



SHELL REVIEW

Wood River Refinery

VOLUME 9

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NUMBER 8

R. C. ROBERTS RETIRES - H. D. DALE NEW MANAGER

REFINERY OPERATIONS CONTINUE DURING COAL STRIKE

During the recent coal strike which threatened to paralyze the entire nation, our refinery continued its operations, and through the combined efforts of all employees here, at our New York Office, and at the Shell Office in Washington, D. C., we were prepared to continue most of our operations during the month of May even if the coal strike remained in effect.

On May 1, all departments were advised to enforce rigid economy in the use of steam and electric power, lights water, compressed air, and all fuels as a conservative measure during the strike. This was done to prevent serious curtailment of refinery operations as well as to be prepared to furnish emergency supplies of fuel to other essential industries and public agencies if necessary. As a further conservative measure, our No. 2 Boiler House, which ordinarily uses approximately 750 tons of coal a day, converted to the use of fuel oil. Although this was a departure from normal operation, it helped conserve power due to the elimination of the automatic ash-handling equipment, electric coal conveyor and pulverizing machinery which were not needed after the switch-over from coal to oil. This change-over also benefited other industries in the area who were not equipped to fire their boilers with oil, as the coal ordinarily shipped to us was diverted to other industrial plants.

All departments did their part in the conservation of power, steam and other vital materials in an effort to avoid serious curtailment of refinery operations. However, when the coal strike became effective, the Stores Department played a major roll in the continuation of refinery operations. On May 1st when the strike clouds began to gather on the horizon, the

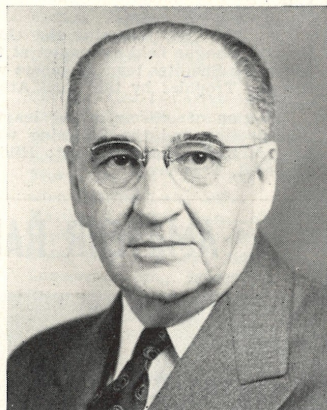
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Shell Boat Excursion July 3

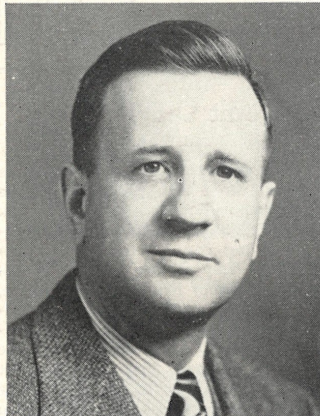
The Shell Athletic Club is sponsoring a Moonlight Boat Excursion on the Steamer Admiral on July 3rd. The boat leaves the foot of Washington Avenue in Saint Louis at 9:00 P. M.

The price of tickets for this boat trip is \$1.15, if purchased in advance. Tickets at the boat will be \$1.40.

The Athletic Club has only a limited supply of tickets at the reduced price. So, get your tickets now and get set for an enjoyable evening on this boat. All employees and their friends are welcome.



R. C. ROBERTS



H. D. DALE

TO ALL EMPLOYEES OF SHELL WOOD RIVER REFINERY:

I wish it were possible for me to express my thanks to you individually for the fine cooperation I have received during the years I have been at Wood River. The last five years have been a real test. While approximately one thousand of you were serving in the Armed Forces, those who remained were engaged in producing materials so urgently needed for Military Service. I am very appreciative of the service rendered during these trying times.

Although leaving active service of Shell, I shall continue to have the same interest in the welfare of both the employees and the Company as I have in the past. I expect to return to Wood River from time to time and hope to see as many of you as possible, as the tie that has bound us together here may lengthen but it will never break.

To each of you my sincere thanks and good wishes for the future.

R. C. Roberts

NOTICE

Our Industrial Relations Department is trying to help Shell's returning service men and other Shell employees find suitable living quarters for their families. If any employee hears of any home or apartment which is or will be available, for rent or for sale, please call the Industrial Relations office immediately, and they will post the information on the Central Bulletin Board near the Main Gate.

CREDIT UNION NEWS

Installment Buying
Pay Cash By Borrowing From Your Credit Union and Save The Difference

The extra cost in dollars in buying on the installment plan is the difference between the installment price and the cash price. If a radio can be bought for \$55.00 on installments or for \$50 in cash, the difference is \$5.00. The cost of buying the radio on the installment plan is therefore \$5.00.

When a person buys on the installment plan, he is really borrowing

(Continued on page 2)

On June 1, Mr. Roberts retired after more than twenty-nine years of service with Shell. He was succeeded by Mr. H. D. Dale, who has held many important positions during his long service with the Company.

Mr. Roberts started on his long career with Shell in 1917 when he commenced work on the Topping Plants in Martinez, California, and the following year when the Wood River Refinery started operations he saw his first service at Wood River, then operated by the Roxana Petroleum Corporation, as Stillman of the Topping Plants. Thereafter, Mr. Roberts advanced consistently to positions of greater responsibility in the company, becoming Manager of the Arkansas City Refinery in 1928. Since that time he has been Refinery Manager successively at East Chicago and Wood River.

Through his managerial ability and exceptional knowledge of all phases of refinery activities, Mr. Roberts has contributed greatly to the successful operations at Wood River, particularly during the large war time expansion which, during the past few years, made this refinery a huge industry and one of the largest refineries in the country. He directed the record production during the war when Wood River was the first oil refinery in the country to be awarded the coveted Army-Navy "E" pennant in recognition of exceptionally high achievement in the production of war materials; also four additional stars for continued record production of materials essential to the war effort.

