterans who attend either as full time or part time students receive payments directly from the Veterans Administration.

The University College office will be open daily from 9:00 to 5:00 except Saturday for counseling and program planning from September 1 through the registration period.

A complete listing of the evening courses is contained in the new fall catalogue. A free copy may be obtained by writing or calling the University College office, 100 Brookings Hall, Parkview 4700. Free counseling is also available.

Those with special problems are urged to come to the University College office well in advance of the registration period. Registration, September 21 to 26, inclusive, daily, except Saturday, from 2 to 4:30 p.m., and 7 to 9 p.m.; Saturday, 10 a.m. to 2 p.m. only.

## BIRTHS

I. C. R. Portwood is the proud father of a new baby girl, named Beverly Kay, born on June 30. Portwood is assigned to the Control Laboratory.

A boy, John Kevin, was born on July 19 to Mr. and Mrs. Ronald McAdow of Wood River. McAdow is in the Engineering Department.

Mr. and Mrs. Richard Schneider are the parents of a boy, Richard Douglas, born July 13. Schneider is in the Engineering Department.

A girl, Janet Gale, was born on July 14 to Mr. and Mrs. Henry Wagonblast of Brighton. Wagonblast is assigned to the Compounding Department.

Mr. and Mrs. G. R. Postlewait of Alton are the proud parents of a baby girl, Mary Jeannette, born on July 25. Postlewait is in the Engineering Office.

L. P. Belobraydic of East St. Louis is the proud father of a son, Louis Phillip, Jr., born on February 2. Belobraydic is assigned to the Pipefitters.

A son, Joseph David, was born on July 19 to Mr. and Mrs. T. D. Allen of Gillespie. Allen is assigned to the Pipefitters.

Mr. and Mrs. Eugene Hildebrand of Gillespie are the parents of a boy, Steven Lee, born August 1. Hildebrand is assigned to the Boilermakers.

Born to Mr. and Mrs. Leslie Hardison of R. R. No. 2 Bunker Hill was Claraine Betty on August 10. Hardison is assigned to the Boilermakers.

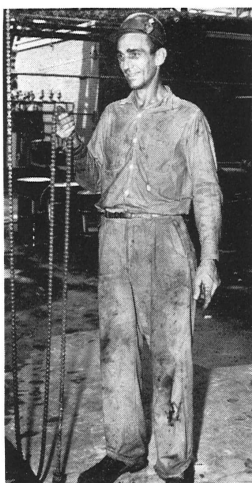
## PERSONNEL & INDUSTRIAL RELATIONS PICNIC



Members of the Personnel and Industrial Relations Department held a picnic on Saturday, August 8, at the Lebanon Country Club. Those in attendance enjoyed golf, badminton, swimming and just relaxing. The committee in charge of the event was made up of Misses Doris Meyer and Anita Hawkins.



## Safety Hat Saves Head



Walter F. Webber, whose account of a safety incident involving a falling chain appeared in the June issue of Shell Review.

## CREDIT UNION COLUMN

### Old — But Essential Facts

The Credit Union is "owned" by its members.

The Credit Union Board of Directors is elected by a vote of members at the annual meeting.

Officers are elected by the Board. Members of the Credit Committee and Supervisory Committee are also elected by the members.

A \$5 share is enough for membership. The entrance fee is 25¢.

A liberal dividend is paid on shareholdings.

Every member can vote at the annual meeting, but each member has only one vote despite the number of shares he may have.

Loans are made for many and varied purposes, such as; to pay consolidated debts, doctor, dental and hospital expense, home repairs, down payment on homes, construction of new homes, vacation, schooling, to purchase new and used automobiles, television sets, furniture, etc.

### Save the Pennies

You don't have to be a Hula Dancer to shake a few pennies every pay day into a savings account

at your own Shell Credit Union. By getting the "rhythm" of regular savings, you will soon be wiggling out of financial worries.

Your savings will grow and grow. Like a Hula Dancer's grass skirt, one or two straws don't cover much, but put many of them together and you really have something.

