

Refinery prepares for Family Day '74

The date is firm. Plans and commitments are being made, exhibits are being constructed, food ordered, and sprucing up is under way.

Family Day will be held at the refinery Saturday, September 21, and Shell employees, pensioners, and their immediate families are invited to visit the refinery, have lunch and refreshments on the house, and perhaps get a glimpse of where dad or mom works. Here are some of the things you can expect to see.

Welcome

A welcoming tent near the Employee Relations building will serve as your first stop ... a welcome greeting, and plenty of interesting exhibits!

In the tent will be several displays showing: samples of products made at the refinery, personal safety equipment worn and used by refinery personnel, and a past-to-present pictorial history of the refinery.

Also in the welcoming tent will be a flow chart and taped-message slide show which follows crude oil through the various refining steps it goes before becoming the many final products made here. Slides showing various units and Wood River employees at work will correspond to the individual steps of the lighted flow chart.

Bus tours

Guests will be able to go into the refinery on bus tours, each with special guides on board and with other guides at selected stops ready to explain that location's function.

There will be three different bus tours, each with a slightly different route and different stops. All will drive through the entire refinery, but will stop at and emphasize different locations. Visitors can choose the tour which interests them most.

Each tour will take about 1 hour, 20 minutes to complete, but a bus for any particular

tour will leave every 12 minutes. Last tours leave about 5 p.m. The three bus tours and their stops are listed below.

Red Line Route: stops at Distilling, the Gas Plant, Lube, and the Packaged Lubricants Warehouse (PLW).

Yellow Line Route: stops at a Catalytic Reformer (CR-3), the Cat Cracker, the Utilities Control Center, and the Oil Movement Center (OMC-Products Pipeline).

Green Line Route: stops at the Hydrocracker, the Maintenance Shops, and Alkylation.

Walking Tour

In addition to the bus tours, visitors can take a short walking tour through the refinery's control laboratory and the main administrative offices. Persons will be available to explain the functions of the various places along the walking tour.

More safety equipment -- the larger pieces such as fire trucks, ambulances and oxygen units -- will be on display along the route for inspection.

In speaking of the bus and walking tours, Cliff Davidson of Light Oil Processing (and vice chairman of Family Day) said, "We're sorry we can't make stops at each and every unit, shop, and office, but that would be impossible from a time standpoint. We can say that what with the three bus tours and the walking tour, there will be a stop in virtually every department in the refinery."

Entertainment--food

Bill Smith, manager personnel and chairman for the event, said, "Although only children of school age may accompany their parents inside the refinery, entertainment will be provided for preschool children while their parents enjoy the tours. We suggest visitors not bring toddlers as no nursery facilities will be available."

The entertainment, designed primarily for the preschoolers, will include cartoon movies, and other en-

tertainment plus plenty of balloons and lollipops. All this will take place in the back room of the cafeteria.

Food and refreshments will be served south of the main office from 11 a.m. to 5:30 p.m. and picnic tables will be located under the trees for your convenience.

Volunteer workers

There has been, and continues to be a great deal of preparation for Family Day '74 to make sure you and your families have a memorable time. Bill Smith said, "We have ten separate committees of volunteers from all over the refinery working on the many facets of an event such as this. We really appreciate their fine efforts ... some have been working on this since May, and we still have much to do."

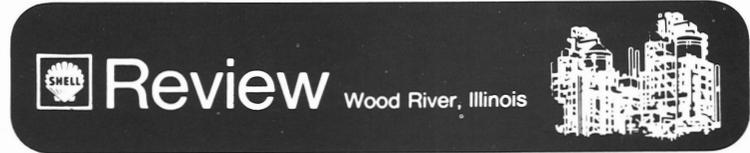
Cliff Davidson said, "On Family Day itself we expect that at one time or another during the day there will be



FAMILY DAY. This scene from the refinery's 50-year anniversary in 1968 will be duplicated September 21 when the refinery throws out the red carpet for Family Day '74.

about 200 volunteers working in some capacity to make this thing go. You'll be able to tell who they are by their special straw hats."