Mr. and Mrs. Roberts will move to Elgin, Illinois, about July 1st. Elgin is the "old home town" of Mr. Roberts, where he resided as a youth before beginning his long and meritorious career with Shell. His many friends throughout the Shell organization will miss him keenly.

Mr. H. D. Dale, who succeeded Mr. Roberts as Refinery Manager on June 1st, is not a stranger at Wood River Refinery. He began his career with Shell at Wood River in August, 1924, as a Gauger in the Cracking Department, and advanced consistently until in 1941 he became Superintendent. In 1944 he was transferred to the Manufacturing Department in New York, serving in manufacturing activities and advancing to the position of Assistant to Vice President of Manufacturing.

Mr. Dale recently returned from an inspection trip of both Germany and Japan with the Strategic Bombing Survey of the War Department. In his new post as Refinery Manager, Mr. Dale will bring an unusually extensive background in manufacturing operations.

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REFINERY OPERATIONS CONTINUE DURING COAL STRIKE

(Continued from page 1)

Stores Department began contacting all of the firms who furnish us with chemicals to ascertain whether or not they expected any difficulty in making shipments of chemicals scheduled for the month of May. At the time no difficulty was expected.

On May 7, however, when the coal strike was in effect and the announcement of a freight embargo by the Office of Defense Transportation to be made effective at midnight on May 9, the Stores Department immediately started checking with each department in regard to their supply of chemicals and storage capacities. Then all suppliers were wired to make immediate shipment of additional chemicals.

On May 9, the date the freight embargo went into effect, we had received a large percentage of essential chemicals, and some carload shipments were enroute to us. As we had not received full quota necessary for the continued operation of the refinery, our Shell Office in Washington, D. C. was given full information as to our requirements, and they applied to the Office of Defense Transportation for permits to allow shipments of chemicals to us. Our Washington Office had obtained the permits, but they were not used due to the strike being called off. But even if the strike had continued throughout the month there would have been no serious curtailment of our refinery operations which would have resulted in laying off many of our employees.

Had the coal strike continued for a long period of time it would have forced a drastic reduction in our operations, as well as in most other industries. We are all happy that this was not the case, but feel that all departments and employees who cooperated so well in their efforts to assure our continued operations for a maximum period of time are deserving of commendation.

OPPORTUNITIES

FOR SALE: 5-room modern house in Staunton, \$5,900. Inquire 100 W. Main St., Staunton, Ill.

FOR SALE: 12 casement porch windows. French Style. New. See C. P. Turner, Pipe Shop.

FOR RENT: 1 sleeping room. 418 Dry Street, Alton.

FOR SALE—G. E. Vacuum Cleaner with attachments. Very good condition. 522 Fifth Street, Wood River, Ill.

Credit Union News

(Continued from page 1)

money from the merchant. He is using some of the property of the merchant while he is paying for it. The rate of interest that he is actually paying can be found in much the same way as the amount of interest on small loans. For example, a radio was purchased on the installment plan for \$55.00. A down payment of \$10.00 was made at the time of purchase, and \$5.00 was paid at the end of each of the following nine months. The radio could have been bought for \$50.00 in cash. What rate of interest was paid for the privilege of buying on the installment plan?

\$55.00 (installment price of radio)
-50.00 (the cash price of the radio)

\$ 5.00 (the amount paid for the privilege of buying on installments)
\$50.00 (the cash price of radio).
—10.00 (down payment on installment plan at time of purchase)

\$40.00 (the amount borrowed from merchant)

If the borrower had borrowed the \$40.00 from his Credit Union for eight months at \$5.00 a month, the interest would have been \$1.80.

The merchant's installment cost was \$5.00. How many times greater was this actual cost than \$1.80? The interest paid the merchant was almost three times greater than the amount would have been if the money had been borrowed from the Credit Union. The interest rate charged for the use of the merchant's money was approximately 33 per cent.

Buying on installments, as illustrated in the preceding paragraphs, is very expensive. Employees can save themselves many dollars in purchasing merchandise for cash by borrowing from their Credit Union.

JOKES & JOLTS

The reason there are so few women after-dinner speakers is because few can wait that long.

Here's to the chigger, the bug that's no bigger

Than the point of an undersized pin;
But the welt that he raises sure itches like blazes

An that's where the rub come in.

Two can live more cheaply than one wants to.—Forum

Wolf—A person who knows all the ankles.

SHELLITES WIN GIRLS BOWLING CROWN

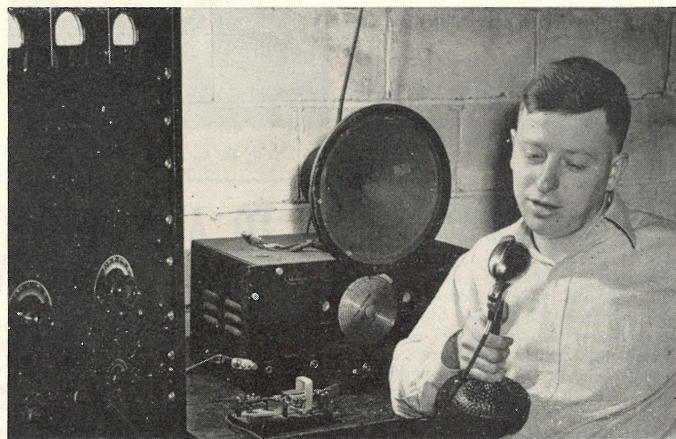


In the rolloff for the Refinery Girls Bowling Championship on April 28, the Shellites won the title by taking the first two games in a best two out of three game playoff from the Cokerettes, winners of the first half.