By regular savings, in a few years you will be able to have your own little "grass shack", under the palms, and you can say Aloha, to the financial troubles.

### Just a Reminder

Did you remember to think of your Credit Union when you signed that last contract for an installment purchase?

Did you ask the amount of the carrying charge, rate of interest, and whether the loan was insured?

Did you compare the cost with that of the Credit Union?

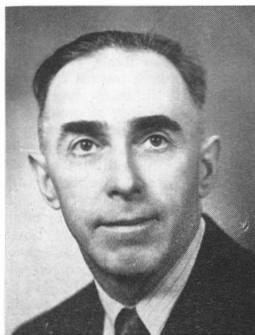
Did you think about the convenience of making Credit Union payments and the other incidental services?

The next time you need money, think of your Credit Union. It is ready to serve you.



# AUGUST SERVICE ANNIVERSARIES

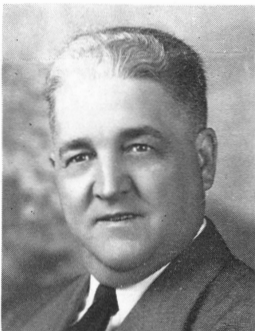
## THIRTY YEARS



J. M. Boker, Engr. Fid.



Raleigh Gillis, Engr. Fid.



N. J. Painter, Control Lab



J. L. Roller, Engr. Fid.

## TEN YEARS

W. J. Autery, Engr. Fid.  
J. J. Biesk, Engr. Fid.  
N. Dustman, Stores  
G. E. Earle, Engr. Fid.  
A. Gazzoli, Treasury  
R. W. Lewis, Research  
C. J. Malecek, Engr. Fid.  
J. W. Mitchell, Engr. Fid.  
C. Romani, Dispatching  
A. B. Rooney, Treasury  
W. W. Stagner, Alky. Dept.  
E. J. Starkey, Stores  
M. Urban, Engr. Fid.  
R. P. White, Fire & Safety  
C. E. Wooldridge, Gas  
W. J. Young, Engr. Fid.

## TWENTY-FIVE YEARS



C. P. Hitch, Light Oil Tr.



E. H. Jasper, Light Oil Tr.



M. T. Pollard, Engr. Fid.



A. C. Roos, Gas



L. E. Sawyer, Engr. Fid.



J. M. Wilson, Supervision



L. A. Winship, Cracking



J. L. Young, Distilling



F. E. Zapf, Control Lab

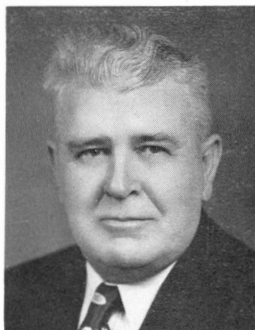
## Jim and Flo Venable Win In Peoria Casting Tourney

At the Illinois State Casting Tournament held at Peoria on August 9 J. R. Venable, Electrician, and his wife Florence each won two separate events during the day's competitions. Venable won first in the trout fly and salmon fly events, while his wife won the Class C % ounce accuracy contest and placed second in the % ounce event. The all-round championship was won by Clem Forcade of St. Louis. The Venables, who reside in Roxana, have been active in casting for many years, and have won wide renown for their achievements in the sport.

## TWENTY YEARS



C. B. Byford, Comp. Dept



J. C. Conley, Engr. Fid.



L. P. Jenkins, Control Lab



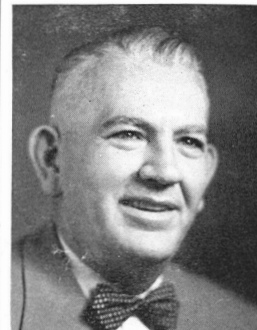
L. A. Opel, Control Lab



L. I. Smith, Cracking



M. D. Smith, Control Lab



H. C. Stover, Cracking

(Pictures Not Available)  
O. J. McNeilly, Cracking  
T. A. Narup, Control Lab  
F. T. Radecke, Jr., Engr. Office  
E. W. Bergesch, Alky. Dept.