There you have it. Family Day '74 promises to be a big event, with lots to see and hear. See you there!



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WOOD RIVER REFINERY

AUGUST, 1974

Chris Christeson celebrates 45 years in Refinery Lab

Chris Christeson began work for Shell at Wood River in 1929, and later that year the stock market crashed. No, Chris' joining Shell as a sample carrier had nothing to do with the crash, but he was working here at that time and he remembers those days.

Chris said, "Like everywhere else, things were tough in this area in those days. I felt fortunate. It was nice to have a good job." That was forty-five years ago. Chris Christeson has been at Wood River in the Refinery Lab ever since, and as he celebrates his 45th anniversary in September he is the most senior person working in the Lab.

Pull the cork

One of Chris' first jobs was to draw samples from various storage tanks in the refinery. He said, "We got the samples by actually climbing up the tanks and lowering weighted metal containers into the product. We usually took three samples from each tank: one from the top, one half way down, and one near the bottom."

"Each container had a cork in it with a safety chain attached. When we had lowered the container to the desired level, we just pulled the cork and the container filled up."

You may not want to go so far as to say Chris and his fellow sample takers were regular "Batman" climbing around on the tanks, but they were equipped with a sort of "bat belt" to carry the various sample containers.

Chris said, "The belts were specially designed, and they sure came in handy. Many of the tanks had straight-up ladders attached, so it was hand-over-hand climbing ... hardly a place to have your hands full of quart size containers. Only a few of the tanks had stairways like we do today. They sure are better than those ladders."

A few changes

Chris' sample taking recollections may tingle the memory of some of the "old-timers." He said, "My first job was taking samples from the old Dubbs, Trumble, and Cross Plants. We drew samples from the Trumbles every thirty minutes, and then every hour we added to that with samples from the Dubbs' and Cross'. You might say we kept busy traveling to and from the Lab and the units."

As far as Chris is concerned the changes to the lab and the refinery, although extensive, have been evolutionary rather than startling. In speaking of the lab he said, "It's bigger I guess, and there's a lot of new equipment, but overall it's pretty much the same."

He continued, "Over the years a lot of tests have been discontinued, and the new equipment has enabled us to test for things we couldn't before."

Smell this

You've heard of wine tasters whose job it is to make sure the taste and bouquet of the wine is acceptable before



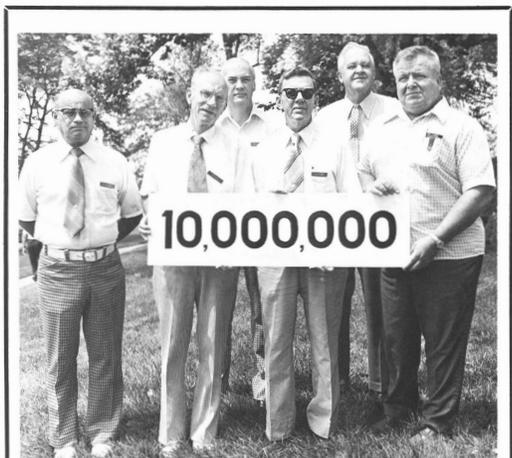
Chris Christeson

it is bottled? Well, Shell has "odor panels" of experts who make sure the aromas of Shell's various products conform to their proper norms.

Chris is involved in this, in that he is responsible for gathering and dispatching samples to the smell experts. He said, "I guess people get used to the smell of solvents or motor oil, just like they know the 'smell' of natural gas, even though some of these don't have an odor of their own without an additive."

"It's good business to give the customer what he expects because if the solvent smells funny he may think it's a bad batch, even if it's OK. So, we've got experts here at the refinery and in Houston who test the aroma from time to time. It's my job to see they get their samples."

Chris Christeson will retire this December when he reaches 65. He has no definite plans for retirement other than to take full advantage of the time for two of his favorite pastimes, hunting and fishing.