On May 1st, following the close of the bowling season, the Girls Bowling League held a banquet at the Mineral Springs Hotel in Alton, at which the Shellites team members were honored and presented individual Bowling Trophies by the Shell Athletic Club.

Election of officers of the league for the coming year was held at this meeting and the following were elected: Rose Bohart, President; June McKean, Vice-President; Hilda Ballentine, Secretary; and Marian Teachout, Treasurer.

AMATEUR RADIO OPERATOR



Thomas H. Jones, Lube Vacuum Plant Fireman-Pumper, who operates amateur radio station WAQPV at Hartford, Illinois, is shown in the above photograph broadcasting over his radio. His station, which is located in his home at Hartford, Illinois, is 150 watts power and operates on the 10 meter band. He has been an amateur radio operator since 1938, and during his years as a "radio ham" he has made many contacts and friends throughout the world. He makes contacts quite frequently with our good neighbors in South America.

Jones started to work for Shell in July, 1940, as a Bottlwasher in our Control Laboratory, and later transferred to the Vacuum Plant. In June, 1941, he entered the U. S. Army as a Private and advanced to the rank of Sergeant, the rating he held at the time of his discharge in October, 1945. He returned to his old job at the Vacuum Plant in December, 1945.

D and D Plant

By ED SCOTT (For L. B. Booth)

"Doc" Scholl, our great philosopher, will give free to anyone that asks—all the dirt on farming.

Pickering believes that "he who talks the loudest is the most apt to be heard."

Congratulations to Harold Lewis upon becoming the proud father of a baby boy. I'll wager "he" can get more out of his daddy right now than the boys at the unit.

Al Garner says one consolation in not being a prize handwriter is that you can write about what you please, as no one can read it anyway!

After such a long vacation I know everyone is just too, too glad to be back to work—"lay that pistol down."

Facts, Not Fiction

Don't get excited when you hear talk about the Oil Business going out of business, because:

"Less than 2 per cent of the potential oil bearing strata of the United States has been drilled tested."

"One oil company alone since Pearl Harbor has discovered 25 new oil pools, large and small."

"Under the present proration schedule, it is believed the great East Texas oil field will continue to produce profitably for another 24 years."

"U. S. contains 1½ million square miles of territory favorable for the accumulation of oil, only half of which has been thoroughly explored. When thoroughly explored, from 1 to 3 per cent of the favorable areas produces oil."

— American Petroleum Institute.

Join the Shell Choral Club

By DELBERT SMITH

Any organization is only as good as the interest of those participating make it. Any activity leads to interest.

Since its organization the Shell Choral Club has been active in music in the surrounding community, having sung before various clubs and working with the Wood River High School Band in a complete evening's entertainment. The Choral Club's offerings at the two dinner meetings of the Service Club were warmly received.

Now an opportunity has come for it to participate in a state chorus which will aggregate more than two thousand voices. Every county in Illinois has been given the chance to form a county chorus which will sing at the State Fair at Springfield on the evening of August 16. After which this gigantic state ensemble will entrain for Chicago where it will sing at the Chicago Music and Festival at Soldier's Field before an audience of more than a hundred thousands music lovers. This Musicland Festival, sponsored by the Chicago Tribune, draws choruses, bands vocal soloists and instrumental soloists from all over America. The Shell Choral Club has been asked to form a part of the Madison County Chorus which in turn becomes a part of the state chorus. The Shell group will practice separately at their regular rehearsals and only go to Edwardsville for the final two meetings of the county chorus. All transportation to and from Springfield and Chicago will be furnished by the state.

Thus, every employee is being given the opportunity of having a lot of fun and taking part in an important contribution to American music.

Every Shell employee who likes to sing is invited to join the Choral Club at its next rehearsal at 7:30 p. m., Tuesday in the band room of the Roxana High School.

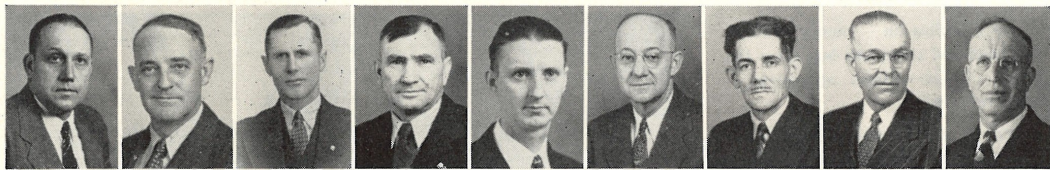
SHELL CLUB NOTES

About forty loyal members braved the damp, cold weather to attend the Shell Club jamboree at the Alton Gun Club on Saturday, May 4. The mulligan stew was of the finest and that brown amber fluid was plentiful. Dick Roberts was the champion blind bogey golfer; Cliff Davidson and Dave Patton were the hot shots in the trap shooting and Clark Root displayed "big league" form in pitching corkball. Ray Hotto was the winner of the attendance prize and has advised that he plans to save it for snakebites, etc.

A fair crowd attended the Shell Club dance at Collinsville Park on Friday, May 17, and a good time was had by all.

