

The SHELL Review

VOLUME 17 — NUMBER 4

WOOD RIVER, ILLINOIS

JULY, 1954

Alkylation 3 is Near Completion

Construction work on Alkylation Unit 3 is rapidly nearing completion, and departmental spokesmen said this week that plans are being made to put the plant on stream around the first of September. The unit will increase the refinery's alkylate production—the principal component of aviation gasoline.

Alkylation Unit 3 is an integrated unit, and actually supplements present Alkylation Units 1 and 2. Construction of the unit began approximately a year ago. In addition to Unit 3, extensive revisions have been made to Units 1 and 2 to make possible inter-plant operations.

Much of the equipment in Unit 3 is similar to that of plants 1 and 2. However, several additions have been made that make plant 3 unique in design.

Refrigeration is New

Perhaps one of the most novel aspects of Alky 3 is the effluent refrigeration system. In this system, reactor product from all three plants is partially vaporized in the refrigeration system. This method is more efficient than the ammonia refrigeration system now being used at plants 1 and 2.

Other modern additions include emulsion circulating pumps, some of the largest in existence. These pumps circulate one-half million barrels of emulsion per day through the reactors. Grid trays have been installed in the unit's fractionation columns, an improvement over bubble cap trays. A centrifugal compressor has been installed as part of the refrigeration system.

Training Sessions Held

For the past month, the alkylation Department has been conducting training session for shift foremen and operators who will man the unit.

Eighteen men attended a two-week course, designed to educate them in operation of unit 3. J. R. Hanahan, Alkylation technologist, conducted the sessions, with lectures also being given by R. S. Kuehne, Instrument engineer.

T. F. Leeds worked extensively on design of the unit.

Contractor for Alkylation Unit 3 was Arthur McKee and Company, Cleveland, Ohio. Project engineer in charge of construction was S. S. Braun. K. H. Trommler was in charge of revisions to units 1 and 2, and M. P. Berney was project engineer for line additions, tankage, and other off-site facilities supplementary to the unit.



MARGARET DAMS—"the scenery is so nice!" (see article below.)

Grab Your Bathing Gear

Forget the Dishes, Duds— Water Is for Swimming!

Seems as though folks just couldn't exist without water . . . Oh, it isn't the ear-washing, and the lawn-watering, and the dish-cleannin' that's so important.

It's that sport of swimming that makes the water so necessary. Without water, swimmin' just isn't the same.

Around this time of the year, people just go crazy over that swimming. They'll drive miles and miles just for the chance to get themselves all wet. The bath tub and the shower just aren't enough anymore. People got to be hoggy about it.

This might sound like exaggeration to the casual observer. But take a look at the truth and you'll find it's more fact than fantasy. Why are pools and lakes crammed to capacity during the summer months? Why do young ladies lie in the sun until they're burned to a crisp? Why, in fact, do men and women go to extreme pains just to pick the suit that's, "right for them?"

It's all because folks are just crazy over that swimmin'. That's right — the bathing suit

and the wet habitat are foremost in the minds of the American public. And the fad is finding new followers every year! How times have changed . . .

Time was when both boys and girls had only to doff their daily duds, slip into any whisp of a suit, and plow into the ole' swim hole. Today you need original, colorful, and expensive suits: a bottle of suntan lotion, a pair of sun glasses, and a tufty, terry-cloth towel.

You also need a little money. It costs anywhere from 50 cents to 5 dollars to get inside the bath house.

Don't get us wrong — we heartily conform. We feel that swimming pools and beaches aren't bad places to frequent. As one observer casually chided, "THE SCENERY IS SO NICE." And that it is. Now the scenery that goes along with that swimmin' . . .

WHOOPS!! — We almost forgot about the water!

Let's Go Swimmin'

Platformer Unit to Go On Stream Soon

Operations preparatory to the bring-up of the Platformer Unit are now in progress, and the big unit will go on stream in the near future, it was announced this week. At the present time, the plant is being tested thoroughly, and routine pre-bring-up operations are taking place.

According to R. A. Fischer, Aromatics technologist, inert gas has been circulated through the reaction system to dry out the reactors, and the unit's acid treater has been on stream for several days. Feed is being accumulated, and instrument-checking, as well as pressure-testing, is under way.

Increases Octane Number

The Platformer Unit, which will increase the octane number of the feed from approximately 40 to 85, is the largest motor fuel platformer in the Shell organization. Houston Refinery has a similar unit which processes a different product.

Platforming is a comparatively new process which raises the octane number by a catalytic process in which naphtha is passed over UOP platforming catalyst, containing a small quantity of platinum. Temperatures range to 900 degrees Fahrenheit, and pressure to 600 pounds per square inch.

The unit includes huge centrifugal compressors, which will operate at a speed of 10,500 revolutions-per-minute. The stabilization section of the plant includes a grid-tray type stabilizer column.

Gas Treater Unit

Another novel aspect of the unit is the re-cycling gas treating section. This process removes sulfides by scrubbing with caustic and water and dries the gas with diethylene glycol, in a three section column.

An extensive training program was held in conjunction with bring-up operations of the unit. The sessions were held over a three week period, and concerned 15 operators and shift foremen, plus four instrument men. The sessions were held on the unit site, and included classroom and field instruction.

The training program was somewhat novel in that problems were discussed in the classroom, and solved at the unit itself. Operators and shift foremen traced lines first on the blackboard and then on the unit. Similarly, instrument men spent many hours in the plant's control room.

R. A. Fischer was in charge of operations training, and W. Deissinger handled instrumentation. H. L. Frazel was in charge of compressor instruction.

Associated With Unit

General contractor for the Platforming Unit was Procon, Inc., Des Plaines, Illinois.

R. W. Heinze was project engineer in charge of construction.

Big Crowd Attends 1954 Barbecue

One of the most successful Service Club Barbecues in the history of the event was held Saturday, July 24 at Edwardsville's American Legion Park. Over 110 retired employees joined approximately 1500 active men to make the affair the best-attended in years.

Weather for the big event was at its best, and a cool breeze was no doubt greatly instrumental in bringing out the crowd.

Highlights of the Barbecue included attendance prizes given away every half hour, a softball game, trapshooting, a high-striker, basketball throw, cards, and plenty of delicious food and drink.

Better Than Ever

As one retired employee remarked, "The barbecue this year is better than ever, but then, it always is."

Things got under way at 10 a.m. and the lights weren't turned out until 10 p.m. Throughout the day, retired and active employees were busy greeting each other, talking over old times, and shaking hands. A few of the older fellows seemed to be content just to sit in the shade and converse—but countless others were busily engaged in card-playing, horseshoe pitching, or taking part in some of the many activities provided.

American Legion officials said that the parking lots adjacent to the park were the most crowded they had ever seen. All day long, people were saying, "This is by far the biggest crowd we have ever had."

Officers Pitch In

The large crowd was taken care of by Service Club officers and others who donated their help. At the park's "control booth," Service Clubbers Reichert, Turner, Baker, Bethards, Sparks, Roller, Hoover, List and other were constantly making announcements of the day's activities, calling out attendance prize winners, and keeping the parking lots open.

Larry Reed, St. Louis master of ceremonies and comic, entertained guests at afternoon and evening sessions. The pavilion was crammed to capacity, and the audience was receptive.

Following the afternoon's entertainment, a picture was taken of the retired employees. Copies of this picture will be mailed to them in the near future.

Our Opinions . . .