SAFETY RECORD. The Research Lab recently passed the 10-million manhour mark without a disabling injury -- one of the best safety records in American industry. These six men have participated in the record since its beginning: June 23, 1942. They are (from left): Lonnie Bowman, E. B. Gillis, Norm Voyles, Tex Texada, Julian Ryan, and Vern Welch.

Sports and shorts

Shortchanged

Last month this column reported that Harriette Ballman, wife of the former refinery manager, had scored her third hole-in-one in 15 years of golf ... a pretty good feat in itself. As good as that sounds, it was a gross understatement because Harriette had just made her *fifth* such ace in her brief golfing career! Can anybody top that?

Gains 100 pounds

Vince Lintzenich, senior chemist in the Research Lab, gained 100 pounds in one day and couldn't be happier about it. That's because the 100 pounds he gained was money. Vince was notified directly from Dublin that he held a winning ticket in the Irish Sweepstakes. The 100 pounds sterling that Vince won is worth about 240 U.S. dollars.

Golf league

Hydroprocessing won the second quarter of the SRA Premium Golf League and Safety won the second quarter in the Super Shell league.

Sharp shooter

Ray Smith, retired operator from Lube, is no spring chicken. But all those "youngsters" in the industrial trap leagues should have the keen eye and steady hand of Ray! Shooting in the B-league, the 68-year old pensioner out-shot all participants in all the industrial leagues to earn the best hit percentage of 93.5 for the season. He shot with the Shell Shuckers.

Industrial-C trap champs

Their name may have been the "Beginners" but they didn't act that way. This team of Shell sharp shooters captured first place in the Industrial-C Trap League, competing against other Shell and local industry teams. Team members were: Frances McCune, Tim Rathgeb, Rick Goodman, Rene Le Brun, Mike Breyer, Rich Heinz, Rudy Wild, and Benny Pringle.

SRA trap champs

All SRA teams shoot in one of the three industrial trap leagues, and at the same time are competing against each other. At the end of the season a complicated handicap system is incorporated to determine the SRA winner. This year's winning team is the Shell Quacks who successfully defended their last year's title. Team members were: Frank Stringer, Ralph Cooke, Bob Cruthis, Ray Dickinson, John Fields, Frank Hackethal, Truman Hargiss, and Bill Magruder.

Bowling

SRA bowling leagues start Wednesday, September 4, and Monday, September 9. There is still an opening on the Wednesday night league for a 5-man team. If you are interested in bowling, contact either John Thomas in Tech or Lyn Clark in Lube. Both leagues roll at 6:30 p.m. at the Wood River Bowl.

Touch football

Teams are now being organized and play will begin in September in the SRA touch football league. If interested in playing, contact Lou Bleier through the truck dispatcher.

City Khoury League champions

A team of 10 and 11 year old girls, managed by Bob Hovorka, group leader in Tech, went undefeated through a 12-game season and a 4-game tournament to become the St. Louis champs in the Petite Division of the Khoury League. The girls, sponsored by Guaranteed Foods, play fast pitch softball. At press time they were engaged in a 3-game tourney to determine the Missouri-Illinois champ for the greater St. Louis area.

Almost city champs

The Khoury League team managed by Art Kiehne, senior engineer in Tech, almost won the St. Louis city championship in their division also. After a 15 game undefeated season, Art's 8 and 9 year old boys lost in the finals of the city tournament. The team, sponsored by Killark Electric, played hard ball.

IN REMEMBRANCE

THEODORE P. BERTIER, July 20. Mr. Bertier was a shop machinist 1st before retiring in 1959. He was 72.

RAYMOND C. BROWN, July 26. Mr. Brown was a valve repairer 1st before retiring in 1952. He was 83.

LORRAINE M. WILTON, July 29. Mr. Wilton was a patrolman in Safety before retiring in 1971. He was 68.

CLYDE M. COCHRAN, August 5. Mr. Cochran was a clerk in Utilities before retiring in 1961. He was 59.

WILLIAM ROY ARMES, August 9. Mr. Armes was a shift foreman in Dispatching before retiring in 1963. He was 75.

