

THE SHELL REVIEW

VOLUME 18 — NUMBER 8

WOOD RIVER, ILLINOIS

AUGUST, 1955

Fishing Contest Extended

Due to the warm weather, the SRA-sponsored "Whopper Club" Fishing Contest, originally scheduled to end September 30, has been extended until November 1, it was announced this month by Al Doerr, contest chairman. Bass and Crappie have not been striking well for the past several weeks, but the Fall weather should bring them around, Doerr added.

W. R. Hester of the Stores Department is leading the Bass division with a prize catch weighing five pounds, one ounce. O. W. Bardelmeier is running a close second with a catch of four pounds nine ounces. John Martin of Fire and Safety is leading the Crappie parade with a fish weighing one pound, four-and-one-half ounces, and M. A. Sullivan is holding down second with a 15 ounce Crappie.

More Entries Expected

The extension of the contest is expected to greatly increase the number of entries in the contest. With two months of good fishing weather anticipated during September and October, several of the refinery's anglers should come in with heavy catches.

Fishermen are urged to become familiar with the contest rules and regulations, which have been distributed throughout the plant. A copy of the rules is also available at the cafeteria near the freezer in which the fish are kept.

Catch Fish Locally

Most of the fish must necessarily be caught in nearby lakes and streams, due to a three-hour limit which the rules state. That is, a fish must be entered three hours after it is caught. All fish are weighed by a waitress in the cafeteria, and are judged by Doerr, Al Patton, and Baumeister, official judges for the contest.

Help Still Needed!

Windows are Now Being Installed on Kendall Hill Shelter

Aluminum-framed windows are now being installed on the Kendall Hill shelter, it was announced this month. The installation should be completed within the next few weeks, and the shelter will be available for use.

The Shell Recreation Association welcomes volunteer help in conjunction with the shelter. In addition to the windows, some painting will be necessary during September. Anyone wishing to assist on the shelter should contact J. O. Harris, SRA chairman, at the Main Gate, or call Public Relations, Ext. 463.

Six new tables have this month been added to the picnic grounds, bringing the total to 22 now available for picnic use.

Dolls and Motors



The Shell Recreation Association is giving two outboard motors as prizes in the Fishing Contest now in progress. Personnel and Industrial Relations stenos Jan Marsh, left, and Joan Rinkel help display the first-place prizes. At left is a 3 H. P. outboard, first-place in the Crappie division, and at right is a 5 1/2 H. P., the first-place gift in the Bass division. (The SRA wishes to announce that Jan and Joan do not go along with the motors.)

All Movements Completed by October 1

New Main Office Addition Is Now Being Occupied

Occupancy of the new Main Office addition began this month, with most of the proposed Treasury movements having been completed on the third floor of the new building. By October 1, it is expected that all of the movements into the new wing will have been completed.

During the first week in August, the Payroll, Stock Accounting, General Accounting, and other Treasury sections were moved into their new quarters, which occupy the third floor. Shipping and Tabulating will occupy most of the space formerly occupied by the other Treasury sections which are now in the new building.

Management on Second Floor
Management offices, including Refinery Manager, Administrative and Operations Superintendents, Assistant Superintendents, and others will occupy the second floor of the new addition. The Technological Department will take over the offices formerly housing management people. A library will also occupy part of the old quarters on second floor.

The Engineering Department will occupy the entire first floor of the Main Office, both new and existing structures. Engineering Design will have drafting rooms on the north side of the new section, and offices will be located on the south side. Estimating,

equipment sections, blueprint room, and related Engineering offices will be housed in the existing structure.

Ground Floor Stenographic

On the ground floor of the new addition, Stenographic, Duplicating, Mailing and Filing, and Engineering offices will be housed. The existing section of the ground floor will be made up of storage space, a lounge, and air conditioning and heating facilities.

Keep the
Safety Record
Going!

Million-Dollar Water Project Slated Soon

Shell will spend approximately \$1,000,000 to finance a project to purify Wood River Refinery's waste waters into the Mississippi River, it was announced this month by Refinery Manager H. D. Dale. Construction of the water treating facilities are expected to be completed in about a year.

"This project is part of a nationwide program by Shell to fulfill its public responsibility in eliminating stream and air pollution," Dale said.

Extensive Studies Made

The project culminates an extensive study made by Shell on the best possible methods for preventing stream pollution. Continuous efforts have been made by the Company in the past to minimize any undesirable materials in refinery waste waters entering the river.

Dale further stated that the treating facilities will occupy several acres of refinery property northwest of the Research Laboratory. Waste waters from processing units will be collected in a master separator box where oil and solids are removed. Automatic treatment will be provided at this point to insure release of only neutralized water.

Remove Impurities

The next step will involve oxidation and removal of chemical impurities which might otherwise create an undesirable odor in the refinery wastes. This process will be followed by an additional separator box and large retention pond to remove any remaining oil or solid particles. The final step of treatment will employ a huge biological trickle filter for removal of chemicals which might give an unpleasant taste to water. A mixture of the treated refinery waters with river water will be completely satisfactory for aquatic life and recreational purposes.

Dale pointed out that this major improvement follows closely on a noise reduction project recently initiated on Wood River Refinery's Catalytic Cracking Units.

Refinery Could be Headed Toward a Fine Safety Record

If personnel can continue working until September 9 without suffering a lost-time accident, Wood River Refinery will have another million man-hour safety record to its credit. As of August 19, the plant had gone 29 days, or 583,306 man-hours without suffering a disabling injury.

During 1955, the refinery has had 18 lost-time accidents, or two more than were suffered during 1954 as of September 1. However, a Safety Department spokesman said this month that a 1,500,000 man-hour record would probably enable the plant to better last year's mark.

Throughout 1954, there were 22 lost-time accidents suffered, or four more than have been recorded this year. Wood River's mark last year was one of the outstanding safety accomplishments in the entire oil industry.