Don't Expect the Impossible

Homo Sapiens—alias Man—has been accused of having a pretty hard head. Down through the years, the human skull has absorbed quite a bit of punishment. In all walks of life, regardless of his job, a man has to look out for that structure above his shoulders.

But while the human cranium is a pretty tough cookie, it simply can't do the impossible.

That's why we wear safety hats!

A man's head was put on his shoulders for many reasons: center of the nervous system, a rendezvous for thought, and a home for headaches.

Stopping sharp blows from falling wrenches, coke, brick, and what-have-you is not one of the intended tasks for the head. This, of course, would be the impossible.

And yet, too many employees daily are asking their heads to do the impossible. They wear ball caps or a similar fedora instead of the protective headgear invented for them—the safety hat. A 15 pound brick falling on a safety hat might render a man unconscious, but it wouldn't kill him. But a heavy brick or wrench falling on a ball cap would be asking too much.

It isn't hard perhaps, for people to understand this. They realize that the safety hat is important—when the danger presents itself.

Perhaps they merely believe that the danger will **never** present itself inside the refinery. This is not logical thinking, and has led to a countless number of serious accidents. It is a possibility that danger from falling objects will never occur during the working lifetime of the majority of Shell's employees. But that possibility is really irrelevant.

For regardless if the danger presents itself or not, wearing the safety hat is important. As long as you're wearing the safety hat, you are taking protective measures to prevent accidents.

With accident prevention in mind, think of the banker. Perhaps a given bank has never been robbed. Perhaps it will never be robbed. Does that mean that the banker should leave his money unprotected? Of course not. He purchases the strongest, most fool-proof safe or vault that money can buy to protect his and other people's money.

Another Example: Picture yourself behind the wheel of a new automobile. Looking out through the windshield, you see miles of road ahead of you, acres of pasture around you. All that protects you from danger is your driving ability and the safety glass. Perhaps you may never have an accident. Does this mean you do not need safety glass? It does not. It means only that you have the advantage of modern science working in your favor. If you do have an accident, you might prevent serious injury via the safety glass in the windshield.

There may be nothing scientific about the safety hat. It's bulky, and especially uncomfortable in the summertime. But it's a nice thing to have atop that head of yours when objects fall from above.

This is not the first, nor will it be the last, piece written on behalf of the safety hat. In the oil business, we are continuously reading something about them—we know they are important.

Let's talk to those who are taking unnecessary chances by not wearing that metal safeguard. Tell them about the banker and the automobile driver. And tell them about the fellow you know who was wearing a hard hat when a wrench fell from a scaffold.

That old cranium is a nice thing to have around. Don't leave it unprotected. Don't expect the impossible. J.K.



The **SHELL** *Review*

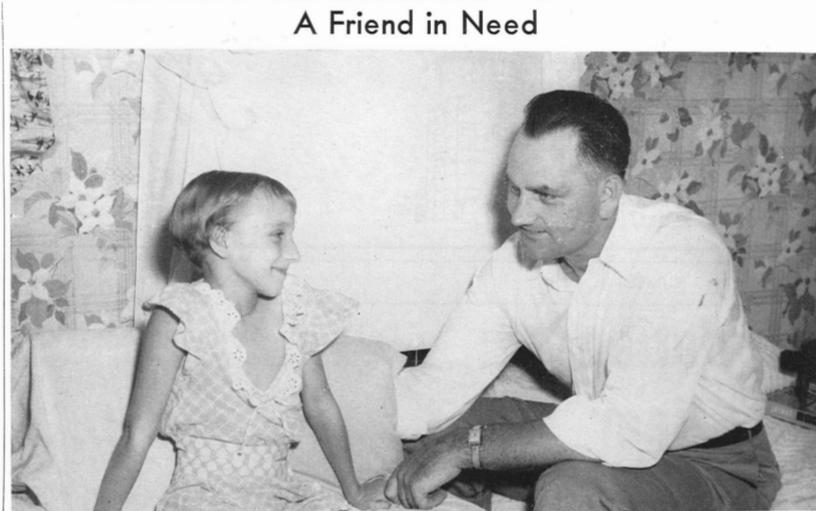
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A Friend in Need

Pipefitter Dan McGrew stops by the home of little Betty Sue Dworzynski for a visit. McGrew's quick-thinking and first-aid attention were partially responsible for saving Betty Sue's life this month. The eight year-old Hartford girl was struck by a train while riding her bicycle. McGrew reached the scene of the accident almost instantly and applied a tourniquet to the child's left leg, which was severed above the knee.

Learned First Aid in Safety Meetings

Pipefitter McGrew's Alertness Helps Save Little Girl's Life

Alertness and presence of mind, plus practical first aid ability on the part of Shell pipefitter L. E. (Dan) McGrew, were credited with helping save the life of an eight year-old Hartford girl this month. Little Betty Sue Dworzynski, daughter of Mr. and Mrs. M. E. Dworzynski, Hartford, is thankful to McGrew for the application of a tourniquet to her severed left leg.

Betty Sue was hit by a train while riding her bicycle in Hartford this month. McGrew, building a house near the scene of the accident, rushed to see what had happened. The child's left leg was severed above the knee, and she was losing blood rapidly. She was also in a serious state of shock.

Using a carpenter's pencil and his handkerchief, McGrew quickly applied a tourniquet and stopped the bleeding. He wrapped Betty Sue in a blanket and held her in his arms until the ambulance arrived. Betty Sue lost her left leg above the knee, but she is home now and apparently in good spirits.

A friend of McGrew's heard the story and related to the refinery Safety Department the story of heroism. When contacted, McGrew was only sympathetic for Betty Sue. "It's an awful tragedy," he said. "But I knew what had to be done at the time, and it seemed I was the only one around to do it." Other observers said a large crowd quickly gathered to the scene of the accident, but added that McGrew was the only one who took charge.

McGrew told the Safety Department he learned first aid in safety meetings here in the refinery.

National Council Presents Safety Award to Shell

Shell Oil Company's Manufacturing Department has been awarded certificate of merit by the National Safety Council in recognition of reduction of disabling injuries during 1953. This announcement came recently from F. S. Clulow, Manager of the department.

The combined frequency rate of Shell's five refineries was 3.21 as compared with 3.52 in 1952. The average frequency of the 19 companies competing in the national contest was 3.63.

In a letter to H. D. Dale, Refinery Manager, Clulow lauded the part played by Wood River Refinery and added, "Each employee can look with pride toward this improvement in our accident record."

At 20 degrees Fahrenheit, the energy available from an automobile battery is only about 80 per cent of what is available at 40 degrees.

TCP Now Blended in Shell Regular Gasoline

TCP, Shell-developed gasoline additive, will now be made available in Shell regular gasoline, it was announced July 28.

Car owners who customarily use regular grade gas can now look forward to a new kind of performance, never before delivered by a regular grade gasoline. Officials say the performance benefits are: an increase in power and engine smoothness, an increase in spark plug life, and an increase in mileage.

(Editor's Note: Read the yellow-and-red insert in this month's issue for more information about TCP in Shell regular.)

Tragedy and Heroism

An Editorial

Elsewhere on this page, there appears a story of tragedy and of heroism. Tragedy to Betty Sue Dworzynski, who lost her left leg in a train accident; heroism on the part of Shell pipefitter Dan McGrew for helping to save her life.

McGrew deserves recognition as a man who did what he had to do.