CHARLES BERNARD ELIOTT, August 12. Mr. Elliott was an operator 1st in Gas-Thermal Cracking before retiring in 1968. He was 65.

Shell-children eligible for college scholarships

Do you have a youngster beginning the junior year in high school this fall ... one completing high school in 1976 and perhaps entering college? If so, November 1 of this year is a key date. That's their deadline for entering the eighth annual Shell Companies Scholarship competition.

Fifty, four-year scholarships ranging from \$500 to \$1500 per year will be awarded by the Shell Companies Foundation Incorporated under a program hand-

led by the National Merit Scholarship Corporation.

Eligible to compete are sons and daughters of regular full-time employees and retired or deceased employees of Shell Oil Company (including Shell Chemical and Shell Development) and Shell Pipeline Corporation.

Students wishing to enter the competition must submit the entry forms to Houston before November 1, 1974. They must also take the Preliminary Scholastic Aptitude

Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) which will be given at local high schools this October. The PSAT/NMSQT is used as a standard by many colleges and other organizations in scholarship competitions.

For entry blanks and more information about the Shell Scholarships, contact the receptionist in Employee Relations. For the date of the PSAT/NMSQT at your high school, contact the school's counselor.

Wood River's former scholarship winners doing well for themselves

The time is approaching for entries in the Shell College Scholarship Program (see story above). Since the first scholarships were awarded in 1969, fourteen Wood River sons and daughters have won four-year scholarships. How are the students doing? Below are brief summaries on the six most recent scholarship recipients. Needless to say, all are doing exceptionally well in the grades department.

Nancy Baker ... daughter of John Baker, staff research engineer in the Research Laboratory. Nancy was a winner in 1971. This fall she will be entering her senior year at New York University where she is studying liberal arts. Nancy spent this last spring semester studying at N.Y.U.'s associate campus in Madrid, Spain.

Elizabeth Richards ... daughter of Chuck Richards, tool repairman in Purchasing. She was a 1971 scholarship competition winner. Elizabeth will be a senior at the University of Illinois. She

is studying ceramic engineering.

Margaret Hainsworth ... daughter of Joe Hainsworth of Engineering Services. She was a 1972 winner. Margaret spent two years at Wellesley College in Massachusetts and is now a senior at Massachusetts Institute of Technology (M.I.T.). Margaret has a double major: economics and math, but also has many of the credits necessary for an engineering degree. She also has received scholarships from Wellesley and M.I.T.

Geoffrey Herbert ... son of Steve Herbert, manager industrial products in the Research Laboratory. Geoffrey was a 1972 Shell scholar. He is entering his junior year at the University of Pennsylvania where he is studying civics and pre-law.

John Myler ... son of Barney Myler, operator 1st in Aromatics. John was a 1972 winner. He will begin his junior year this fall at St. Louis University where he is studying in the field of communications.

Brenda Peat ... daughter of Jim Peat, senior engineer in Engineering Services. Brenda was awarded her scholarship this year and will begin her freshman year at the University of Illinois this fall. She will be studying chemistry.

Graduates of the Shell College Scholarship Program from Wood River have been:

1970
Jim Campo, son of John Campo of Technological.

Mark Conradi, son of Joe Conradi, now at the Bellaire Research Laboratory.

Jay Pazer, son of Joe Pazer of Aromatics.

Joel Schell, son of Jim Schell, now at the Deer Park Complex in Houston.

Janis Tomfohrde, daughter of John Tomfohrde of Refinery Technological.

1969
Phyllis Herzog, daughter of Francis Herzog of Engineering Services.

Clara Richardson, daughter of Dave Richardson, now of Head Office.

Jean Webb, daughter of John Webb, deceased.

ANNIVERSARIES



Jim Chamness
Eng. Field
35 years



Whitey DeLassus
Eng. Field
35 years



Squirt Giles
Eng. Field
35 years



Ray Ross
Eng. Field
35 years



Kenny Schumacher
Eng. Services
35 years



Smithy Smith
Eng. Field
35 years



Bud Tomlinson
Treasury
35 years



Norm Tomlinson
L.O.P.
35 years



Wib True
Eng. Field
35 years



C. D. Bunting
Safety
30 years



Charles Dale
Eng. Field
30 years



Luke Luketich
Research Lab
30 years



He's patented . . .