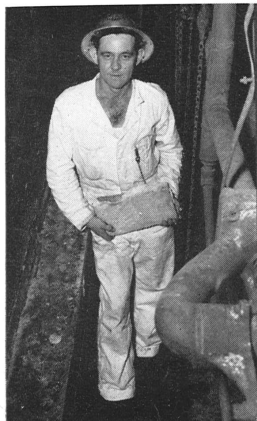
## FIFTEEN YEARS

C. L. Baker  
Engr. OfficeG. W. Critchfield  
Engr. Fid.G. C. Grange  
Engr. Fid.V. W. LaMarsh  
Engr. OfficeC. M. Loper  
Engr. OfficeH. H. McDonald  
Engr. Fid.O. A. White  
Comp. Dept

Pictures  
Not Available  
R. E. Bridgewater  
Engr. Fid.  
L. H. Brown  
Engr. Fid.

# SAFETY NEWS ITEMS

## Pipefitter Says Safety Hat Saved His Life



Bill Schipkowski, pipefitter at No. 1 Boiler House has been working at this refinery eighteen years. From the first day of his employment he has put on his safety hat each morning and worn the hat throughout every work day.

Recently as Bill finished changing clothes in the wash house, he put on his safety hat for the 4,836th time, and went on to the boiler house to see what was in store for him that day.

Near the end of the day Bill was installing a swivel tube on the soot blower in No. 10 Boiler. Brick-masons were working above, installing a baffle. Suddenly a large brick block, weighing 13 1/2 pounds slipped between the grating and pipe above and fell about 7 1/2 feet, landing on Schipkowski's head. A fellow worker caught him to keep him from falling as the blow had dazed him and knocked him off balance.

The metal safety hat was deeply dented, causing a scalp wound that required seven stitches. But Bill states that his safety hat saved his life.

Hundreds of Wood River Refinery employees have prevented serious head injuries by wearing safety hats.

## YOU NEED EXTRA SALT IN HOT WEATHER

### Avoid Heat Fatigue

While talking with an employee the other day the conversation started out with the weather. There had been some extremely hot days in the latter part of July. This employee said he had learned from experience that taking extra salt in hot weather helped him a great deal in avoiding that "fagged-out" feeling which used to bother him.

### Avoid Heat Sickness

A great many employees have learned that taking extra salt helps to combat fatigue in hot weather. You see, the body gets rid of a lot of salt when perspiring freely. The blood is approximately nine tenths of one percent salt and if the concentration of salt gets too low, heat stroke or heat prostration can result. Extreme fatigue can serve as a warning of impending trouble in such cases.

### How Much Salt Shall I Take

The amount of extra salt needed will depend on the amount of heat and perspiration involved. Two salt tablets may be sufficient for a person doing very little physical labor. Men working in hot places may require ten or twelve salt tablets daily.

### One Precaution For Those Having Heart Or Kidney Ailments

Persons having heart or kidney trouble should obtain and follow the advice of their physicians regarding the quantity of salt to be used.

## LOW VOLTAGE CAN KILL

### GROUNDING ELECTRIC TOOLS

"All electrical tools used in process areas under a fire and safety permit should be equipped with third or ground wire to prevent short circuits." — Rules and Regulations, Page 43.

The low voltage hand tools in your shop or on your basement work bench can be the most deadly item you've ever encountered, if they are defective and not properly grounded. Low-voltage hazards are bad enough in themselves. They are even more deadly since many people don't fully appreciate the danger.

On July 5, a man at Danville, Illinois was killed by electric shock while buffing his car with an electric polishing machine. The coroner reported that the 32 year old man had just washed his car and was standing on a wet surface with bare feet.

This experience emphasizes two points. The first is that it is dangerous to ground yourself by standing on a wet surface while using electrical tools. The second point is that a third or ground wire to conduct current to the ground in case of a short circuit is an important safety measure.

A few years ago a woman in this area was found dead in the basement of her home. She was a victim of a short circuit in the wiring of the washing machine. The washing machine may be particularly dangerous in the event of a short circuit as basement floors are often wet on wash day.