Saving a person's life is an act that befalls few people. Those who have the opportunity and can live up to it are the kind of men that make most of us feel very small.

We can only thank God for people like Dan McGrew, and offer our condolences and prayers for Betty Sue Dworzynski. J. K.





Candid questions

QUESTION ASKED, "WHAT IS YOUR FAVORITE VACATION SPOT, AND WHY?"



R. A. Nesler, Automotive Department, "Well, I've always been interested in fishing and hunting, so outdoor spots like the Ozarks and Kentucky Lake always have been favorites of mine. I like to hunt squirrel, pheasant, and quail. Anyplace where I can find them is a good spot."



J. H. Paine, Fire and Safety Department, "I just returned from a vacation to the West, and it was really fine. En route, I stopped in Las Vegas, mostly to see the sights. It's quite a place, and a thrill for anybody to see. Then too, I've always liked the mountains and the scenery out West."



J. D. Dodd, Engineer Inspection, "My favorite vacation spot would depend on the season of the year. In the summer, I prefer Canada, because it's cool. In the winter, you can't beat Florida, for the opposite reason. The change of climate is important to me when choosing a vacation spot."



P. R. Showalter, Automotive Department, "I've always preferred the Pacific Northwest for a vacation spot. I used to work for the Conservation Service, and spent two years out there. I particularly like Oregon around Crater Lake. That's a beautiful country, and the climate is wonderful."

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Reduces Engine Drag

New Shell Oil Can Up Gas Mileage 15 Per Cent

Fifteen per cent increases in gasoline mileage during stop-and-go driving and 25 per cent cuts in oil consumption have been achieved in passenger cars using a new multi-grade motor oil developed by Shell Oil Company, it was announced this month.

According to J. G. Jordan, vice president in charge of marketing, the new oil achieves the economies by maintaining less change in viscosity over the entire range of engine temperatures. It flows instantly at very low temperature, thus reducing engine drag and permitting more efficient use of fuel. This results in better gasoline mileage. It does not become too thin during high-speed, high-temperature operation and so gives greater protection and less oil consumption than oils with conventional viscosity-temperature change characteristics.

The new oil also reduces the formation of engine combustion chamber deposits that cause knock. By thus reducing the octane requirement of the engine, the oil in effect improves fuel performance by the equivalent of as much as five octane numbers.

Mr. Jordan said that the new product, Shell X-100 Motor Oil-Premium 10W-30, is "the first motor oil of this type to meet fully the varied and intensified needs of today's passenger car engines, which are more sensitive to combustion deposits and have critically loaded working surfaces and closely fitted parts that must be kept free of residues and rust."

The new oil, on which company scientists have been working for three years, also incorporates the outstanding anti-wear features of Shell X-100 motor oil, which Shell introduced after discovering that acid action resulting from low temperature driving — rather than friction, as is generally supposed — is the main cause of engine wear.

The Shell X-100 Motor Oil-Premium 10W-30 and all other Shell X-100 grades contain additives counter-acting acid wear, protecting engine parts from rust and — through detergent-dispersant action — giving cleaner engines by keeping deposit-forming materials in suspension in the oil.

Memorable Events Occur in August

August 5, 1945 — First atom bomb used in warfare dropped on Hiroshima, Japan by U. S. superfortress.

August 14, 1945 — Japan surrendered, ending World War II.

August 26, 1920 — Nineteenth Amendment to Constitution became effective, giving women the vote.

August 27, 1859 — First oil well began flowing in Titusville, Pa., beginning U. S. Oil industry.

August 31, 1886 — Charleston, S. C. earthquake, most disastrous known east of Mississippi River.

Success

Survey of 1,000 successful men, not just money-makers but ones who have made the world better by their work, showed that 300 started life as farmer's sons, 200 sold or carried newspapers; 200 started as messenger boys; 100 as printers' apprentices; 100 started working in factories; 50 began at the bottom in railroad work.

Only 50 out of the 1,000 had well-to-do parents to give them a start.

SHELL REVIEW

Presenting . . .



MRS. BEVERLY REID, mail girl in Main Office . . . one of Shell's newest Mrs. . . . married only four months . . . husband is Ron Reid . . . born in Vandalia, Ill. . . . now lives in East Alton . . . a Shell girl for 14 months . . . hobby is quite domestic—cooking . . . favorite past-times are playing cards, watching softball games and dancing . . . having own home someday is Bev's version of secret ambition.



MISS VIRGINIA EWEN, switchboard operator . . . 21-year-old Shell girl has been with the company two-and-a-half years . . . daughter of Mr. and Mrs. C. M. Ewen, East Alton . . . graduate of Wood River high school . . . favorite sport is swimming . . . also enjoys classical and popular music . . . has no "secret" ambition . . . that smile is genuine . . . Ginny's happy and contented.

Effective July 16

Four Aromatics Operators Named Shift Foremen

Four Aromatics Department operators were promoted to shift foremen, effective July 16, it was announced this month by J. B. St. Clair, Aromatics Department Manager.

They are W. A. Nichols, L. W. Crull, M. U. Young, and A. W. Habbe.

As shift foremen, the four veteran Shell employees are assigned to the department's Platfromer Unit, which went on stream this month.

The new foremen have handled similar assignments during their Shell careers. All have served in Lube and Aromatics Departments, and all are veterans of operations assignments.

DID YOU KNOW?



That 29 cents out of every dollar you pay for an automobile goes for taxes.

* * *

That it takes 10 quarts of milk on average to make one pound of butter.

* * *

Recent survey shows that it takes the average American housewife twice as long to do her shopping today as it did in 1940. (And it's getting worse every day!)

* * *

Four out of every five adults in the U. S. today play cards — more women than men. Five major companies turn out 75,000,000 decks of cards a year, and it's a \$50,000,000 business. (How come a guy can't ever get that card he needs for a straight?)

* * *

That people of the world speak more than 1,000 separate languages or dialects.

* * *

That the average house in the United States is 29 years old.

Sam Hill

Almost everyone has, at one time or the other, heard the expression, "What the Sam Hill . . . ?" Did you ever wonder, "just who is Sam Hill?"

Turns out that it all began years and years ago in the little town of Guilford, Conn., and that the expression originally was, "He works like Sam Hill."

Sam Hill was a real person. He took pride and pleasure in doing a lot of good work as a hat maker — while at the same time laboring diligently for the good of his community as town clerk, magistrate and member of the General Assembly.



"I tried to explain to her why shorts shouldn't be worn to work. But the more I talked, the more confused I got!"

Mermaid Maggie



Margaret Dams, Research Lab steno and this month's cover girl, is one bathing beauty who isn't afraid of the water — swimming is one of Maggie's favorite sports. She just returned from a two-week vacation in Biloxi, Miss. Margaret and three other working girls really enjoyed themselves in the South. While there, they did plenty of swimming. Above, Margaret stops for a smile near a pool in Biloxi.

Takes Pictures A'Plenty

Labor Foreman Turner Appreciates His Vacations

R. L. (Jack) Turner, Shell Labor Foreman, has taken some mighty fine vacation trips in his time. A man who enjoys traveling, Jack also enjoys taking pictures of the locales he and his wife visit.

This year, Mr. and Mrs. Turner took a 5000-mile jaunt to California. In enjoying scenic views en route. In California, they spent several days in Hollywood, visiting radio shows, taking drives through Beverly Hills, and visiting movie sets.

They met several movie stars, and even talked to Hollywood columnist Hedda Hopper in a grocery store. They talked to

cowboy star Jimmy Davis, and took pictures of him.