Some of the highlights of the evening were Bud Arnold's dance with the broom, Doyle Burns cutting a rug and Joe Brien tripping the light fastatic.

20 YEARS SERVICE



Left to right—E. K. Calvin, Dispatching; C. L. Wood, Cracking; K. R. Turner, Automotive; H. J. Smith, Eng. Field; V. L. Major, Topping; W. R. King, Main Office—F. J. Frizzel, Eng. Field; C. E. Davisson, Eng. Field; G. E. Clayton, Storehouse. Miss Dorothy McNally also completed 20 years of service in June. Photo not available.

Industrial Relations News

By KATHIE HANES

Wedding bells rang out in our department-Laurine and Dick made the final leap June 9. We all wish both of you the very best of luck and happiness.

Can you tell me why Jeanne is so sleepy-eyed on Monday mornings-Oh! I know-Joe comes to see her on weekends! How I would like to meet him!

Raise the flag! Blow your horns! Schubert and Hotto have moved in!! We're mighty glad to have you, Kenny and Ray and we hope you're glad to be here.

Have you heard who Jane's latest admirer is??? Hubble! Hubble! Hubble! Jane!!

Why is it Eddie always wins whenever he matches for cokes? Could it be that he has a two-headed nickel?

Our illustrious softball members are still a little stiff in the joints, but you must remember-it takes quite awhile

Cracking Condensate

By JOHN McCONNELL

Lumber King, John Laux's new entry at Fairmount Park, came in second in the first time out this year. Maybe John is headed for a big year with Lumber King.

Some of the boys want a few more tips on the horses from John Laux-especially like the one he gave out on Assault running in the Belmont.

The country must be headed for a depression, they say, Danny Maguire has gone back to passing the box at church again.

The town of Bethalto will really be in a slump now, due to K. O. Klump, financier, moving his home and boat business to Milton Heights.

A typical scene at the Cat Cracker: Daniels leading "Bear Tracks" Woods around the unit.

The new bookie that was recently opened at the Cat Cracker closed abruptly after being open only a few hours. We don't know whether the closing was due to Bill Burton or to the financial losses of the bookie.

to get those "winter bones" straightened out-eh, Oscar???

We all extend our sincere sympathy to June because of the death of her mother. There is little we can say, June, except we are sorry.

Topping Rabble Chatter

By BRIG YOUNG

Miss Doris Davis, Topping Office Steno, was married June 7th. We extend her our best wishes on this happy occasion.

Bill Reydon has been ailing again. Here's wishing him a complete recovery.

Mr. and Mrs. Don Isted are happy to announce the birth of a daughter, Beverly. Their third child. Congratulations, Don.

Hubach, Fischer and Wilkinson are with us again after a hitch in the service. Welcome back, fellows!

We also welcome the following new employees to our department: Donahoo and Woolridge.

The Topping Office had to check the personnel files recently before they could identify that F. W. on a certain flow chart. The forgotten man, eh???

It was a sad day for McGuire when old Spot died!

It appears that "Swede" Nelson has been taken for another ride. Why he didn't notice ragweeds had been added to the egg plants Sieberlich brought him, we will never know. However, he set them out side by side (we have proof). Maybe trying to beat the clothing shortage! How's about it Swede?

It's a good thing there are no confidence men in Topping Department if Barker is going to believe all that "malarkey" Wes. Williams was giving him about looking younger than when Wes. left for the army!

Campbell, that soda B1 is not the vitmain-bearing variety!

Smitty, are you sure the greasy jacket was what made Falkner think you were a Pipefitter? Couldn't be that pocketfull of wrenches could it?

Misegades doesn't want it known he has a telephone! He says he doesn't want it known he has a telephone so he won't be bothered with a lot of femmes calling him!! We think he's afraid of callouts!!!

Cooper, Almon, Page and Juhlin will be enjoying their vacations these next few weeks.

Barker got a catch in his back showing off his Herculean physique to Worden!!

Topping-Light Oil Softball Team is still in the league so don't all you rooters stay home next time we play. Everybody out! Let's give the team our support.

Frankie Weatherford wants someone to get his pencil for him when he is on vacation. Rees offered to mail it to Frankie, collect. Frankie offered to split with Rees!

SHELL WOOD RIVER REFINERY PLAYS HOST TO ST. LOUIS S. A. E. GROUP



On May 15, members and guests of the St. Louis section of the Society of Automotive Engineers were conducted on a tour of the Wood River Refinery. Kenny Burge of the Technological Department briefed the group on the general layout of the plant, the processes involved and the products manufactured. The technical men from various departments then took small groups of the visitors on the conducted tour, explaining various phases of operation and giving many interesting sidelights on their work in the refinery. Upon completion of the tour, sound films on the production of crude oil and recent progress made in the development of improved fuels were shown and dinner was served. M. E. Schramm of our Engine Research Laboratories and Section Vice-Chairman for fuels and Lubricants of the S. A. E., arranged for the tour.

Central Shops

By NED F. BAST

Time marches on — many changes have occurred since the last time the Central Shops column appeared — due to no news.

Eruno Stolley, formerly our Assistant Chief Engineer, has journeyed to the east to take up duties in the New York Office. He has been replaced with our good friend and neighbor — past Master Mechanic Kline B. Grigsby. We congratulate you, Kline, on your new position.