The all-time refinery safety record was established in 1947, when the plant went 164 days—3,476,721 man-hours—without a disabling injury. Last year, the top mark was 1,578,610 man-hours, which included 73 days during which time no lost-time accidents were incurred.

H. E. Garner Is Appointed Chief Accountant Here

H. E. (Ed) Garner of the Head Office Auditing Department has been named Chief Accountant at Wood River to succeed R. M. Horrocks, it was announced this month by Refinery Manager H. D. Dale. Garner arrived here August 15 and will assume his new position September 1.

Horrocks is scheduled to assume his position as Treasury Manager at Shell Oil of Canada's Shellburn Refinery on October 1.

Garner joined Shell in 1947 at Houston Refinery. In 1952, he was transferred to the Houston Production Area, and in 1953 returned to the refinery as supervisor of general accounting. Garner was transferred to New York on the Auditing Staff in 1954.

He is a graduate of the University of Texas, where he received a B. B. A. Degree. He received a Master's Degree in Business Administration from the University of Houston while he was employed by Shell. During World War II, Garner was with the Air Force, attaining the rank of First Lieutenant.

D. C. Lehwalder New Assistant Lube Manager

D. C. Lehwalder, currently Assistant Distilling Manager at Houston Refinery, has been appointed Assistant Manager of the Lubricating Oils Department here, it was announced this month by H. D. Dale, Refinery Manager. Lehwalder is scheduled to arrive here September 1.

The Lube Department will have two Assistant Managers. T. F. Leeds was transferred to the department in July as Assistant Manager, succeeding W. E. Hopkins.

Lehwalder joined Shell at Emeryville in 1942. He was transferred to Houston Refinery in 1952, where he worked in the Technological and Lubricating Oils Departments. He was promoted to Assistant Manager of Distilling at Houston in May of this year.

A graduate of Montana State College, Lehwalder holds a B. S. Degree in Chemistry.

Shell Club Sponsors September Fish Fry

It was announced this month that the Shell Club's September meeting will be a stag fish fry affair to be held at the VFW Hall in Edwardsville on September 16 at 6:30 p.m.

According to J. T. Loftis, president of the organization, the club rooms of the hall have been made available to the Shell group. Invitations to the fish fry will be sent out the first week in September, Loftis added.

Time To Talk Schools

How'd you like to be in on a presidential conference? The kind where important far-reaching discussions are held which set the stage for the kind of America we'll have tomorrow?

You can call your own presidential conference today and while the nation's chief executive will not be able to be with you in person, you'll be taking part in a series of conferences on the very topic he has chosen for wide discussion during 1955—Education.

Look at these facts:

Today the largest enrollment in our public school's history is squeezing into overcrowded, understaffed schools. We're short 124,480 qualified elementary teachers and 370,000 classrooms. On top of this, the next ten years will bring twelve million more children to the schools, straining the facilities further.

Do these facts startle you? They do President Eisenhower. So much so that he has called on each Governor to hold a state-wide conference on education and on November 28-December 1, the White House Conference on Education will look at the problem from the national angle.

This means that the states and the federal government will be trying to find out how they can help the schools. But the schools are local property and the real decisions must be made on the levels at which they are owned and operated—the community level.

That's why thousands of communities are joining President Eisenhower in calling conferences on education. The National Citizens Commission for the Public Schools, a non-profit organization which has long urged communities to wake up to their schools' dilemma, has joined hands with the National School Boards Association to promote a conference on education in every community. The Commission's address is 2 West 45th Street, New York 36, N. Y., and it has free information on conferences on all three levels.

A conference on education in every community would be a big step toward the Better Schools we must provide for today's and tomorrow's school children.

And there's no time like the present to sit down and talk schools.

Wiley Stars in Four-Hit Job

Kids' All-Stars Are Just Too Much for Lions, 14-4

An All-Star Kids' Softball team, made up of outstanding players from three kids teams, trampled over the league champion Lions, 14-4, August 12 to wind up the summer softball program at Kendall Hill. Howell, Wiley, and Kleinert paced the All-Star attack, accounting for eight of the winners' 14 runs and five of their eight hits.

Wiley, in addition to slamming out two hits and scoring a like number of runs, pitched great, four-hit ball against the champion Lions. Howell had three hits in four trips to the plate and scored two runs, and Kleinert scored four runs, although he didn't get credit for a base hit.

The All-Stars, managed by Boverie, Tarcea, and Hendrick, got off to a two-run lead in the first inning, and eventually scored in every frame excepting the fifth. The Lions put together two hits in the second inning for a single run, and they added two in the fourth and another in the sixth.

Once again, the Kids' Softball program, managed by Jerry Branhman, was termed a great success.

Sixty-six boys participated in the activity, and approximately 55 adults volunteered their help as manager, umpires, and officials.

The kids were given an added treat August 16 when they saw a free baseball game at Busch Stadium. Several adults volunteered their cars for transportation to St. Louis as the group saw the Cardinals whip the Milwaukee Braves, 3-2.

Enough oil-based polyethylene piping was produced in this country last year to girdle the earth at the equator. What's more, a fancy bow knot could have been tied with the 8,000-mile section left

Shell Premium Has Highest Octane In Shell's History

Shell Premium Gasoline with TCP* now has the highest octane number in Shell's history and twice as much TCP as when the new gasoline was placed on the market in 1953.

Both the higher octane number and the increased amount of TCP are provided to meet the growing needs of modern high-compression engines. These engines must have a high-octane gasoline for knock-free performance. But raising the octane number does not solve all the problems of high-compression engines.

Modifies Engine Deposits

One of the major problems in these new engines is the gradual development of deposits in the combustion chamber, which causes loss of power. TCP, the Shell-developed additive, modifies the deposits, so that pre-firing and spark-plug fouling—major causes of loss of power—are controlled.