But Jack says he and his wife enjoyed most the beautiful mountain scenery, and their drives through the Painted Desert and Petrified Forest. And, as always, the Turners brought back dozens of pictures for the scrapbook, as well as colored slides for lasting memory of another grand vacation trip.

Calm, Cool, and Collected



Jack took both black-and-white and colored pictures of Yosemite Falls in Yosemite Park, California. Residents of the area told Jack that had he been a week later in his visit, the water could not be seen from the road. During July and August, there are no "Falls."

Training Sessions Held For New Unit Schooling

Training is proving to be an important factor in the bring-up of the refinery's new units. This past month, extensive programs were held by the Alkylation and Aromatics departments, in preparation for on-stream operations of Alkylation Unit 3 and the Platformer.

Both departments last month conducted training sessions for operators, shift foremen, instrument men, and others associated with the new units. Alkylation held two-week sessions for 18 men, and 15 others attended the Platformer training program.

Alkylation sessions were conducted by J. R. Hanahan, with lectures also being given by R. S. Kuehne, instrument engineer. The sessions were held in the Training Building, with approximately 50 per cent of the time being spent on the site location.

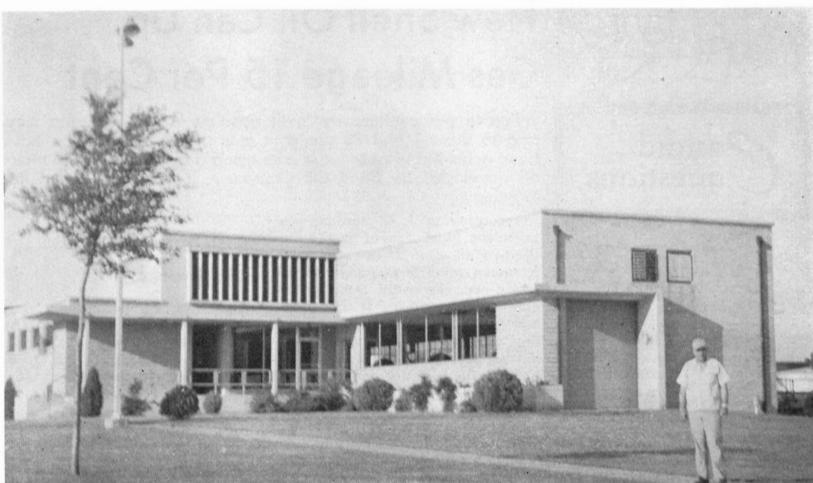
The Platformer sessions took place at the unit itself, and were conducted by R. A. Fischer. W. Deissenger and H. L. Franzel also aided in the program. Deissenger handled instrument instruction, and Franzel discussed compressors.

The training programs were designed to acquaint the new men with operation of the units, as well as giving them important practical information.



"On the other hand, what's the very worst that can happen?"

Where the Crude Journey Starts



Here Jack poses in front of Shell Pipe Line's Cushing, Oklahoma office. This is the spot where Wood River refinery crude starts its trip to the storage tanks in Southwest Property. Jack also visited Wilmington Refinery in California, and visited several old friends.

Refinery Nears Mark of Million Accident-Free Hours

Refinery safety officials are asking employees to double-check everything these days. They're asking that those safety hats be worn at all times; that acid hoods be donned when opening chemical equipment, and that every possible safety precaution be taken.

The reason? A new safety record!

Other than urging employees to practice general safety at all times, the department is doing its best to help employees pass the million hour mark without a disabling injury. As of July 23, the refinery had gone 622,950 man-hours—or 30 days—without an employee suffering a disabling injury.

On the basis of past records, safety officials said it will require 49 days of accident-free hours to compile a million man-hours of work.



The refinery hasn't had a million accident-free hours since 1952, when the last record was established. Refinery personnel at that time went 2,493,901 man-hours without a disabling injury.

"A record won't be attained without diligent safety practice on the part of all employees," said a safety department spokesman this week. "On the other hand, if everyone takes care of himself, and takes safety precautions so as not to involve others, we will hit a million," he added.

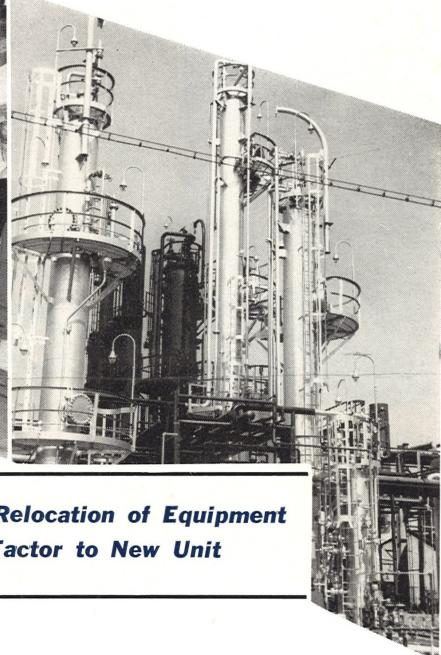
The new slogan around the refinery is, "Let's make it a million!"

Let's Keep it Going



Safety man "Barney" Cole checks the Safety bulletin board, which is an item of increasing interest these days. As of July 23, the bulletin board read 30 days without a disabling injury, or 622,950 man hours. Slogan around the refinery now is "Let's Make it a Million!"

The K3 PO₄ TREATER



The Novel Gas Department Unit Was Born and Built Through the Efforts of Shell Employees!

LEFT, Pipefitting work on the unit was extensive - here the boys are putting on the finishing touches. Left to right are, C. O. Shirley, W. Heraty, and G. J. Kennikin.

CENTER, Craft foremen on the job check blueprints together. Left to right are, A. Hartley, Labor; G. Mateer, Pipe; J. R. Spahr, Labor; V. V. (Red) Alexander, Pipe; W. W. Culp, Paint; W. C. Redd, Electrical; L. R. Cox, Boilermaker, and F. T. Radecke, Project Engineer. Craft foremen not pictured are, O. J. Abernathy, Electrical; H. Barnett, Carpenter, and E. E. Parjanie, Boilermaker.

RIGHT, a view of the K3 PO₄ Treater, looking from the east side toward the west. Erection of vessels was handled by Shell craftsmen; as some of the boys opined, "Those are good-sized vessels, and it was quite a job."

Site Clearance, Relocation of Equipment Was Important Factor to New Unit

Unit Performs Job Of Treating Propane

It's not the biggest unit in the refinery. Neither is it the smallest. It's just an averaged-sized plant that will go on stream early in August. But the K3 PO₄ treater in the Gas Department will perform a major job, even though compared to many plants it covers but a small area and processes a relatively small quantity of hydrocarbon.

It's a novel unit, the K3. For it is one of the few refinery plants that was Shell-patented, Shell-developed, and Shell-built. While the vessels of the unit were contracted, erection was handled by Shell men.

The Gas Department has had a phosphate treater for approximately eight years. The erection of the new unit was necessary to increase propane treating capacity as part of the over-all refinery expansion program. The extraction process, which is regenerable since the spent phosphate can be re-used

after stripping out the hydrogen sulfide with steam, is more economical than caustic scrubbing. Scrubbing is an alternate method of treating.

An Efficient Method

Removing 90 to 95 per cent of the hydrogen sulfide, the extraction process is efficient indeed. The remaining percentage of sulfide is removed by caustic scrubbing.