The Engineering Office's loss was our gain when they permitted Gayden Derickson to depart for the Master Mechanic's job in the field. Welcome "Leif" — hope your stay is a pleasant one. Also released from up front to assist with construction work is James Glover — welcome to the field, Jim.

Not only has the Engineering Office had its losses, but good old Uncle Sam weeps too with the loss of Lieut. Commander Wendell B. Pollock back with his buddies on construction; Staff Sergeant Daryl F. Shaffer; Tech. Sgt. Anton (Tony) E. Sitko and Sgt. Charles M. Schafer as clerks in the Engineering Field.

The Central Shops Office one and all are glad to have you back with us.

We all have heard many, many fish stories, but we think the best one that has happened around this vicinity in decades is the one that comes to the writer about our General Electrician Foreman. The story goes something like this: A certain fisherman was out in a boat with his fishing buddy watching his cork bobble up and down — luck was with him for he already had a dozen nice fish on his stringer, but alas — bobble — bobble — dunk, he had a bite, sure sure enough he brings in his catch and again baits his hook and casts out, thinking all the time that he can place his fish just caught on the stringer while waiting for another bite; but that day the fish are really biting and before he can get his fish on the stringer he has another bite, in the excitement he drops the string of fish overboard and on pulling out his other bite, all he finds on his hook is just the worm. Fish stories they call these, but this is true, believe it or not.

Recently upon the return of a certain young Tech. Sgt. from the service, we hear of him having trouble keeping awake while driving back and forth from Staunton, but that defied power of chance was with him; in walks a fair and beautiful damsel interrogating our young Sergeant if it would be possible that he would care to have some pulchritudinous maidens ride along with him to alleviate the strenuous task of keeping awake. This sporting proposition was accepted, but fate rides again, the very first day he carried his lovely cargo — a flat tire — yes, we understand this flat tire occurred in the town of Edwardsville, but we'll let our Tech. Sgt. explain the flat tire — yes, Tony.

Cupid with his arrows has struck the bulls eye again, yes — in fact two bulls eyes. Congratulations on your next step, Tony — we understand it

SHELL CLUB ACTIVITIES



Top photo—Trap Shooting at Shell Club Picnic held on May 4. Photo in center—cork ball game at picnic. Bottom photo—Shell Club Dance at Collinsville on May 17, Bud Arnold, Shell Club president, is shown trying to get rid of the broom in a Broom Dance.

Chemical Analysis

By LONNIE BOWMAN

SPORTS: The Research Laboratory is sporting a .500 average in the plant league, having won one and lost one game, the victory came at the expense of the Experimental Lab. 13-5. The second game was lost to the Gas. Dept. 9-5. Some potent sluggers were uncovered in the first game but were conspicuously absent the second game.

GREETING SECTION: To H. J. Haffner we once again say hello after

will be consummated about July 21; the other bulls eye struck our bachelor, "Wilkie" as he is known to his friends, and we also felicitate you, Maurice Graham, on your travels from the state of bachelorhood to the state of matrimony, though we don't know why you keep the date a secret.

We wish to take space here and also the readers' time to inform them, especially the Engineering Office, that a notice recently announced relative to the Engineering Picnic is in error. It should have read: Office "Hopefuls" vs Field "Champions." (Right, Julius?)

a four year stretch in the Army, he also brings back with him his famous spaghetti recipe which has never been forgotten. Also returning from the Army is Norman Wilson. Fresh from a Naval uniform and into the Chemical Engineering section we have C. W. Kelly. To Jim Douglas we wish a long stay, he is a graduate of the working on the Chemical side.

MISCELLANEOUS: The latest results of Dan Cupids actions are being shown on the left hand of Jerry Barnett of the Column Room, we understand that the final knot will be tied very shortly. We wish you every happiness. Ruth Aulabaugh of the Analytical Lab. is also flourishing a brand new diamond, the month of June is certainly living up to its tradition.—Jean Craig was seen sporting an out of season tan, the result of a vacation spent on the sunny shores of Florida.—Freddie Alsberg also came back to work looking happy and contented after spending his vacation in New York and Roxana —Joe Lettier tells of his trip to Pennsylvania, mainly making the whole trip with no flat tires.

Alkylation News

By L. R. WADDELOW

Boys, you will have to go farther than Mexico on your vacation to obtain beer. Chesus vacationed there and consumed their surplus supply.

The Alkylation Department softball team is in fourth place in intra-departmental competition. I predict that they will alkylate to a higher place.

Joe Levora will not get his 1946 Studebaker due to change-over to making 1947 models.

Lewis seems to be on intimate terms with the Internal Revenue Office. We don't know yet whether it means Alcatraz or Sing Sing.

Russel Ewers and Red Helensmith are vacationing in the Ozarks. I wonder what will come forth from such modest fellows when they return.

Carl Colborn is golfing, not vacationing, and I will recall all the remarks about his surplus golf fund. He seems to be adding to it daily.

It is rumored that Lawson might be transferred to the C.D.U. to join the debating team of Vinson, Anglin and Sutton.

We understand that Malson, Burns, Reed, Churchill, Rathjen, and Lenninger enjoyed the steak dinner given by the bowling team. Draper doesn't care for teak, so he didn't attend.

Our hats are off to those who made it possible — a zone craftsmen tool room and supply depot, within the department, is under construction.

Lest we forget: Mr. Malson bowled a 200 game!

When you're at the Evergreen Gardens, buy your flowers from Hammann.