Shell now has doubled the amount of TCP in Shell Premium to counteract the problems raised by the increase in the compression ratio of modern engines.

A Balanced Gasoline

Besides high octane and TCP, Shell Premium has those qualities needed to give a gasoline balance. It is blended from a combination of gasoline stocks to give: instant starting, fast warm-up, rapid acceleration, full power, full mileage, freedom from vapor lock and minimum crank-case dilution. In addition, Shell Premium with TCP is adjusted for the climate in which it will be used; it is clean-burning and extremely stable with a minimum of gum-forming tendencies. *Trade-Mark Shell Oil Company.

Mayor's Son

Edward Moorman Wins Scholarship To Yale University

Edward Moorman, son of George L. Moorman of the Engineering Department, will enter Yale University at New Haven, Connecticut, September 15 on a scholarship he was awarded this past summer. The son of the Edwardsville mayor won the scholarship as a result of scholastic standing in his graduating class as well as his character and leadership qualities.

Edward, who graduated from Edwardsville high school this past June, attained one of the highest scholastic records in the history of the institution. He was also president of the Hi-Y, the Teen Age Craft Company, and had leading roles in both the junior and senior class plays.

He has also presented humorous monologues before many clubs in the Edwardsville area.

Efficient Oil Handling Eliminates Much Waste

Being a liquid and highly volatile, oil is always attempting to escape, either as a liquid or gas. In being moved from oil wells to consumers, oil usually travels thousands of miles.

Elimination of waste calls for careful teamwork among all involved in the transportation, storage, and handling of crude oil and its products.

Introducing—

Miss Martha Ray Cannon



MISS MARTHA RAY CANNON, a Shell girl since June, is our girl-of-the-month for August. Martha didn't quite "get with" the back-to-school pose, but agreed to posing with a book in hand. Martha is a clerk-typist in the Shipping Section, and says she loves working for Shell. She is the daughter of Mrs. Ray Atchley of East Alton. Born in Arkansas, Martha numbers her hobbies: 1. Collecting anything and everything, especially men. (That's what she said) 2. Music. She enjoys all sports, and says her secret ambition is to someday become Supervisor of Shipping.

Who'll Win? It's Anybody's Guess!

Plant Golfers Swarm Courses For Annual 4-Flight Tourney

Eighty-three Shell golfers this month entered competition in quest of trophies in four divisions of the Annual Refinery Golf Tournament. The big tourney, which got underway August 8, is expected to wind up about October 1.

The tournament has been divided into four flights, Championship, A, B, and C flights. Eight men will be vying for the Championship Flight trophy, and the A, B, and C Flights have respective numbers of 15, 32, and 28 golfers.

Harold Hanbaum, 1954 Championship Flight winner, and Carl Colborn, who this year won the Alton Municipal Championship, are expected to fight it out for the title in this division. Colborn meets H. Miller in his first match in the upper bracket, and Hanbaum opposes C. Mellor in his initial outing in the lower bracket. Other Championship Flight aces include G. C. Cunningham, Al Patton, G. Turton, and R. E. Edwards.

"A" Flight is Tough

It's a real toss-up in the "A" Flight, with 15 good golfers swinging away for the crown. This flight is made up of men with handicaps ranging from 3 to 6. Included are Bowen, Springer, Mosser, Sample, Waugh, Kingery, Purdy, Mygatt, Archibald, Dave Patton, Williams, Brokaw, Beason, Lewis, and Rose. From past results, it seems any one of these men is capable of upsetting the other on a good day.

The "B" Flight has the largest number of participants with 32 men entered. Handicaps in this flight range from 7 to 11. Walt Kress, last year's champ in this

division, will be out to repeat his feat of 1954, when he kayoed L. Dye in the championship round.

"C" Flight is Toss-Up

In the "C" Flight, it is really a toss-up, with handicaps ranging from 12 to 20. Hugh Guthrie, who copped this title last year, is now entered in the "B" Flight, a notch higher. So it's anybody's guess just who will finally triumph in this area of fairway operations.

All of the matches are played on the basis of 9 holes, with the exception of the championship matches in each division, which will consist of 18 hole matches. Matches are arranged between participants, with no scheduled time established for competitive play.

Report Injuries

Preventing injury to yourself is your first concern. But if an accident does occur and you suffer even the smallest injury, your aim should be to prevent it from developing into a serious disability. Left unattended, a minor injury can result in loss of health and well-being, loss of time from the job and eventually loss of income. All injuries, no matter how minor they may be, should be reported when they occur.



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JIM KAHMANN

Editor

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Retired employees present for the annual picture taken at the 1955 Barbecue are, left to right, First row: R. S. Howard, W. M. Seymour, G. C. Rieken, Otto Owens, W. I. Shattuck, F. J. Schinagle, and W. E. Lane. Second row: F. E. Babbs, C. Wolf, J. A. Ryan, A. Higgins, W. D. Wall, H. C. Vincent, J. S. Wright, W. G. Otte, Leo Eller,

W. Nowaski. Third row: C. C. Neunaber, A. M. Colyar, F. A. Dettmer, V. E. Sturgeon, John Conroy, D. L. Cummings, W. F. Gillespie, William Kreider, E. J. Jahn, J. W. Madosh, P. M. Harnett, C. E. Davison. Fourth row: B. E. Beard, John Krieder, G. C. Almon, Frank Schmid, C. E. Pick-

er, D. M. Fitzgerald, E. N. Miller, G. W. Crockett, A. B. Hoppe, J. J. Grossheim, W. L. Schnert, W. Lindner, C. H. Murphy, E. Schabert, P. E. Johnston, E. Gilbert, J. E. McMichael. Fifth row: H. L. Smith, J. J. Sainteve, A. M. Barnwell, J. R. Shenton, Roy Hunter, William Reed, R. E. Bretzman, G.