The extraction process takes place by means of treating with tripotassium phosphate solution. In this manner, hydrogen sulfide (H₂S) is removed from the catalytically-cracked propane from the Rectified Absorber Unit. The propane is in this manner prepared for processing at the C3 Polymerization Plant and Alkylation Units 1, 2, and 3.

Although vessel fabrication and unit design were contracted to outside firms, the vessel erection, piping and equipment installation were handled completely by Shell craftsmen and engineers.

Among the other necessary steps in construction of the unit were site clearance, relocation of existing equipment and underground lines, and installation of new lines, instruments, and minor equipment.

All Crafts Involved

Many Craftsmen played an important part in the construction of the new unit. Practically all crafts were involved in the combined effort that now gives the Gas Department increased extraction capacity.

Engineer in charge of construction of the unit was F. T. Radecke. Gas Department people concerned directly with the treater include D. C. McCormack, technologist, and E. H. Fiegenbaum, operating day foreman.

And so, when the treater goes on stream this month, to many Shell men it will be more than just another unit going into operation. It will be to them a unique accomplishment—an important addition to refinery operations that was born and built through the efforts of Shell men.

Induction ~ Good Manners First!

Shell Makes Friends with New Employees. And Induction Means

**More Than Punching a Time Clock—It's a Concentrated Effort
to Give the Employee a Good Look at the Company.**

YEARS ago, before the stock market crash, and even in the post depression days, a man looking for work was lucky if he got to fill out an application blank. Men hunting for jobs were often told, "Sorry, nothing today," and that was it. Several firms even dropped the "sorry" in replying negatively. When a man did get a job, he was informed of his job site, given a time card, and sent out to work.

Throughout America today, those days are gone forever. For today, the induction and indoctrination of new employees is one of the more concentrated human relations efforts in the business world.

So it is with Shell at Wood River Refinery.

Screening Is Constant

In the refining business, every effort is made to avoid "boom and bust" periods during which time large groups of employees are hired and laid off. And so, the screening of employee applications, testing of new men, and induction procedures are constantly taking place on a grueling, yet continuous, basis.

This month, Elmer D'AlPozzo, a young married man with a family, was hired by the company. To Elmer and others like him, it was time to work for Shell. The firm, to them, is a means of opportunity, good pay, safe working conditions, and security. Security for himself and his family—Shirley, his wife, and Mark, his 10-month-old son.

Elmer thought about Shell Oil Company for quite some time. Being a resident of this area, he was conscious of the

company's reputation. A lot of his friends had good jobs with the company. So he filled out an application blank.

After his application was screened, Elmer was called in for an interview. He was given a test to determine his mechanical aptitude for employment in operations.

When Elmer was called in for a physical examination, he was in good spirits. He passed the exam, and was hired by the company.

But that wasn't the end. It was only the beginning of the refinery induction procedure.

Elmer Gets the Facts

After he was told he had been selected for a position in operations, Elmer was schooled in the why's and how's of the company. He filled out employment papers, had his picture taken, and was issued a time card.

Long discussions at the employment desk informed him of company benefits, rules and regulations, and company policy. He found out more about Shell's Pension Plan and the Provident Fund, two highly-important aspects of company benefits.

He asked questions, and they were answered. He quickly received an insight into what it meant to work for Shell.

He was issued a clock number and a locker in the wash house. He received his badge number 8111.

Lecture on Rules

Later that morning, Elmer received a lecture from a refinery safety man. The rules and regulations regarding safety in the

plant were discussed thoroughly. Again, any questions that came to his mind were answered and explained.

The Training Division of Personnel and Industrial Relations then took Elmer and Shirley on a tour of the Shell Oil Company refinery. He learned more about the organization, the company and how it operates world-wide. He discovered that Wood River Refinery is but a part of a huge oil metropolis. Several day figures told him that he likes thousands of others, was important to the smooth operation of the business.

Then came a plant tour introduction to the department manager, and Elmer was ready to go to work on the Toluene unit in the Aromatic Department.

All the information he had received was part of a calculated plan to acquaint him quickly but thoroughly, with Shell Oil Company and Wood River refinery.

A Good Look at Shell

Later in the evening, Elmer and Shirley looked over the pamphlets used him at Personnel and Industrial Relations. He became a little better acquainted with the scope and importance of his organization of which he was now a member.

But long after he forgets the date he was hired, he'll remember the people who talked to him that first day, what they said, and what they did. The company's indoctrination program had given him a look into the future, and idea of what to expect.

Elmer D'AlPozzo had been hired by Shell Oil Company. Now, it was time to get up to speed.



O. A. Kleinert, a veteran personnel man, greets Elmer with a smile and a requested application. This was Elmer's first stop at Shell.



Elmer was hired. Elmer (above) had his picture taken. He is shown here in his uniform. This is part of the regular induction program. All employees' pictures and files are part of their official file.



RIGHT: Elmer and E. R. Hale, a chemical engineer, hired the same day, are briefed on safety rules by E. S. (Gene) Quillen. This is one of the many important aspects of the indoctrination program. All employees, staff and hourly, receive safety orientation coming to work for the company.



RIGHT: Elmer looks at a map of the refinery. Here, he gets an idea of the general flow of oil in the refinery, from the time it comes in as crude to the time it is shipped out.



BELOW: C. A. Davidson, Training Supervisor, takes Elmer on a plant tour along with J. W. Ford, Training Assistant. Davidson explains to the new employee the functions of various units in the refinery. Elmer answers questions, gives general information.



Elmer meets the boss! J. B. St. Clair, Department Manager, Aromatics, welcomes the new employee to the department. C. A. Davidson center, handled the introduction.



Information About the

ARCHITECTS: Giffels and Vallet, Detroit, Michigan

MAINTENANCE SHOPS BUILDING



Looking east, steel structure for the new Maintenance Shops building appears to be almost complete. The new building will resemble Stores in architecture, will be only 30 feet high. The Instrument Shop and offices will make up the southwest corner of the building in the foreground.



Ray Cadmus, left, superintendent for contractor J. J. Altman, and P. J. Hennekes, Shell project engineer, survey progress charts in the contractor's hut. Expected occupancy date for the Shops building has been set at April 1, 1955.

Craftsmen to Have More Room, Additional Tools

CONSTRUCTION on the Maintenance Shops Building is progressing, and expected completion date has been set at April 1, according to P. J. Hennekes, project engineer in charge of construction. The building that is to replace the present Machine Shop, as well as house Instrument men, Electricians, and Valve Repairmen, will be a brick structure corresponding in architectural design to the Stores building.

Located just north of Stores, the Shops will also include tool room and field administrative offices.

Modern Design

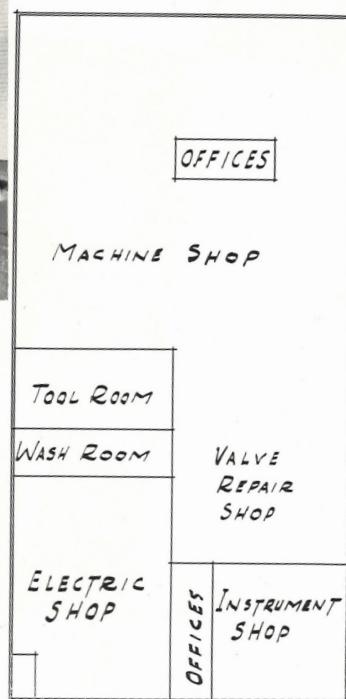
The building construction will be Portland cement concrete floor, brick wainscoating, aluminum windows and corrugated transite above windows. The structure will be 30 feet high.