Retired chemist Roger McBrien still inventing

They sure do look official--those honest-to-gosh, signed and sealed, fancy scrolled lettering, U.S. Patents. When's the last time you knew somebody who had one with his name as the inventor on it? When's the last time you knew somebody with 18 of them?

Try Roger McBrien. Roger is a retired chemist from the Refinery Lab, and he has been inventing new things and new processes worthy of the patent seal since 1925.

It's not easy, you know, being granted a patent. The government has a vast library of patents dating back to the 1700's, and an army of experts to make sure they are all original and legitimate.

Roger said, "My first patent was issued to me in July of 1925. It was for a home type fire alarm system. I was attending Shurtleff College in Alton at the time.

Handy holder

"Most of my patents are associated with adjustable band clamps, however. What are adjustable band clamps? Well, they are mostly used in laboratories. They are those gimmicks that hold anything

from a big flask over a burner to a tiny thermometer sticking in a test tube."

Mr. McBrien started designing his unique band clamps as a result of his work in the lab. He said, "It seemed to me there could be a more durable and versatile clamp than we were using for our work at the time. It became a hobby of mine at home to tinker with inventing a better clamp.

"My first patent for a clamp was issued in 1931. Of course I've always cleared everything through Shell. I was pleased that we used clamps of my design in the lab . . . still do today, too. Shell has always been very cooperative and encouraging, and I've always appreciated that."

His own business

Roger McBrien retired in 1970 after some 42 years' service at Shell. Since then he has devoted full time to his clamps. He has a regular little assembly line in his East Alton home where he puts together his multi-faceted clamps and sends them to his many customers throughout the country.

In addition to Shell (not just

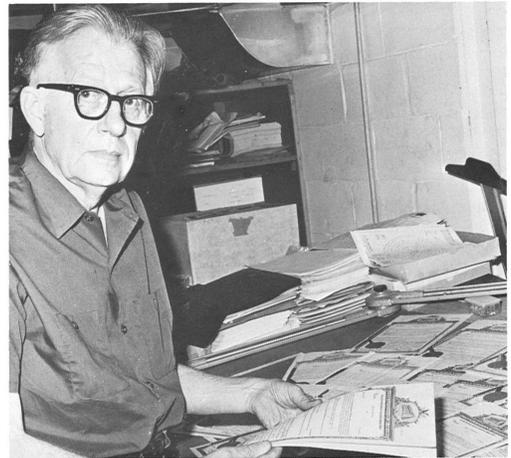
the Wood River refinery and research labs, but also Emeryville and Shell Chemical), McBrien boasts a number of colleges all over the U.S. as regular customers as well as laboratory supply companies, steel companies, chemical companies, and several U.S. governmental departments.

Ask Roger McBrien what makes his laboratory clamps so different and you get a ready reply: "They are expandable, contractable, interlocking, interchangeable, and durable.

"Old design clamps could only hold one--or maybe a couple-sized items. You had a different size beaker and you had to go to the drawer and get another size clamp.

"My clamps have an adjustable band loup of stainless steel. By turning a speed nut in the handle (like a mechanical pencil) you can adjust the holding clamp to virtually any size. And, being made of stainless steel they resist intense heat, acid, and caustic."

McBrien even has illustrated booklets displaying for customers the hundreds of different clamps available to



INVENTOR. Roger McBrien, retired chemist from the Refinery Lab, holds one of his eighteen patents. He has a successful business going in his home.

them from just a few basic interchangeable pieces.

Still inventive

But the inventor isn't resting on his laurels. Roger's latest patent--a new and easier method to put together his clamps which makes them stronger at the same time--was issued this last

April.

Roger McBrien is one Shell pensioner who hasn't found any problem keeping busy (both physically and mentally) during his retired years. He has his own business and his own drawing board . . . and plenty of good ideas.