M. Kendal, J. G. Luebke, G. W. Norder, F. O. Lorts, Newton Mal-lory, J. Moran, G. C. Mueller, B. H. Joslen. Sixth row: E. M. Levi, W. F. Allen, O. W. Kirkpatrick, C. Dilling, E. P. Franke, J. R. Ewers, R. M. Fields, M. B. Gibbons, Curtis Kennedy, J. H. Markham, H. E. Harvick, E. Feldman, W. H. Lu-

man, S. Aldredge. Seventh row: R. E. Kennedy, H. E. Thompson, A. J. Gurley, S. J. Tipword, J. A. Van Hemelen, C. E. Mabb, E. H. Williams, A. E. Etzkorn, J. H. Miller, L. C. Wood, H. G. Wutzler, E. Wahlen, H. E. Slingerland, J. G. Griggs, V. Ford, C. R. Stauffer, T. Summers, W. T. Lewis, J. E. J. Patterson, and G. G. Welch.

Chow Time



Seven Service Club members gather in line for free Barbecue at the concession stand. In addition to consuming approximately 115 gallons of barbecue (including sauce) Service Club members also polished off 105 pounds of ham, and 100 pounds of wieners. Add to this celery, radishes, potato chips, lettuce, olives, and buns and you have an idea of the capacity of the Barbecue crowd.

Barbecue—1955 Version—Is Appreciated by Large Crowd

The Shell Service Club Barbecue, held July 23 this year at Edwardsville's American Legion Park, attracted some 1100 Shell employees and retired men. Needless to add, these men had themselves quite a time, busily greeting old acquaintances, enjoying the day's attractive menu, and taking part in the many recreational activities of the day.

The barbecue ball started rolling promptly at 10 a.m. Saturday morning, although there were a few early risers who arrived before even the most enthusiastic of Service Club officers. By noon, almost 75 per cent of the crowd had arrived, and from then on until 10 p.m., it was a real picnic.

30 Attendance Prizes

Thirty attendance prizes were awarded throughout the day — or one every 20 minutes. The prizes consisted of portable hunting and fishing spotlights, various household appliances, and Shell Service Club automatic pencil sets.

Also on hand were two orchestras, which played throughout the day. The music-makers featured both popular and "hillbilly" music, and were busy answering requests from the many music-lovers in the crowd. And, of course, there were the usual large numbers of card games being held in the pavilion.

Crowd Enjoys Food

The tasty barbecue and other refreshments were highly praised by all in attendance, and the amount of food consumed is evidence of the appreciation of the crowd.

Most of the Service Club members are in complete agreement with the oft-used jingle, "The Barbecue comes but once a year, but when it comes, you know it's here!"

Careful with Kids

There are four precautions that should always be taken when children are riding in your car, advises the Institute For Safer Living. Be sure that children's feet and hands are in the clear when closing car door. Avoid "falling out" accidents by locking car doors. See that children stay safely seated at all times when the car is in motion. Take measures to see that children do not put head or arms out of open windows.



The head chef and his helper spent a busy day at the Barbecue. It was up to them to keep the hungry crowd supplied with food throughout the day. The kitchen crew was kept busy from 10 a.m. until 10 p.m. and the crowd appreciated the fruits of their labors.

Planning for Retirement Encourages Thinking

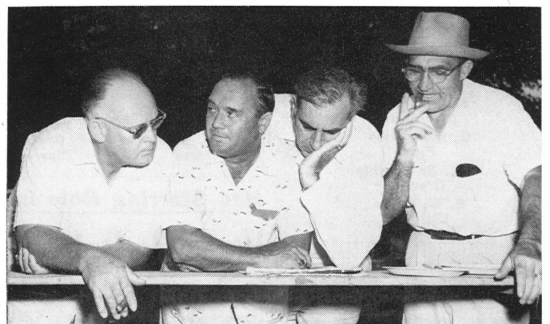
Success in any endeavor requires planning. Achieving a successful retirement is no exception. Most people want in retirement what they have always wanted—financial security, health, a suitable place to live, and something satisfying to do.

The Shell retirement program helps to provide you with financial security against day-to-day retirement needs. But you are the one who must look after your own health, select your own residence, and choose a retirement activity. Shell's Planning for Retirement Program is designed to furnish you with information on some of the questions about retirement, to stimulate your thinking on the subject and to encourage you to make plans to suit your own needs.

Officer (to couple in parked auto)—Don't you see that sign, "Fine for parking?"

Driver—Yes, Officer, I see it and heartily agree with it.

Swaps by a Nose



At any large gathering, the bangtail followers always gather to group their opinions. Left to right E. C. Waltrip, P. L. Cotton, J. Reid, Jr., and J. H. Laux check a recent pony paper. Judging from the expressions of this quartet, this was not idle chatter — these boys look like they mean business!



Endorsing Your Paychecks

A check that has been signed on the back, without reservations, by the person to whom it is payable can be cashed by anyone. That's the reason why it is wise not to endorse your paycheck until you are at the bank or other location where you cash it—unless you endorse it after noting "For deposit in your bank's name only."

Almost every payday some Shell people lose their paychecks, and some of the lost checks have been endorsed without reservations. Usually the loss is discovered in time to have payment stopped. But even so, it is possible to lose one's pay if an unscrupulous person finds the endorsed check and cashes it quickly; the bank, store, or anyone cashing an endorsed check, in good faith, is not responsible for it—unless the initial endorsement was forged.

To avoid this problem: Wait until you are at the bank or other location where you cash your check before endorsing it; or endorse it specifically for deposit in your bank account.



Ouch!



Hugh Head, a Shell employee for 16 years, tries his luck at winning a free cigar on the high-striker. Head is a member of the Labor Department here at the refinery. The high-striker seemed to be one of the more popular activities of the day at the Barbecue this year.

Shell Crews are Modern Day Vigilantes . . .