There are several ways that electrical tools may be grounded to render them safe. The simplest way for the average home owner who knows a little about electricity, is to use a copper wire (at least as large as the wire carrying electric current) with a clamp on each end. Clamp one end to the frame of the washing machine or the housing of the electric drill and the other end to a water pipe.

## Signs Play Important Part in Safety

Signs play an important part in your safety at this refinery. "Stop" or "Caution" signs, for example, are designed to prevent collisions at intersections. "Do not enter area without written permit" is a sign that serves as a reminder that hydro-carbon vapor may be in the area and a written permit will certify your safety in entering under specified conditions.

Remember the following points with regard to signs

1. Keep signs in good condition.
  - A. Clean
  - B. Repainted as necessary
  - C. Replace bent or broken signs
2. Keep signs in place, so they will serve their intended purpose.
3. Obey signs, they are important to your safety.

## Hof Wafer Burn Results In Disabling Injury

In draining a water heater at No. 8 Wash House with a hose, the hose whipped and sprayed hot water on the leg of a janitor. Some of the hot water got in his shoe and caused a small burn. The original injury seemed very slight but infection developed thus causing a disabling injury.

A pipe drain to the sewer has been installed to correct this condition.

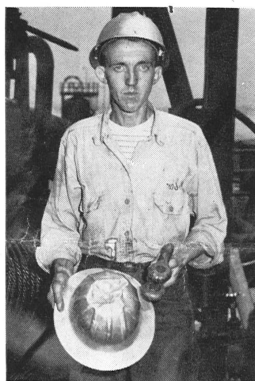
DRIVE SAFELY  
OVER LABOR DAY

## Fractures Leg When Closing Door of Railroad Car

While closing a door on a hopper-type railroad car an employee was using a 1 1/4 inch steel bar, six feet long for leverage. Suddenly the end of the bar slipped out of the slot. The employee who was pulling down on the bar with considerable effort fell and as he fell his left leg folded under him. He sustained fractures of both bones in the lower leg.

Hopper cars have been closed for many years without mishap by the method used at the time of this accident. The injured employee was thoroughly experienced in this method, having worked in coke disposal operations twenty-five years without a previous accident.

## FOUR POUND CLEVIS FALLS 30 FEET ON OPERATORS HEAD



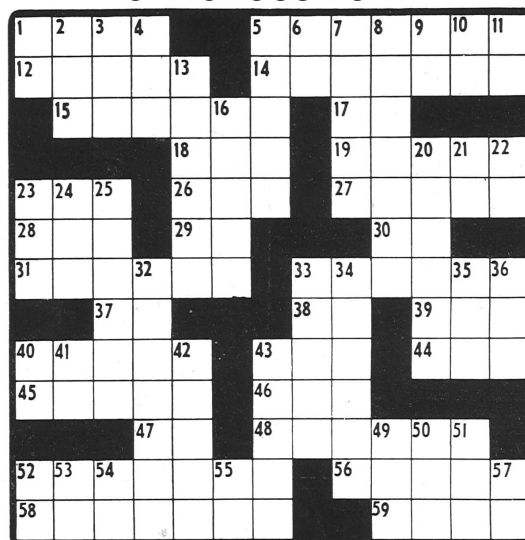
John Campo, hoist operator at Dubbs No. 17 Coker, can credit his habit of wearing a safety hat to probably saving his life. During the 12-8 shift on July 18, Campo was operating a hoist on top of B-1 Coke Chamber, while engaged in cleaning out the chamber. The vibration induced by the operation of the hoist dislodged a four-pound clevis from where it was lying on the superstructure some thirty-five feet above Campo, and it fell directly on the top of his hat. Campo was slightly dazed, and was taken to the hospital for treatment; but the injury was minor.

This accident points out the importance of wearing one's safety hat at all times while in operating units; as the location was not one that would ordinarily be associated with a danger from falling objects. It also should be pointed out that a hazard is created whenever material is left at an elevated location from which it can be easily dislodged.