It seems that Herby Miller bet "Cheese" McCrellis a case of beer that a pencil mark could not be weighed. Our Laboratory scales were against Herby. Herby paid off one dollar—One dollar due.

F. W. Hamilton is on sick leave. We all wish him a speedy recovery.

Russell Draper seems to be mixing fishing with his golf. The last time he went fishing he stood in the lake and fished within the boat.

GARDEN NEWS

Keep your garden producing — help increase the food supply — Don't give up.

What's your Garden Problem?

QUESTIONS AND ANSWERS
Cabbage Worms

Q. Is it advisable to use salt on cabbage when it begins to head to control cabbage worms?

A. Spraying or sprinkling cabbage with a common salt solution at the rate of two ounces of salt to one gallon of water is a safe and effective remedy against the cabbage worm.

Tomato Training

Q. Please explain how to prune a tomato plant to restrict heavy growth.

A. To train a tomato to a single stem simply rub off (between thumb and forefinger) the outside shoots as they show in the leaf axils. If more than one stem is wanted, then retain one or two of the lower side shoots, but keep their growths rubbed off all the way.

Q. Please tell me what to do to exterminate bean beetles.

A. The standard method of controlling the Mexican beetle is to spray with magnesium arsenate or apply a rotenone dust. In either case, the application should be made from the under side of the leaves.

.. SPORTS ..

The plant softball leagues, sponsored by the Shell Athletic Club, are well underway. The Tuesday-Thursday League is being headed by the Main Office with a won-lost count of 6 and 1. The Laborers remain undefeated in the Wednesday-Friday League. The standings of each league as of June 21 are listed below. The three leading hitters of each team are also shown.

TUESDAY-THURSDAY LEAGUE				WEDNESDAY-FRIDAY LEAGUE			
	W	L	Pct.		W	L	Pct.
Main Office	6	1	.858	Laborers	5	0	1000
Pipefitters	5	1	.833	Control Lab.	4	1	.800
Boilermakers	4	3	.572	Gas Dept.	4	2	.667
Alkylation	3	3	.500	Research Lab.	3	3	.500
Central Shops	2	4	.333	Eng. Insp.	3	3	.500
Lube Dept.	2	4	.333	Exp. Lab.	2	3	.400
Topping and Treating	2	5	.280	Comp. House	1	4	.200
Cracking	1	4	.200	Warehouse	0	6	.000

BATTING AVERAGES AS OF JUNE 7

Name, team, Pct.	
Van Doren, Pipefitter, .750.	Robinson, Topping & Treating, .333.
Stanley, Pipefitter, .700.	Bodum, Topping & Treating, .333.
Hammond, Pipefitter, .537.	Patton, Labor, .635.
Schubert, Main Office, .700.	Flamm, Labor, .600.
Morrissey, Main Office, .563.	Buhrmester, Labor, .455.
Branhan, Main Office, .462.	Carlton, Gas Department, .625.
Wild, Alkylation, .500.	Bryant, Gas Department, .375.
Gross, Alkylation, .500.	Groves, Gas Department, .333.
Vukelich, Alkylation, .500.	Schillinger, Control Lab, .500.
Frazer, Boilermakers, .667.	Freer, Control Lab., .333.
Myer, Boilermakers, .553.	Rice, Control Lab., .250.
Reynolds, Boilermakers, .471.	Martin, Research Lab., .500.
Cole, Central Shops, .778.	Lewis, Research Lab., .429.
Lawliss, Central Shops, .333.	Poitz, Research Lab., .429.
Kleinert, Central Shops, .333.	Lanzerotte, Eng. Inspection, .445.
Romani, Cracking, .800.	Summers, Eng. Inspection, .222.
Hamilton, Cracking, .750.	LaMarsh, Eng. Inspection, .222.
Neuhaus, Cracking, .555.	Schneider, Exp. Laboratory, .400.
Amberg, Lube, .555.	Hendrickson, Exp. Laboratory, .333.
Groppel, Lube, .333.	Herrarias, Exp. Laboratory, .333.
Grafford, Lube, .250.	Schildroth, Compound House, .445.
Barker, Topping & Treating, .429.	D. Miller, Compound House, .400.
	Sturgeon, Compound House, .333.

EDWARDSVILLE SHELL TEAM WINS REFINERY BOWLING CHAMPIONSHIP

The Berleman Service Team, champions of the Edwarsville Shell League, won the Refinery Bowling crown by taking three out of five games from the Topping Department quintet, Champs of the Alton Shell Leagues, in the rolloff for the Refinery Championship.

The rolloff which took place on May 17 at the Wood River Bowling Alleys, was a three out of five game match. Berlemans took the first two games, then Topping rallied to win the third and fourth games, and the fifth and deciding game went to the Berleman kегlers by a slight margin.