Fire Training: A Constant Vigilance Program

FOUR REALISTIC fire drills were held this month in North Property, with drill duties involving extinguishing a simulated fire of tank A-37. The fire-fighting activities involved seven active fire crews, under the supervision of Fire Chief W. C. Bluhm and Assistant Chief William Reydon.

Safety inspectors B. C. Cole, M. M. Hubbs, and E. H. Anderson co-ordinated the drills.

Actual Fire Situation

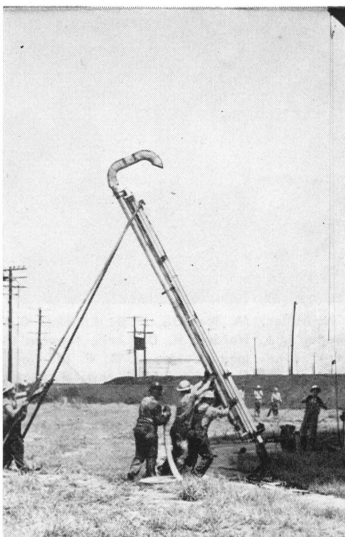
The drills were set up in such a manner as to depict an actual fire situation. The only exception was restraint of the fire whistle. But the same efficient, lively activity took place behind the scenes in a practical demonstration of preparedness.

Chief purpose of the drills was to re-acquaint the refinery fire crews with the importance of proper supervision of fire-fighting programs, as well as to give them added experience in the performance of their duties.

When a fire is reported, calls are taken concurrently at the Garage and Boiler House. The respective fire crews go into action immediately, with crews reporting to respective stations. In a few minutes, the crews and fire-fighting equipment are on the scene.

Used Various Equipment

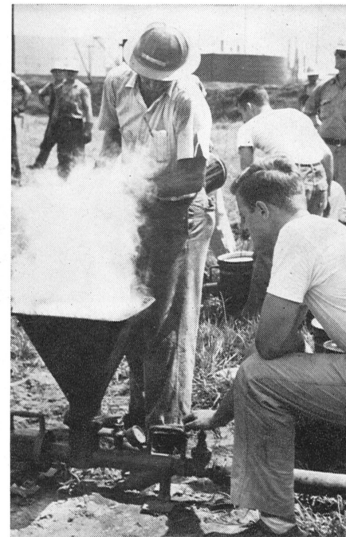
In extinguishing the simulated fire at A-37, the crews used mechanical foam towers, booster pump, and chemical foam towers supplied from foam generators, in addition to hoses operating under regular water pressure. Members of the crew did not know what their particular duties would be in ad-



The mechanical foam tower, used to extinguish tank fires, is here being lofted by a six-man fire crew. On one of the fire drills, a crew raised this apparatus in nine minutes. Average time is about 10 minutes.



A new addition to the refinery's fire-fighting equipment is the Hale booster pump, which is able to force water over the highest tower in the plant. This pump can boost regular refinery water pressure to reach high elevation. It is used in conjunction with a portable turret nozzle.



Here a crew is operating chemical foam generators, which operate in pairs. A powder is mixed with water to form the solution. All fire crews are trained in the operation of this method of extinguishing a fire.



vance of the operation. When they reached the scene, the coordinators delegated respective jobs to them. Crews included truck drivers, hose men, hydrant men, nozzle men, operators of mechanical foam equipment, booster pump operators, and tower crew mem-

bers.

The Fire and Safety Department was well-pleased with the results of the drill, and particularly impressed with the spontaneous cooperation on the part of all personnel concerned.

Receive Practical Training

Wood River's fire crews are

well-trained in the performance of fire-fighting duties. Normally, fire-fighting crews are made up of men on rotating schedules, and they are trained regularly while on the day shift. This training, supervised by a safety inspector, acquaints the men with all phases of fire-

fighting duties. In this manner, a competent crew is always available, and always ready to adapt itself to a fire situation.

These crews are actually modern-day Vigilantes — men who are part of a round-the-clock vigilance program for capable protection against fire.

August Service Anniversaries



35 YEARS
H. D. Chappell
Effluent Control



30 YEARS
M. A. Keilbach
Machinist



30 YEARS
D. A. Lemon
Stores



30 YEARS
O. H. Oglesby
Control Lab.



30 YEARS
R. W. Puetz
Machinist



30 YEARS
J. R. Roberts
Lt. Oil Treating



25 YEARS
G. D. Allen
Pipe



25 YEARS
Ed Snajdr
Control Lab.

15 Years

S. G. Droege
Machinist
J. R. Groom
Cracking
T. H. Jones
Cracking
W. M. Major
Machinist
G. Margherio
Pipe
A. L. Sharleville
Cranes
E. W. Suhre
Utilities



20 YEARS
C. W. Deitz
Stores



20 YEARS
L. F. Graham
Pipe



20 YEARS
N. L. Pyle
Compounding



20 YEARS
A. P. Racak
Pipe



20 YEARS
J. G. Woolridge
Compounding



Retired
L. J. Brietweiser
Utilities

10 Years

E. A. Carter
Dispatching
K. L. Dean
Dispatching
A. E. Doerr
Control Lab.
E. Gilbert, Jr.
Lube
L. Kunz
Control Lab
R. W. Lange
Gas
C. E. Lewis
Automotive
M. G. March
Control Lab.
H. F. May
Fire & Safety
W. A. Murphy
Control Lab.
H. P. Turley
Control Lab.
F. H. Vozak
Control Lab.
J. L. Waters
Control Lab.

Has Starring Role in Film, 'Moby Dick'

Versatile Petroleum Now Used in Motion Pictures

When the blood streams from the harpoon wounds in Moby Dick's side, only an oil well need weep, for an oil well is the mother of the great white whale in the forthcoming film, "Moby Dick," starring Gregory Peck.