ANNIVERSARIES



Paul Berney, Jr.
Eng. Office
25 years



Francis Carrigan
Eng. Field
25 years



Eldon Cazadd
Eng. Field
25 years



Duke Ducommun
Eng. Field
25 years



Charlie Gibson
Eng. Field
25 years



Edgar Gray
Eng. Field
25 years



Ray Hanahan
Eng. Office
25 years



Don Loeffler
Research Lab
25 years



Bill Roach
Refinery Lab
25 years



Paul Simon
Eng. Field
25 years

Safety shoes will protect your toes when you're at home too

Safety shoes are good in their place . . . on the job. They have no use when you are home. Right? Wrong! Just ask Bill Werzner, research technician.

Bill said, "A few weeks ago I bought a big metal desk for my study at home. My brother and I were going to haul it home from the salvage company, so we got a rental trailer, got decked out in our 'hauling' clothes' and took off.

"It was a hot day so I thought I'd change from the safety shoes I always wear at work to a pair of tennis shoes. Thought they might be cooler and more comfortable. In the rush I forgot to change shoes. That was the most fortunate lapse of memory I've had in a long time!"

He continued, "When you buy something cheap at a salvage yard you don't expect it to be perfect. This particular desk needed a little work and I was going to fix it up once I got it home. A rubber shoe was missing from one of the desk legs so it was just bare

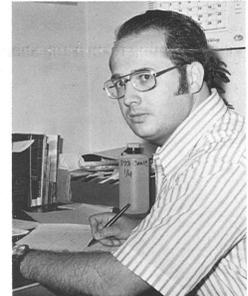
metal -- and what's worse that metal had been damaged so it was rather jagged.

"What does one of those things weigh anyway, 300 pounds? Whatever, it was plenty heavy. As we were lifting it off the trailer, it slipped out of my grasp.

"This big desk fell about three feet and the jagged end of that leg speared the toe section of my right shoe. You can see how it peeled the leather back. The steel toe of the safety shoe prevented me from getting even the slightest injury, but I shudder to think of what would have happened to my toes had I 'remembered' to put on my tennis shoes!"

A personal experience such as Bill's helps remind all of us there's a time and place for the protection of safety shoes, and that time isn't just during "payroll hours."

As Bill Werzner said, "Next time, I'll remember *not* to change into my tennis shoes. I'll make sure I've got on my safety shoes."



SAFETY SHOE ADVOCATE. At work in the Research Lab about the heaviest thing Bill Werzner handles is a car battery, but he's never without his safety shoes. He's glad that applies to work at home too.



CLASSIFIED ADS

1970 Chevrolet Impala. Sports sedan. Available in mid September. (Call after September 4). \$1300. John Hughes. 618-254-2732.

Correspondence courses -- complete. Air conditioning course. Appliance repair course. Complete with books, tools and equipment. Warren Howard. 618-462-8501.

Aluminum storm windows with screens. Two, full length. \$15 each. 26x60. Pam Handshy. 618-656-8039.

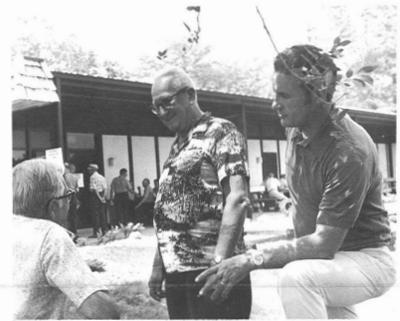


The Barbecue

There's one strong thread of feeling which always prevails at the annual Ten-and-Over Barbecue. It's the feeling of fellowship.

The Barbecue was celebrated this year on July 13 at the traditional spot, the American Legion Park in Edwardsville. The weather was perfect, the food delicious, and the beer and sodas were thirst-quenching ... but the chance to sit down and talk with old Shell-friends is still what makes a barbecue memorable.

Pictured on this page are some of the Shell-friends who were able to attend and enjoy the activities.




Review Wood River, Illinois



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