"Mickey" Harris starred for the Berleman team in the first two games, hitting 233 in the first game and 236 in the second. Campbell came through with 215 in the third game to help Topping win that game, and Joe Lanzerotte with a 225 game led the Topping in the fourth game to even the match with two games each. In the fifth and deciding game, Dale Schneider rolled 239 for Berlemans. Scores by games:

TOPPING						
Name	1st game	2nd game	3rd game	4th game	5th game	Total
Campbell — — — — —	168	149	215	160	174	866
L. Adkins — — — — —	146	—	132	179	172	629
J. Lanzerotte — — — — —	165	172	—	225	179	741
Hochmuth (Capt.) — — — — —	168	192	145	—	178	683
D. Isted — — — — —	158	—	192	142	170	662
D. Hake — — — — —	—	112	—	—	—	112
Robinson — — — — —	—	200	193	130	—	523
Total — — — — —	805	825	877	836	873	4216
Handicap — — — — —	26	42	38	46	24	176
Grand Total — — — — —	831	867	915	882	897	4392

BERLEMANS						
Name	1st game	2nd game	3rd game	4th game	5th game	Total
D. Schneider — — — — —	191	164	166	172	239	932
M. Harris — — — — —	233	236	161	181	151	962
J. Gregor, Capt — — — — —	170	144	191	168	190	863
Trowbridge — — — — —	165	179	160	181	205	890
E. Snadjr — — — — —	167	188	136	173	161	825
Total — — — — —	926	911	814	875	946	4472

GOLF TOURNAMENT

On July 15 the Annual Class Golf Tournament will start at Alton Muny Course. This tournament is open to all employees and is sponsored by the Shell Athletic Club. An 18-hole qualifying round score must be turned in to O. A. Kleinert, Industrial Relations, or Joe Brien, Alkylation Zone Office, not later than July 8. No entries will be accepted after this date.

Don't forget the Blind Bogey Tournament on June 29.

7 1/4 Pound Bass Caught With Casting Rod

On Saturday morning, June 8, Tom Close and Neal Lemkemeier of our Welding Department, went on a week-end fishing trip at Grafton, Ill. They fished in the lakes between the Illinois and the Mississippi rivers, and here is their catch for that mornings fishing: four big mouth black bass weighing 7 1/4 pounds, 6 pounds, 14 ounces, 3 1/2 pounds and 2 1/2 pounds, respectively.

BERLEMAN SERVICE BOWLING TEAM REFINERY CHAMPS



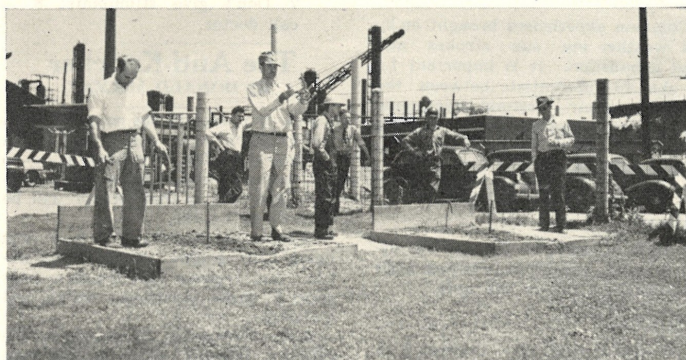
Bowling Champs—Left to right: D. Schneider, Trowbridge, M. Harris, E. Snadjr and Joe Gregor. W. Lamkin, also a member of team, was not present when picture was taken.

TOPPING BOWLING TEAM



Runner Ups—Left to right: L. Adkins, Don Isted, Campbell, Robinson, Hochmuth, J. Lanzerotte and D. Hake. Pizinger, also a member of team, was not present when picture was taken.

ATTENTION! HORSESHOE PITCHERS



The Horseshoe Courts, which are located just south of the Tennis Court, are available for use by all employees. The picture above was taken during a recent noon hour, showing some employees using the courts.

The Shell Athletic Club wishes to announce that if enough interest is shown, they will sponsor a Refinery Horseshoe Tournament. Therefore, all employees interested in participating in a refinery tournament are requested to turn in their names as soon as possible to the Industrial Relations Department.

How to Avoid that "Worn Out" Feeling

By TANNER SMITH

We humans are odd. In cold weather when the winds are howling we wish for the good old summer time and in summer when the sun bears down we wish for a nice cool winter day.

It is quite obvious why we object to the winter weather since the bitter cold, the slushy snow, and the bleak days make life uncomfortable. But why do we object to the summer with its cooling breezes, beautiful sunny days, and the lovely grass and flowers?

The most oft heard objection is "When it's hot I feel so draggy and exhausted. I don't seem to have any pep."

If you are one of the people with this objection, would you like to know what causes this feeling and how to overcome it? It's quite simple.

Your entire body is made up of cells. Each cell has its particular function and each is enclosed in a very thin membrane. Certain chemical reactions occur in each cell which creates a definite pressure within itself. This pressure is important in the normal function of forcing oxygen in and carbon dioxide out of the cells. Salt is one of the important ingredients necessary in each cell to continue this normal chemical reaction which creates the cell pressure. When there is a lack of sufficient salt in the body the cell pressure is reduced due to the poor chemical reaction. This retards the osmotic function of the cell and causes the resistance of the entire body to be lowered. Thus, you tire more easily, you feel the heat more readily, and lack your usual pep.

When you perspire abnormally during hot weather the perspiration passing through the cells collects an abnormal amount of salt and deposits it on the skin surface. This excretion robs the cells of their salt, causing fatigue and exhaustion.

Therefore, it is quite important to replace this wasted body salt by taking salt tablets regularly in hot weather. If you perspire only slightly—take 4 to 6 tablets, average—take 8 to 10 tablets; or excessively—take 12 to 15 tablets per day. Dissolve them in your mouth before swallowing with water.

Common experiences brought on by hot weather are sun strokes and heat exhaustion. It is important to be able to differentiate between the two since their first-aid treatments are directly opposite, and wrong treatment can cause death. A discussion of each is listed below:

HEAT EXHAUSTION

CAUSES

It is a collapse due to the effects of heat often resulting from a lack of salt in the body.