The realistic monster was built in three parts—head, midsection, and tail—so that the whale's movements could be made to look authentic. The "skin" was made of an oil-based mica-like plastic, coated with white latex. Under the skin of the midsection, a sponge-

rubber-like material was installed, porous enough so that a plunging harpoon would cause "blood" (aniline dye mixed with an oily chemical) to seep through it.

Prop construction is one of the many parts petroleum plays in the entertainment world.

A desirable feature is the capacity of asphalt to absorb heat from even a Winter sun. This speeds the melting of ice and snow, providing added safety during Winter months. Petroleum asphalt can provide a surface that is economical to guild an dmaintain whether the traffic heavy or light.

Detroit Division Gets New Terminal At Niles, Michigan

A new Shell terminal in the Detroit Marketing Division is scheduled to go into operation late this year at Niles, Michigan, adding to the Company's facilities on the Wolverine Pipe Line which serves a growing petroleum products market in the Great Lakes area.

Four Storage Tanks

The Niles terminal will have four major storage tanks and a total capacity of 137,000 barrels, a building for offices and utilities, a four-spot truck loading rack, and tank-car loading facilities.

Shell, Cities Service Oil Company, and the Texas Company formed the Wolverine Pipe Line Company to build the 16-inch common carrier pipe line which began delivering products late in 1953. Shell designed the line, supervised its construction and is operating it under an agency agreement.

From Hammond to Detroit

The line runs 295 miles from Hammond, Indiana, to Detroit, Michigan, and Toledo, Ohio. It is ultimately capable of delivering a total of about 160,000 barrels of petroleum products a day to terminals at Niles, Jackson, and Detroit in Michigan, and Toledo.

Shell's will be the third terminal at Niles; Cities Service Oil Company and the Texas Company built their own terminals there earlier. The Shell terminal will mainly serve the South Bend-Elkhart area of Indiana, with fuel oils and gasolines. This will make operations more efficient by cutting the amount of trucking previously necessary to serve the region.

DID YOU KNOW?



Between 50 and 75 per cent of the current consumption of gasoline and lubricating oils is used to move traffic along America's paved roads and streets, most of which are covered with asphalt, an oil product.

* * *

Though natural gas is lighter than air, if last year's production of gas were put on the scales, it would weigh two and one-half times as much as the year's total steel production.

* * *

About 70 per cent of all the rubber used in the United States today is synthetic rubber made from crude oil or natural gas.

* * *

Indications are that at least 70,000,000 Americans will make a vacation trip of some sort by automobile this year; about four-fifths of them will be on the highways this Summer.

* * *

There will be at least 31 million new gasoline buyers in the next ten years.

* * *

The United States accounts for over 60 per cent of the world's oil consumption outside the Iron Curtain.

Shell CAP Members



Three of the six Shell men in the Bunker-Hill Shipman Civil Air Patrol Squadron, with the Squadron Commander are, left to right, E. R. Ash, Squadron Commander of the Brighton Squadron; Captain Al Hartley, Supply Officer; Major H. W. Baker, Squadron Commander, and Lieutenant John Duncan. The men are checking charts in front of a Basic Trainer 13, which is the personal plane of Major Baker. Missing when the picture was taken were squadron members Todd, Niebrand, and Hackett.

Civil Air Patrol

Men of the Civil Air Patrol are Always Alert in Emergency, Whether it be Forest Fire, Flood, or Damaged Planes, Members of the Bunker Hill-Shipman Squadron Are Part of This Great Organization.

Emergency! The call resounds quite often throughout the country, and when it is heard, thousands of public-welfare minded individuals throughout our land respond readily and quickly to the occasion.

And the response of the members of the Civil Air Patrol, perhaps more than any other, stands out as one of the most combined efforts in the country's fight against disaster. For the vigilant members of the Civil Air Patrol are constantly waging a fight—fighting for the lives of hundreds who annually meet with accident, misfortune, and disaster.

Six Shell Men Active

There are six Shell employees at Wood River Refinery who are active in the Bunker Hill CAP squadron. They are John Duncan, William Todd, Al Hartley, Bill Niebrand, Gene Ash, and Daniel Hackett. These men help form the nucleus of an organization that is rated one of the finest CAP squadrons in the country. The squadron's 50 active members are ever-alert, constantly ready to take to the air in a needy situation, whether it be forest fire, flood, plane wreckage, lost pilots, or tornadoes.

The communications set-up of the Bunker Hill squadron is also a valuable aspect of the organization's activities. The squadron maintains VHF mobile radio stations for local coverage, and operates both fixed and mobile HF stations for long distance coverage.

In addition to pilots and communications men, the CAP also employs observers, first aid specialist, instructors, and technical experts. These men combine to give the CAP qualified personnel in all fields of emergency endeavors.

The Civil Air Patrol was organized as such following World War II, but actually had its beginning during the crisis. During the war, defense-minded pilots flew the shores of our country, constantly looking for enemy submarines. In the South, Southwest, and West Coast areas, pilots handled other assignments, such as carrying military mail, checking border incidents, and handling replacement parts for the Armed Forces.

Organized in 1948

In 1948, the CAP was organized into an official auxiliary wing of the Air Force. It has been organized along Air Force specifications, and AF personnel are honorary officers.

Now, seven years since its beginning, the Civil Air Patrol has over 80,000 active members, including over 12,000 pilots. It has 52 wings, including squadrons in Hawaii, Alaska, and Porto Rico. In 1954, the CAP reported over 14,000 active women members.

In 1953, when forest fires in central and southern Illinois destroyed over 18,000 acres of valuable timber, the CAP worked night and day for a month in search of new disaster areas. Their work was largely responsible for control of the flames that at times reached terrifying dimensions. During the disastrous Alton flood in 1951, CAP men flew observation missions in addition to fortifying the communications facilities.