Lighting will be by combination mercury vapor-incandescent lamps in the shops and fluorescent in the offices. The level of illumination will be greater than that in existing shops.

More Working Space

Affording each craftsman more working space, the new shops will give each man an average of 580 square feet of working area. The Machinists working area, for instance, will be increased from 10,976 existing space to 17,976 in the new building. Similar increases will be provided for each craft.

Several new machines will be installed in the shop, making repair work quicker and more efficient. The layout of the shop interior will lend itself to use of many types of material-handling equipment.



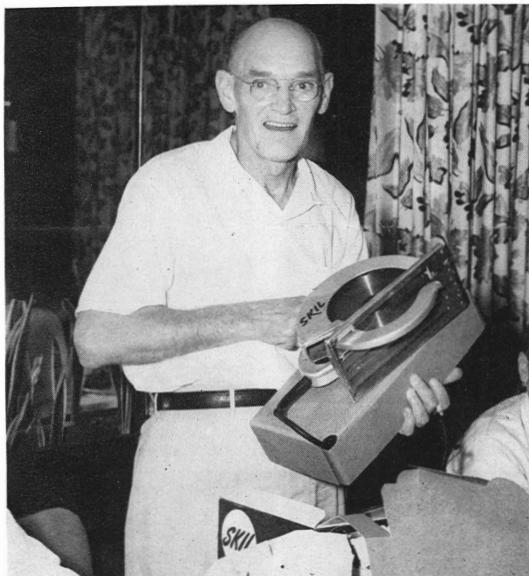
AT RIGHT, a scale drawing of the interior of the shops building depicts the floor plan. Most of the space will be devoted to the Machine Shop, with additional space being afforded to the Electricians, Valve Repairmen, and Instrument Men. There will also be ample office space in the building, in addition to Tool and Wash rooms.

Cardon Engineer



N. W. Kerrison, right, safety engineer at Shell's Cardon Refinery, South America, visited the refinery recently to become acquainted with Wood River's safety program. With Kerrison is E. S. (Gene) Quillen, Wood River safety man.

A Gift for George!



G. C. Rieken, retiring shift foreman, Boiler House 2, was honored at a banquet last month at Skagg's Steak House. George was presented with a portable "skil" saw, among other gifts. But it was the saw that really brought a smile.

Thirty-Year Men Honored



Three 30-year employees were honored at the monthly banquet last month. Left to right are, front row, E. M. Black, Dispatching; H. D. Dale, Refinery Manager, and G. A. Herndon, Cracking. Back row, V. W. Parker, Assistant Superintendent; D. M. Benner, Dispatching Foreman; G. C. Walker, Department Manager, Thermal Cracking; P. B. Stewart, Assistant Department Manager, Thermal Cracking, and P. E. Malson, Department Manager, Dispatching.

Retiring Employees Honored



Two employees were honored June 30 at the monthly retirement banquet, G. C. Rieken and H. J. Seeger. Left to right are, C. C. Little, General Foreman, Laborer; A. Collins, Assistant Chief Engineer - Field; Seeger; Rieken; C. C. Hall, Utilities; H. D. Dale, Refinery Manager, and A. E. Pritchard, Assistant Department Manager, Utilities.

Four Veteran Employees Retire



S. T. (Shorty) Lane retired June 1 after 23 years with the company. For the past 20 years, Lane was maintenance man at the Control Laboratory. As such, he was in charge of the upkeep of all lab equipment.

He originally joined Shell as an electrician in 1931, but after three years was transferred to the laboratory position.

Born at McLeansboro, Ill., Lane started in the electrician trade at the age of 15. He moved to Alton in 1930, and married the former Willene Williams of Nashville, Tenn., in 1931.

Lane is the father of eight children, six of whom are now married. Two of the children still reside with the family. They are Maribelle, 22, and Sam, 16, who just completed his sophomore year at Alton high school.

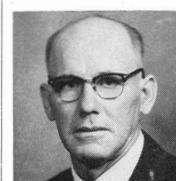
At Shell, Lane was active in the Service Club and Recreation Association.



G. C. Rieken retired just two months short of his 30th anniversary with the company. Rieken began work for Shell in 1924 as a laborer. Shortly after he joined the company, Rieken was transferred to Boiler House 2, where he spent his entire career in operations. For 17 years, he served as shift foreman there.

Born in Mt. Olive, Rieken worked for five years in the coal mines there before moving to New Mexico, where he homesteaded. He moved to East Alton five years later, and went to work for Western Cartridge Co. for four years before joining Shell.

Rieken has been active in civic affairs in East Alton. He was a member of the school board for 21 years. For 18 years, he was secretary of the organization. He was also one of the organizers and the first president of the East Alton volunteer fire department.



H. J. Seeger spent 29 years, 6 months with Shell in the Labor Department. For the past 15 years, he has worked in North Property.

Seeger was born on a farm near Creve Coeur, Missouri. His family later moved to Prairetown, and he spent several years there farming.

He spent a year with the armed forces during World War I, serving overseas with the 32nd Infantry Battalion in France. He saw action in several of the major battles of the France campaign.

Seeger came to work for Shell in 1924. He was a member of the Service Club here.

Ken Says, 'Goodbye'



K. A. Burge was the recipient of a farewell party early in July. Burge joined the Technological Department at Head Office, New York July 12. Looking over the luggage Burge received as one of many gifts are, left to right, R. S. MacDuff, A. C. Hogge, Chief Technologist, Burge, H. E. Walker, Assistant Chief Technologist, and H. D. Dale, Refinery Manager.

July Service Anniversaries



30 YEARS
E. M. Black
Dispatching



30 YEARS
H. D. Dale
Refinery Manager



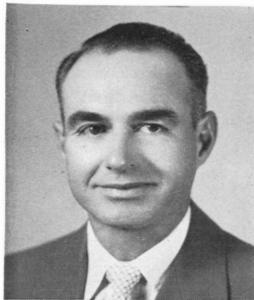
25 YEARS
G. N. Andrews
Department Manager
Utilities