C. A. Bearden - Stores Department, awards Shell pins to Eileen Starkey and Norma Dustmann both of whom completed ten years service in July.

## OIL CROSSWORD



### DOWN

1. You are engaging in this when you tell friends that petroleum is progressive (abbr.).
2. Major source of light, heat, energy, lubrication.
3. Widow of famous explorer (first name).
4. One of the four supports of an oil derrick.
5. Moving elements in an oil hydraulic pump.
6. This inert gas is used in fluorescent lighting tubes (symbol).
7. Rome was built on its banks.
8. Compound suffix denoting chemical process.
9. One of the thousands of competing units in the oil industry (abbr.).
10. Suffix meaning "belonging to."
11. The world's major oil-producing continent (abbr.).
13. Modern type of drilling rig.
16. Lily root used in perfumery and medicine.
20. Risk (in drilling wildcats, its 8-to-1).
21. Diminutive suffix.
22. Egyptian sun god.
23. Technical name for Kentucky bluegrass.
24. Published announcements.
25. An oil company becomes this when it pays rental fees on a farmer's land.
32. Plastics and lacquer solvent now made from petroleum.
33. The only sure way to find oil.
34. Harrowing experience.
35. Small child.
36. Newt.
40. Often paved with petroleum asphalt (abbr.).
41. Acidity-basicity scale used in petroleum laboratories.
42. French West African seaport and oil depot during World War II.
43. Frank Frisch's famous lament: "Oh, those ----- on balls!"
49. A hankering.
50. Character in Uncle Tom's Cabin?
51. To expose to moisture, as flax or hemp.
52. State in which Drake's well is located (abbr.).
53. Printer's measure.
54. Explorer Peary discovered it (abbr.).
55. Thee (French and Latin).
57. Behold!

### ACROSS

1. Underground oil reservoir.
5. Papal seat.
12. Vertical member in a derrick.
14. Western state where millions are being spent in search for oil.
15. Shallow pond or lake.
17. College degree.
18. "----- foil," descriptive of the common cloverleaf.
19. Important solvent now made from petroleum.
23. Buddy.
26. Areas of one hundred square meters each.
27. Lariat.
28. Type of poem.
29. Roger Williams made this state famous (abbr.).
30. Place of business of well-known wizard.
31. Analyses, as of petroleum.
33. Bestow.
37. Oil helps power this state's big textile mills (abbr.).
38. Important means of transporting oil (abbr.).
39. During last war American oil helped fuel this famous air-fleet.
40. Typical of American oil-driven transportation.
43. Competitive offer, as by an oil company to lease oil land.
44. Best-known of many petroleum-derived insecticides.
45. Greek letter meaning TH.
46. Poets describe this beverage as "nutbrown."
47. What Betty Grable's gams are.
48. "The Deer -----", by James Fenimore Cooper.
52. Feathered.
56. Device used by oil surveyors.
58. Electrical units.
59. We supply oil to these nations.



## Eye Opener!

When you see this sign, drive slowly... be alert for a child who may be careless. Remember, he's on his way up in the world... and an accident can mean a tragic detour.

Drive carefully—the child you save may be your own!

DRIVE CAREFULLY—the child you save may be your own.

## S.R.A. CALENDAR FOR SEPTEMBER

- September 2—Wednesday Bowling League begins 6:45 P. M. Bowl Inn.
- September 3—Ladies' Bowling League begins 6:45 P. M. Bowl Inn.
- September 4—Second meeting of Friday Bowling League.
- Monday Nights—Duplicate Bridge Sessions — Cafeteria 7:45 P. M.
- September 22—Shell Camera Club—Training Building — 7:30 P. M.
- Set aside one evening in September toward work on the Kendall Hill Shelter House! Watch the S.R.A. bulletin board for details.



# SPORTS AND RECREATION

## KIDS' SOFTBALL SEASON ENDS

### Industrial Softball

Shell's team won the first half with a win-loss record of 6-1, and had a record of 6 wins and 2 losses in the second half.