In past years, the Bunker Hill squadron has helped locate plane wreckage throughout the state as well as in Missouri. Cases of where CAP men have found lost pilots are numerous.

Wherever they go, whenever they fly, members of the CAP have one primary thought in mind—SAVE LIVES! Once in northern Illinois, the CAP found the pilot of a lost Navy jet plane two hours away from death. The pilot had bailed out of his plane at 20,000 feet when it was damaged in a storm. His chute was badly torn, and his fall caused severe injuries. But the pilot is still flying due to the rescue work of the CAP.

CAP members help finance their own meal ticket. They pay dues annually, and purchase their own uniforms, which are Air Force patterned. Many times, CAP pilots donate the use of personal aircraft.

The Strong Right Arm

Last year, the CAP flew 107 Air Force authorized search missions, and since 1950 have flown a total of 52,267 hours. And each succeeding year the CAP spends more time, flies more missions, and assists more people. Perhaps their activities are best summed up by a quote from Brigadier General T. J. DuBose, Commander of the Air Force Rescue Service, who says, "I have always considered the Civil Air Patrol the strong right arm of the Air Rescue Service. Our reliance in CAP has increased over the years and, I am sure, will continue to increase in the future."

"That's the kind of an outfit the Bunker Hill squadron is. They'll fly anywhere, anyplace, anytime, as long as they can save lives and aid people in distress."



Captain Al Hartley is one of the many CAP members who doubles in squadron duties. Al is Supply Officer, and often acts as observer and mobile radio operator. He has a 60-Watt HF Gonset Commander transmitter in his personal automobile, which he often uses on search missions.

150,000,000 Gallons

Shell Will Supply Capital's Viscount With Turbine Fuel

Capital Airlines' Viscount, the first turboprop plane to go into service on the route of a U. S. air carrier, began operating during July with Shell Oil Company supplying its fuel.

Shell has the account to supply 150,000,000 gallons of fuel during the next three years for the 60 Viscounts which Capital plans to put into service. Three of the planes have been delivered and more will be on the way from the manufacturer soon.

The Shell fuel used by the Viscount's turbine engines is refined to flow freely at temperatures of 40 degrees below zero and to burn smoothly in the wind that blows through the combustion chamber at hurricane speeds.

Turbine engines are smaller and lighter than piston engines of the same power and they burn fuel containing more energy per gallon than gasoline. The turbine engine has been proven safe and economical for use in planes, ships, and trains, and it is being studied for use in automobiles.

Colts Take Lions, But Still End Up In Second Place

Although they lost their final game of the season to the second-place Colts, the Lions won the championship in the Kids' Softball League, which finished the regular season August 5 at Kendall Hill. The Lions dropped their last game, 8-3, but finished the season with seven wins, two losses, just one game ahead of the second-place Colts.

Wiley, hurling for the Colts August 5, came up with a five-hitter, limiting the league champs to one run in the first inning, and two in the second. He pitched shut-out ball for the final five frames. The Colts managed eight hits off loser Larry Thomas, and they made every hit count. The runner-ups scored four times each in the third and fourth innings.

Meanwhile, the Panthers outscored the last-place Rams, 17-15, in a real slugfest that lasted nine innings. The Rams out-hit the Panthers, 13 to 9, but couldn't seem to come through with men on base, except in the seventh, when they scored two runs to knot the score at 15-all. Neither team scored in the eighth, but the Panthers countered two in the first of the ninth, and held the hapless Rams scoreless in their half of the extra-inning.

Gary Gueldner starred for the Panthers, scoring four runs and slamming out three base hits. P. Pile, pitching for the Rams, also did his part, scoring four times and collecting two hits.

Highway Tests Show Asphalt Roads Safer

Petroleum asphalt is the road builder's most versatile material. Smooth, joint-free, shock-absorbing asphalt roads mean less wear on motor vehicles. Moreover, tests have demonstrated that the dark surface of asphalt paving cuts glare, reducing driver fatigue and increasing safety.

SPORTS

Tying Run Thrown Out at Plate in Seventh

Socony-Mobil Wins Oil Tourney, Nips Phillips in Real Thriller, 3-2

Socony-Mobil, behind good clutch pitching by big Ferd Roedner, and being able to come up with that big play at the right time, defeated Phillips, 3-2, in the finale of the Oil Company Tournament this month at Kendall Hill. Socony was the only team of the five entered in the tourney which did not lose a single game in the double-elimination affair.

Prior to their victory over Phillips, Socony had dumped Shell, and Standard. Phillips, after losing their first game to Shell, 3-0, defeated Standard, Sinclair, and Shell to get back up to the top.

Another Close One

The championship game between Socony and Phillips was typical of the games throughout the meet. Phillips scored first in the last of the second on a home run by Ross. Then Socony came back in the last of the second to put together three hits for two big runs. A Phillips error helped advance the base runners in this inning.

Phillips scored another lone tally in their half of the fourth, but the 2-2 tie didn't last long. Socony got their nose in front and kept it there, scoring what proved to be the winning run in the last of the fourth. Haas reached first on an error, and advanced to second on an infield out. Schmulbach's double was the big hit of the inning, pushing Haas across with the deciding run.

Phillips Threatens

The losers threatened in the sixth and seventh frames, getting a man on base with none out in each inning. But careless base-running and accurate throwing on the part of Socony outfielders kept the winning run from scoring. In the first of the seventh, Schafer walked to open the inning. White struck out and Edwards flied out, but pitcher Nellie Hagnauer doubled to right. Schafer, trying to score from first, was thrown out at the plate by Gailius, ending the inning and the ball game.

Plant Softball Tourney Scheduled August 25

The Plant League softball play-offs are scheduled to begin Thursday, August 25, it was announced this month.

Dispatching won its fifth consecutive title this year, and is favored to win the play-offs. Treasury and Research wound up in a tie for last place with records of 3 wins, 9 losses.