25 YEARS
C. F. Brown
Lube D and D



25 YEARS
J. P. Domanowski
Cracking



25 YEARS
D. B. Gardner
Cracking



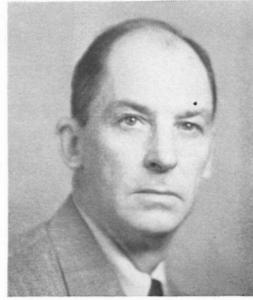
25 YEARS
H. E. Haunbaum
Shipping



25 YEARS
R. M. Horrocks
Treasury



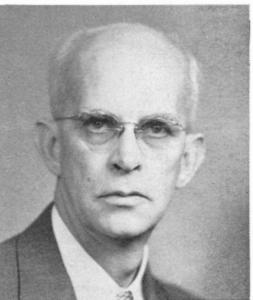
25 YEARS
R. R. Moore
Pipe



25 YEARS
C. A. Prather
Treating



25 YEARS
J. Thomson
Cooling Water



25 YEARS
R. M. Wandling
Eng. Office



20 YEARS
O. M. Alexandrescu
Tech. Dept.



20 YEARS
R. L. Waters
Treating



20 YEARS
C. J. Wenger
Eng. Office



15 YEARS
I. P. Bonds
Pipe



15 YEARS
G. M. Buxton
Pipe



15 YEARS
W. K. Camp
Labor



15 YEARS
C. H. Determan
Pipe



15 YEARS
H. C. Dreon
Pipe



15 YEARS
J. F. Ellis
Salvage



15 YEARS
A. A. Englar
Pipe



15 YEARS
C. E. Hilt
Valve Repair



15 YEARS
E. W. Hindman
Boilermaker



15 YEARS
J. Hozian
Pipe



15 YEARS
E. J. Kadletz
Valve Repair



15 YEARS
C. A. Kovarik
Automotive



15 YEARS
T. R. Miller
Valve Repair



15 YEARS
R. A. Nesler
Automotive



15 YEARS
K. E. Schumacher
Eng. Inspection



15 YEARS
H. R. Stropes
Pipe



15 YEARS
D. B. Tomlinson
Compounding



15 YEARS
R. L. (Jack)
Turner
Labor Foreman



15 YEARS
G. F. Waffensmith
Pipe



15 YEARS
L. R. Wagner
Boilermaker

10 YEAR ANNIVERSARY

D. L. Ballentine
Boiler House

W. H. Helfer
Cracking

H. R. King
Alkylation

F. A. Poole
Lube D & D

D. G. Skinner
Automotive

I. O. Baumgart
Exp. Lab.

H. C. Herbstritt
Electricians

F. E. List
Per. & Ind. Relations

H. D. Pulliam
Boiler House

R. H. Solomon
Cooling Water

E. F. Cox
Automotive

J. D. Howorth
Boilermaker

J. Luketich
Research

H. E. Redenbarger
Tool Room

J. R. Sullivan
Boiler House

R. A. Grace
Automotive

P. L. Jones
Machinist

C. L. McAtee
Machinists

S. L. Riemer
Control Lab.

L. E. Walker
Paint

L. H. Hayes
Compounding

S. W. Jurish
Dispatching

E. A. Nolan
Labor

A. B. Simpson
Labor

L. C. Westcott
Research

J. M. Wilhite Jr.
Boiler House

ENGINEERING PICNIC



Engineers Say 'Shell Belles' Are Born Entertainers!

An existing theatrical belief that has been registered many times has it that most women are vain and, at least at heart, born entertainers. The form of entertainment might be anything from a good cry to a high dive into a wet sponge. But it's entertainment.



Shell's Engineering stenos proved definitely that they are of the entertaining clan at the Engineers' Picnic June 26 at Highland's Lindendale Park.

Via rigid practice, skillful lyric-writing, and acrobatic antics, the Engineering girls presented a program that had 'em rollin' in the aisles.

Engineers couldn't believe their eyes—quiet, demure damsels who cavorts so conscientiously behind the typewriter all day?" they asked themselves. They scratched their heads in amazement as they further questioned, "Why, is that, yes, I believe it is . . ."

Stenos Mary Hentz, Norma Jean Yowell, Ruth Bekemeyer, and Jean Radovitch did the "Can Can", or "Can't Can't." Blond Jan Bergfeld acted as mistress of ceremonies, and Lynette Spudich and Doris Jilek modeled ancient bathing suits as they endured loud guffaws.

C. C. Wuth, Chief Engineer, accompanied the girls at the piano. Wuth came attired in Liberace fashion, complete with candles and wig.

There were also several vocal numbers, a fashion show, and a cleverly-written script. The girls also threw in a few slapstick skits—dogs barking, grimy-groomed girls dubbing as model stenos, and spoken excerpts from the ever-present soap operas.

The lengthy presentation was not accomplished without patience and practice on the part of the women. They worked for several weeks prior to the event, practicing during the noon hour and after work.

But when it was all over, everyone seemed to agree that the Engineering stenos were versatile entertainers indeed.

A few samples of their day's work:

Typical song: (to the tune of "Glow Worm.")

We are girls of Engineering—We take a lot of office-leering—So we thought we'd do a dance now—You can whistle while we prance now—This is so get an eyeful—Please don't think that we're not shy for—When Monday comes and we see you—Modesty will come shining through!"

Another ditty: (to, "Can't Help Loving That Man of Mine.")

"Letters must be typed, filing must be done—We're always here to join in the fun—We are crazy mixed-up Shell Belles—We love our jobs, our bosses,

and our pay—We'd like to do our best job every day—We are crazy mixed-up Shell Belles—Oh! We like it here—And we think you're dear—We'd like it so much better—If your gripes we did not hear—We lug your coffee, your gum and donuts too—When we get back, another job to do—But we still think you're great, cause we're Shell Belles.

A few excerpts from the skit:

... "This is station S-H-E-L-L presenting a program especially for the engineer of Today! Any resemblance between our show and Channel 5 is purely intentional, and in some cases fictional names will be used to protect the innocent. Before we begin our program, a word from our sponsor . . ."

... "An Engineer of today is completely lost without the aid of our complete line of precision tools. To start, on top of our list is our new 1954 leveling rod. The rod will level anything within 25 yards. Another item that an engineer would be lost without is our compass, guaranteed to point North, and only North, at all times . . ."

... And now a few words from Pedda Lopper, famous columnist and news analyst. . . "Hello all you dolls. It's so nice to see so many smiling faces here at the Engineering Picnic. We hope you are having a fine time. And now to our news quickies."

"We heard that two engineers came out here at night to survey, but were stumped when the North Star hid behind the new Platformer Flare."

"Tim Swell informed us that the Vacuum Flasher mixed a dandy batch of martinis Friday, June 4."

"Listen again next week when one of the items will be a review on the book, 'I Fed Three Wives,' by Jack B. Rabbit."

The entire script was cleverly written, most of it by stenos Mary Hentz, Norma Bedwell, Betty Snodgrass, and Jan Bergfeld.

Describing the working girl of today, the girls emitted, "Engineers, do you need a new style stenographer? Are you unhappy with the idiosyncrasies of the old bat that sits at a desk outside your office? Send her to Hans Rober Howers' School of Modeling where she will learn to walk, talk, run, type, take shorthand, read, file and the ABC's."

... Our school has a very good reputation as far as turning out girls of good appearance, possessing grace and poise."

This ridiculous riddle, was, of course, topped off by an atrociously-attired woman slinking her way across the stage, to the tune of, "A pretty girl is like a melody."

Although the Variety Show headed the list of entertainment, it was by no means the only recreational activity on schedule. The committee also formulated children's games, and contests for the oldsters. Included were softball, nail driving, potato races, and swimming.

Most of these activities were limited due to the extreme heat which persisted. Around 4 p.m., it was 104 degrees. In fact, several engineers agreed that the weather was almost as hot as the floor show.

The girls, in fact, took the weather into consideration in writing the script. As the announcer sounded, "Are you warm? Well, here's a scene that will cool you off . . ." Several stenos entered, wearing bathing suits of pre- Annette Kellerman days. Of course, the announcer called them, "Internationally famous, the scanty sensations of the century, the diminutive Bikini . . ."

You get the idea. Puns, slapstick, ironic infarances, and just plain jokes. Add to this a couple dozen of the "girls from engineering" and the sum total is the widest assortment of belly laughs you ever heard.

Guess the girls pretty well summed up their day's performance when they said "Just a bunch of crazy mixed-up Shell Belles."



Shell Review...