The winner of the second half has not been determined but will be either Western or Sinclair who will then meet Shell in a two out of three playoff for the league championship.

A box score of Shell's last league game is as follows:

Shell (8)				
Player	AB	R	H	
Turley, 3b	1	1	0	
Price, cf	3	1	0	
Cunningham, c	4	0	1	
Davenport, lf	2	1	0	
Zumwalt, 1b	4	2	2	
Taul, ss	3	1	0	
Booher, rf	3	1	1	
Scroggins, 2b	4	1	3	
Niepert, p	3	0	1	
Totals	28	8	8	

Onized No. 2 (3)				
Player	AB	R	H	
Meisenheimer lf	2	0	0	
Cook, ss	3	0	0	
Maroni, 3b	3	1	1	
Hosford, c	3	2	2	
Williamson	2	0	1	
Front, cf	3	0	0	
Rexford, p	3	0	1	
Rainey, 2b	3	0	1	
Allsman, rf	2	0	0	
Totals	24	3	6	

Innings:	1	2	3	4	5	6	R	H	E
Shell	0	1	0	0	5	2	8	0	
Onized No. 2	0	1	0	2	0	0	3	6	0

Ralph Niepert has the distinction of being eligible to play in both Industrial and Not-So-Good leagues, and has pitched both teams to several victories.

### PLANT BOWLING

Bowling season will start on Friday, August 28, at Bowl Inn with the following teams:

#### Super Shell

1. Research Pilots
2. Research Relics
3. Control Lab.
4. Fire & Safety
5. Research Ramblers
6. Gas Plants
7. Instrument Dept.
8. Distilling

#### Golden Shell

1. Boiler House
2. Supervisors
3. Engineers
4. Machinists
5. Engr. Mixups
6. N. Property Engrs.
7. Brickmasons
8. Research Rollaways

The Wednesday league will begin September 2 at 6:45 P. M. at Bowl Inn with the following teams:

#### Premium Shell

1. Elect. & Mach.
2. Engr. Insp. No. 1
3. Cokers
4. Gas Dept. No. 1
5. Reformers
6. Disp. Gaugers
7. Cracker Box
8. Lube Vac.

#### X-100

1. Engr. Insp. No. 2
2. Welders
3. New Rack
4. Disp. Office
5. Cat. Crackers
6. Tech. Dept.
7. Whiz Kids
8. Plant Tech.

The Ladies' league begins Thursday, September 3rd at Bowl Inn.

The ladies are in need of a number of substitutes for their teams. Any woman bowler interested in bowling part time should contact Bonnie Long on plant phone 542.

### PLANT TENNIS

The plant tennis league is in the final stages of play. "Red" Kleinhenz and Tom Laity are meeting in the finals of the winners bracket. Final results will be available for the next issue of Shell Review.



### Not-So-Good Softball

Shell Not-So-Gooders concluded their regular season with a record of 9 wins, 2 losses for the league title.

The box score of the latest game is as follows:

Onized (4)				
Player	AB	R	H	
Paul, p-3b	4	1	0	
Nassello, c	4	1	2	
Trauts, 3b-cf	4	0	2	
Tovo, lf	3	0	1	
Lamanski, lb	4	0	0	
Kasten, ss	2	0	0	
Stotter, 2b	3	0	0	
Finn, rf	3	1	1	
Deem, rss	3	1	2	
Fensterman, p-cf	3	0	0	
Totals	33	4	8	

Shell (8)				
Player	AB	R	H	
Pile, rf	3	0	0	
Walters, ss	3	1	0	
Morris, lb-cf	3	0	1	
Stringer, lb	3	0	1	
Romani, 3b	3	1	1	
Lengacher, c	3	2	1	
Bensman, lf	2	1	0	
Dana, 2b	2	1	1	
Green, rss	2	1	0	
Niepert, p	2	1	2	
Tucker, rf	0	0	0	
Kitson, cf	0	0	0	
Grove, 2b	1	0	1	
Totals	27	8	8	

Innings:	1	2	3	4	5	6	7	8	R	H	E
Onized No. 1	1	3	0	0	0	0	0	0	4	8	3
Shell	1	2	0	4	1	0	*	8	8	4	

The only losses suffered by Shell during the season were to Onized No. 1 and Onized No. 2.