SYMPTOMS

1—pale face; 2—covered with cold perspiration; 3—may complain of feeling chilly; 4—the pulse is rapid; 5—the breathing is shallow; 6—patient conscious.

TREATMENT

1—lay patient down with head low; 2—cleanse mouth; 3—wrap body in warm covering; 4—apply



WEDNESDAY, JULY 3RD

ON THE

STEAMER ADMIRAL

BY THE

SHELL ATHLETIC CLUB

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hot applications; 5—use stimulants; 6—rub extremities; 7—call doctor.

SUN STROKE

CAUSES

It is a sudden attack of illness from prolonged exposure to the direct rays of the sun or other high temperatures.

SYMPTOMS

1—face is red and flushed; 2—patient becomes unconscious rapidly; 3—skin hot and dry—no perspiration; 4—the pulse is slow and full; 5—Heavy breathing; 6—pupils of eyes are enlarged.

TREATMENT

1—remove patient to cool place; 2—lay patient down—head raised; 3—remove some clothing—open collar; 4—wrap in wet sheet—keep cool; 5—put ice cap on head; 6—rub patient's limbs; 7—Don't give stimulants; 8—call doctor.

The Anti-Knocker

By DONALD McLEAN

Now that Ruedin has returned from his vacation with many tall tales, Gregor and McKnelly have gone to try to outdo him. One thing is certain, and that is that Gregor will be outdone by no one.

Watson has described the new huts being built around Alton in full detail. Jim reports that the new huts come in three widths—gas, water, and electricity.

Since Berleman's Service won the refinery bowling championship, the Anti-Knockers are more enthusiastic about bowling than ever. Three of the members of this team are employees of the Anti-Knock, namely, Snajdr, Schneider, and Gregor. We understand they had a little help from Trowridge, Harris, and Lambkin. Congratulations, fellows. And, incidentally, Ed, try again next year.

Meet Our Company Doctor

Dr. Thomas J. Kelly came to Shell in March as Refinery Physician and Surgeon.



Dr. Kelly is a graduate of the School of Medicine of St. Louis University. In 1932 he received his Masters Degree in Surgery and in 1938 was made a Fellow in the American College of Surgeons. He practiced in Jefferson City, Mo., until 1942 when he joined the U. S. Army Medical Corps and was commissioned as Major. He went overseas with the 96th General Hospital Unit in 1943 and later transferred to the 91st Evacuation Hospital Corps. He was in the Normandy Invasion and participated in five major battles—Normandy, Northern France, Bastogne Bulge, Central Europe and Rhineland. He was promoted to the rank of Lieutenant Colonel in 1945, returned to the states with the 5th Auxiliary Surgery Group and received his discharge in February, 1946.

Dr. Kelly is married and has two children, and at present is residing in St. Louis, but plans to move to Wood River or Alton if he can locate a home.

Research Brain Storms

By T. G. TIMBERLAKE

As the month of June rolls around the research folks have turned their activities to the great outdoors. On Saturday the eighteenth of May the Annual Research Laboratory Golf Tourney was held at the Alton Muny Golf Course. The engine side team swamped the chemists 21½ to 8½. Julian Ryan of the engine side club topped the group with the blind bogey prize. The squads composed of ten golfers from each section of the laboratory were paced by Wilson DeLong with a 96 for the eighteen holes. Bill Lewis annexed the second position with a 97 while Frank Paley and Cliff Arbuthnot were knotted for the third position with a 103 score. Additional prizes were awarded for the most pars, low medal and high medal.

In the birthday department C. E. Arbuthnot of the fuels section opened his office door on the morning of May 15 for a very pleasant surprise. "Arby" was feted with a fancy cake and assorted cup cakes bearing the requisite number of candles to commemorate his all important 40th birthday. Arbuthnot's office was all trimmed with fancy ribbons of red and yellow paper and a large sign tacked upon his desk with the words "Life Begins Today, Arby, Happy Birthday."

In our "Brain Storm" scandal sheet last time we forgot an all important father. Vern Welch was the proud dad of a baby girl on the 25th of March. Vern was a mighty proud lad passing out those smokes the following day.

Miss Violet Cisler opened a delightful phase in her life on Wednesday the 29th of May when she resigned her position as Steno and on the following Saturday became Mrs. Arlen C. Johnson. Her husband recently returned from France and the many advance plans interrupted by the war finally came true. The Laboratory presented Mrs. Johnson with a beautiful table lamp and a card signed by all the Lab gang and of course we all throw in every ounce of happiness that can be cramped into a married life for good measure.

On Saturday the 8th of June the Fourth Annual Marathonless Picnic was held at Lindendale Park in Highland, Illinois. A great afternoon was had by all with an array of softball and volleyball games. The many sporting events thrown in for added excitement included the novelty races that featured the kiddies was kept in a treasure hunt that lasted during the afternoon while the mothers and dads were trying their best to sock that softball or beat the birdie to pieces in a badminton game.

In Memoriam

It is with deep regret that we announce the death of Daniel Ede on June 10. Daniel Ede, who was formerly employed in our Valve Repair Shop and who retired on Pension August 1, 1939, was fatally injured when his automobile rolled down the driveway at his home, knocking him down, and fracturing his skull. He is survived by his wife who resides at 3102 Fernwood Avenue in Alton, and two sons.