SPORTS

Spirited Action in Kids' Softball

Panthers Pulverize 'em All In Winning Three Straight

Manager Nick Corda's Panthers are currently the hottest team in the Kids' Softball League. During July, the Panthers burned up the loop with three wins against no losses. Their hitting has improved, their fielding progressed, and their base-running has been the most daring in the league. The Panthers now stand 4-2 and are tied for first place with the consistent Colts.

During July, the Panthers clawed the Lions, 19-2, the Colts, 18-1, and the Rams, 18-12. With a month remaining on the schedule, they are definitely the team to beat, provided they keep up their present pace.

ACTION A'PLENTY

Other Kids' teams have not been idle, however. Games still feature plenty of hitting and excitement. The Lions scored 25 runs July 9 in whipping the Rams, 25-11. The Lions, who now own three wins against three losses, slapped out 26 hits to the Rams' 13. Three Lions registered four hits apiece — Chandler, Crause, and Durham.

In other top games, the Colts won a wide-open affair from the Lions, 21-20 July 16. Trailing 20-19 going into the last of the seventh, the Colts retained a tie for first place by coming through with two runs in the bottom of the frame. Gary Howe paced the Colts at the plate with four-for-four. He also scored three runs and starred afield.

LIONS REAL HITTERS

The Lions have most of the top hitters in the league. They are the only team to boast of five men still hitting over .600. John Chandler of

the Lions is the league's top slugger with 14 hits in 16 jaunts to the plate for a torrid .875 average. Gus Hayes of the Rams is the second top hitter with .750. Hayes has garnered 3 hits in 4 times at bat. Third high man is Bill Moorman of the Panthers with .724. Bill has 13-for-18.

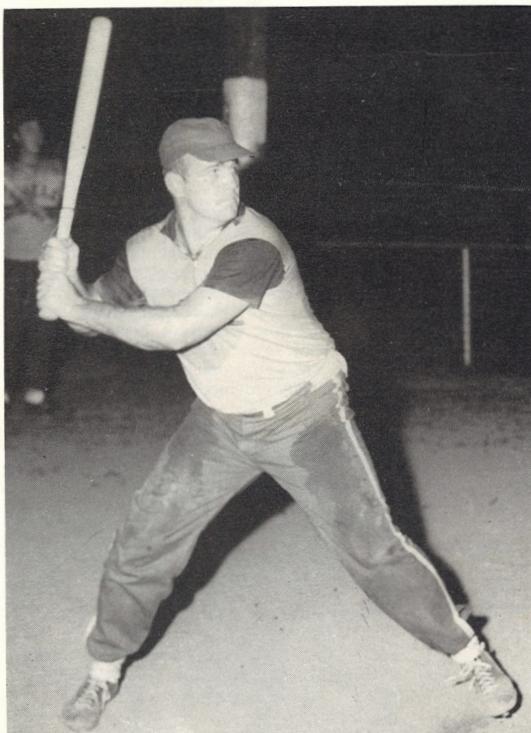
TOP HITTERS

	AB	H	Pct.
Neal Carter	2 2	1.000	
Larry Leamy	13 9	.692	
Berry Fry	20 13	.650	
Jim Reynolds	12 7	.583	
Pat Hamm	17 10	.588	
Mike Jordan	19 11	.580	

	AB	H	Pct.
Gus Hayes	4 3	.750	
Bob Stewart	6 4	.666	
Gerald Ray	2 1	.500	
Hal Hampton	2 1	.500	
Jim Laatsch	9 4	.500	
Curt Worthy	7 3	.428	

	AB	H	Pct.
Bill Moorman	18 13	.724	
Don Martin	9 6	.668	
Bob Nelson	15 10	.666	
Dick Ayres	9 5	.555	
Clint Phalen, Jr.	8 4	.500	
Bob Price	11 5	.455	

There She Goes!



Bill Davenport, Shell's Industrial League softball slugger, gets set to give the ball a ride. Bill slammed out three hits in Shell's 15-5 win over Alton Box this month.

Pause Before the Drive



Industrial golf team number 2 paused for a brief moment before teeing off in a recent link session. Left to right are Gus Fultz, Dave Patton, Lou Purdy, and Ray Waugh. Industrial golf has been going strong during the summer months, and will wind up activities in August.

Defending Champs Going Great

Shell Nine Looks Like Team To Beat in Industrial Ball

As Industrial League softball play rolls into its final month, Shell's powerful diamond crew looks like the team to beat. With a record of six wins against one loss, the Shell boys appear almost a cinch to repeat as league champs. They kept their winning streak intact July 12 with another lop-sided win over Alton Box, 15-5.

As usual, plenty of hitting featured the Shell team's victory. They slammed out 23 hits, including homers by Shields, Booher, Price, and Zumwalt. Kenny Zumwalt fatigued up his batting average with five hits in five trips, and four other Shell men had three hits each. Price, Booher, Davenport, and Tucker each had three safeties.

Meanwhile, Weaver, Shell's hurler limited the Boxboard boys to seven hits. Alton managed a small scoring spurge in the final frame, but hardly enough to overcome Shell's big lead.

After a light schedule during July, Shell will move back into heavy action during August, the month that will tell the story and crown the champs!

Box score of July 12 game:

SHELL (15)	AB	R	H
Booher	4 4	3	
Cunningham	5 0	2	
Davenport	5 2	3	
Shields	5 3	2	
Zumwalt	5 3	5	
Tucker	5 0	3	
Schneider	5 0	2	
Weaver	5 0	0	
Totals	55	15	23

ALTON BOX (5)	AB	R	H
Warren	3 0	0	
Hughes	5 0	0	
Viera	4 0	0	
Kassing	4 2	3	
Gibbons	2 0	0	
Woods	1 0	0	
Hester	3 0	0	
Robbins	3 2	2	
Holladay	3 1	1	
Edwards	1 0	1	
Totals	29	5	7

Treasury, Dispatching, Research

Plant Softball League is Now Three Team Battle

The Treasury Department continues to pace all teams in Plant League softball play with an outstanding record of 10 wins against 2 losses. Dispatching has been coming strong, however, and is only a half game behind at 9-2. The Research Lab is holding on to a strong third with 8-3. From there, it looks strictly like also-rans.



In fourth place, but five full games behind the league-leaders are the Pipefitters, followed by the

Engineering Office, Distilling, and the Tech Department, in that order.

Treasury's most recent triumph came July 22, when they topped Distilling, 6-4, in a well-played ball game. They also won three other games during July trouncing the Tech nine, 22-6, the Engineering Office, 7-3, and the Tech boys again, 20-2.

Distilling scored the most runs of the month in a single game when they trampled over the Tech Department, 27-12, July 8. Tech has yet to win a game while losing 11 straight.

The second place Dispatchers also had a perfect record during July with four straight wins. Their closest squeeze came July 15 against the Pipefitters, 11-10.

Standings (as of July 22)	Won	Lost
Treasury	10	2
Dispatching	9	2
Research Lab	8	3
Pipefitters	5	7
Engineering Office	4	7
Distilling	4	8
Tech Department	0	11

SRA Calendar For July

MONDAY: Duplicate Bridge, Cafeteria, 7:30 p.m.
Industrial Softball, Kendall Hill, 6:15 p.m.
Not-So-Good Softball, Kendall Hill, 8:15 p.m.

TUESDAY AND THURSDAY: Plant League Softball, Kendall Hill, 6:15 p.m.-8:15 p.m.

FRIDAY: Kids' Softball League, Kendall Hill, 6:00 p.m.-8:00 p.m.