### Industrial Baseball

The Shell baseball team concluded its season in the Industrial league with a record of two wins, 5 losses and one tie. Season scores were as follows:

Shell 3 — Streepers 10
Shell 11 — Westerner 1
Shell 2 — Onized 2
Shell 0 — Streepers 4
Shell 5 — Westerner 10
Shell lost on forfeit to Streepers.
Shell 6 — Onized 7
Shell 8 — Westerner 2

In the game that Shell lost to Streepers on a forfeit, Shell picked up a player and won a practice game from the league leading Streepers 6 to 5.

### Plant Softball

For the fourth year in a row Dispatching sewed up the plant softball league championship - this time with a 11 win and 4 loss record. Research held down second place with 10 and 5; Treasury picked up third with 9 and 6; and the Pipefitters team held fourth place with a 8-7 record.

Final standings were:

	W	L
Dispatching	11	4
Research	10	5
Treasury	9	6
Pipefitters	8	7
Engr. Office	4	11
Tech. Dept.	3	12

The Dispatching team will receive a team trophy at the annual S.R.A. winners banquet.

The top four teams will meet in a postseason tournament with the members of the winning team receiving individual trophies from the S.R.A.

Dispatching plays Treasury, Research plays Pipefitters and the winners will play a two out of three series.

### PLANT GOLF

The regular season in the plant golf league ended with some rather spectacular scores as the Engineering Office team picked up 66 out of 80 points in their final match to overtake both Alkylation and Lv e Department teams and to win the championship by four points. Final standings were as follows:

Team	Points
Engr. Office	592
Alkylation	588
Lube Dept.	582
Research No. 1	573
Main Office	523
Fire & Safety	521
Cracking	518
Research No. 3	509
Instrument	496
Construction	494
Research No. 2	465
Dispatching	425
Light Oil Treating	418
Expr. Lab - Gas	386

### KID'S SOFTBALL

#### FINAL STANDINGS

Team	W	L
Lips	9	0
Rams	4	5
Colts	3	6
Panthers	1	8



A goodly crowd of spectators gathered as the Kid's Softball League wound up the season's activities on Friday evening, August 7. It was a final game between the Lions (winners of the league, upper left) and the All Stars, (above) a team made up of the best players of the three remaining teams. Through an oversight the score was discovered to have actually been a tie. Another game was played on Friday, August 21 from which the All Stars emerged victorious by a score of 11 to 6. Jerry Branham (right-with cap), co-manager of the league, was assisted by Clint Phalen who made announcements on the P. A. System.



### Wins Distinguished Rifleman Medal

E. M. Black, Jr., son of E. M. Black of the Dispatching Office, was recently awarded the Distinguished Rifleman Medal. This is the highest award in the country made for junior competition. Young Black, 18, is a member of the Piasa Junior Rifle Club, and has been shooting for about three and a half years. During that time he progressed steadily through fourteen qualifying ratings before joining the ranks of the country's top notch junior shooters.

The man who does not need a boss, usually is the man who is selected to be one.

### Plant League Game

#### Results in Strange Record

In the plant league game between the Engineering Office and Technological at Kendal Hill on Tuesday, August 18, an unusual record was made by one of the players on the Engineering team. Roy Rambo, in two appearances at the plate, made five outs. With the bases loaded he hit the ball to first base and into a triple play, and later his again into a double play. In spite of these contributions to the opposing team by Ramblin Roy "The Whip" Rambo, the Engineering Office defeated Tech, by a score of 15 to 7.

### VACATION TRIP



### CANADIAN CAM

Walter Ogg, Mike Scheer, Don Koester and Jerry Branham, all of the Engineering Office, recently returned from Canada and a super deluxe fishing trip. Their headquarters was a lodge about 80 miles east of Kenora, Ontario. This was the first trip to the wilds of Canada for Ogg and Koester.