Hagnauer Pitches No-Hitter Against Shell in Tourney

Nellie Hagnauer, star pitcher for the Phillips 66 softball team, almost single-handedly eliminated Shell from the Oil Company Tournament last month at Kendall Hill when he pitched a no-hitter, winning, 4-0. Only two Shell batters reached first base all evening, one on an error, and the other on a base on balls.

Shell's Bob Garner allowed but five hits, but a home run by Barchevsky with a man on cost the Greenfield ace two important runs.

Downer, the Shell third baseman, reached first on a controversial play in the fourth inning. Downer grounded to deep short and was ruled safe at first when the Phillips first sacker dropped the ball. There was some question as to whether Downer would have beaten the throw to first even if the first baseman had fielded the ball cleanly. But the Shell scorebook and the Phillips ledger alike gave Hagnauer the benefit of the doubt.



"...and I do hope you'll consider joining the girls' basketball team in Plant 4."

Second-Best Kids



The Colts took second place in the Kids' Softball League this year. Left to right are, front row, Joe Elam, Mike Ufert, Gary Howe, Barry Fry, Gerald Young, and Bob Hobson. Back row, left to right, Richard Sones, Charley Wiley, Kenny Howell, Pat Hamm, Jessie Sones, Dave Jordan, and Manager Fred Tarcza. Missing was coach Bruno Tassan.

Tournament Champs



Socony Mobil copped the Oil Company Tournament held this month at Kendall Hill. They whipped Standard, Sinclair, Phillips and Shell en route to the championship. Members of the team include, Bruss, Moder, Roedner, Weber, Erwin, Haas, Gailius, Schmulbach, and Schiller. Socony is currently in second place, behind Phillips, in the East St. Louis Industrial League.

Industrials Big Question Right Now is—

Can Shell Sneak Through Back Door to League Title?

It could well be that Shell's Industrial League softball team might sneak through the back door and cop the league title. It may happen.

This past week, the Shell boys whipped Standard, 9-2, for their fifth win of the second half against just one loss. At the present time, they are tied on the loss side for first place in the second half with Sinclair. But it all hinges on how well Shell performs in two make-up games which must be held this month. The local boys have to defeat both Western and Boxboard to move into a play-off with Sinclair.

A Big Win

They came a notch closer to the second-half title this month by whipping Standard, 9-2. The pitching of Shell ace Bobby Garner didn't hurt things a bit. The hard-throwing right-hander allowed the Standard boys only four scattered hits and struck out 14 batters en route to his third straight Industrial League victory.

Johnny Martin, Kenny Zumwalt, Dick Downer and Danny Ufert provided the necessary spark at the plate to ease Garner's task. Martin homered, driving in two runs, as well as slamming out two liners which were caught. Zumwalt, Ufert, and Downer each had two hits. Garner himself had a perfect night at the plate, going offically one-for-one, and scoring two runs. He walked twice.

Take Early Lead

Shell scored two runs in the first, getting off to a quick lead. They went on from there to get one in the third, two in the fourth, and three in the fifth. They added their final insurance tally in the sixth frame. Standard kept Garner from a shut-out when they countered one in the third and one in the seventh. Davenport of Standard got two of the four hits off Garner.

If Shell can keep playing at their pace of the past few weeks, and if Garner continues his terrific throwing, the local men should find themselves in a tie for the crown. But then they face that old rascal Cal Johns—he still pitches for Sinclair.

Never Mind the Warm Weather

Bowling Association Begins Season Play September 2

The temperature might be hovering around 90 degrees, and the World Series might still be a month off, but Shell's bowlers will be at it again come September 2. According to O. A. Kleinert, General Secretary, bowling activities will once again be made up of 32 teams composing four leagues, including Premium, X-100, Super Shell, and Golden Shell. Kleinert also stated that Women's League activities will probably get underway about September 8.

As of August 16, three new teams had signed up for the season's competition. These include the Fab Shop, Alkylation, and Distilling. The Premium League will probably take the same shape as last year, although several of the teams seem to have bolstered their line-ups considerably.

Frank Hackethal, one of the top bowlers in the Premium League, will be throwing for Lube Vacuum this year. The addition of Hackethal will undoubtedly make the Vacuum boys much stronger. In addition, Harold Taul, who along with Hackethal last year helped pace the Dispatching Gaugers, will this year be bowling for the Control Laboratory.

Several other additions will probably be made within the next few weeks.

As in past years, the Premium and X-100 leagues will hold forth on Wednesday evening at East Alton's Bowl Inn, while the Super and Golden Shell circuits will meet on Friday evenings. The first sessions each night get under way at 6:45 p.m.

Injury

No matter how minor an injury on the job may be, it is important to report all injuries when they occur.

"You are very run down," said the Doctor to his patient, "I would suggest you lay off golf for a while and get in a good day at the office now and then."

Shell Team Two Takes Third Place In Industrial Golf

Shell Team Two finished the Industrial League Golf season in third place, just off the pace set by the winning team, Onized One, and Sinclair, the runners-up. The number two Shell golfers wound up with 473 points to Onized's 536 and Sinclair's 489.

Shell's other two entries, teams One and Three, finished in sixth and seventh place respectively in a 13-team array.

The Number Two outfit is made up of Dave Patton, Fletcher, Dolan, and Williams. Patton carried a 6 handicap, Fletcher had 5, Dolan a 9, and Williams, 10.

Members of Shell One are Hanbaum, Colburn, Miller, and Buettner. Fallon, Kalivoda, Springer, and Brokaw made up Shell Three.

Final Standings

1. Onized 1	536
2. Sinclair	489
3. Shell 2	473
4. Onized 2	463
5. Standard	456
6. Shell 1	452
7. Shell 3	436
8. Western 1	427
9. Onized 3	426
10. Western 2	388
11. ISCO	354
12. Boxboard 1	239
13. Boxboard 2	122