Five Vaudeville Acts to Highlight Entertainment

Annual Shell Christmas Party Will Be Held December 13

The annual Shell Christmas Party will be held at 7:30 Tuesday night, December 13, in the East Alton-Wood River Community High School Memorial Gymnasium, according to Service Club President L. R. Bierbaum.

Plans for the gala event have been completed. All Shell employees and their families are invited to attend. Tickets for the party will be mailed in the near future.

Bierbaum reminds all employees to retain their tickets, or contact any Service Club officer if they don't receive them by mail. While there is no admission charge to the party, no one will be admitted without a ticket. More than 3,000 persons are expected to attend.

Five professional vaudeville acts, two decorated Christmas trees, door prizes and socks of candy given away by Santa Claus will highlight the festivities.

The professional entertainment will include the following:

Gene Devoe and Company a two-person magic and illusion act featuring the trunk escape. Devoe and Company have appeared on many of the outstanding television shows.

Chai and Somay-a two-person Chinese tumbling and acrobatic team. Their most recent public appearance was on Ed Sullivan's top-rated Sunday night variety show.

Jimmie O'Neill-one of the finest barrel jumping performers in existence. O'Neill has just returned to the United States from Hawaii.

Chatter and Murray-a musical and comedy chimp act. Chatter and Murray also have appeared on many of the top television shows.

The Engfords-a three-person acrobatic and contortion circus act coming here direct from the Shrine show in Kansas City, Mo.

A master of ceremonies, three clowns and a monkey also are featured on the hour-long show. The show will be similar to a circus presentation.

Twelve turkeys will be given away as door prizes.

Santa Claus will present stockings packed with candy and an orange to all children at the conclusion of the party.

Shell's Service Club and Shriners from the Alton-Wood River area will jointly sponsor an annual Christmas Party for crippled children. The party, scheduled for 1 o'clock Tuesday afternoon, December 13, will be held in the Franklin Temple at Washington and Edwards Streets in Alton.

The program will include five vaudeville acts (those to be presented that night at the Shell Christmas Party), Santa Claus and gifts and candy for each child. Close to 100 crippled children will be guests.

THE SHELL REVIEW

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PLANT DRIVE CHAIRMAN C. C. WUTH, left, presents the Refinery's 1956 Community Chest pledge to Alton-Wood River Chest General Chairman Dudley Giberson. The refinery contributed $7,791.59 to the Alton-Wood River chapter and $1,237.35 to the Edwardsville chapter. This year's total was $9,028.94, second highest total ever attained by Shell Wood River Refinery employees.

Campaign Begins December 1

'Toys for Tots' Drive Will Be Sponsored In Alton Area by Marine Corps, Shell

Christmas spirits may be higher this year for many underpriviledged children in the Alton-Wood River area because of the annual "Toys for Tots" campaign.

The campaign, scheduled to start December 1, will be jointly sponsored by the United States Marine Corps Reserve and Shell Oil Company. Marine, Shell and Salvation Army representatives met in Alton recently to formulate plans for the 1956 drive.

More than 4,700 toys were collected, repaired and distributed to needy children in 1955, and committee members are hoping 1956 contributions will meet or surpass the '55 figure.

Repair Agencies

The Salvation Army, Alton Optimists and the Volunteer Firemen of Cottage Hills are acting as repair and distribution agencies during the drive.

All residents of the Alton-Wood River area will be asked to contribute toys of all sizes, shapes and ages. Collection points for these toys will be 30 Shell service stations in the area. To be a contributor to some needy child's happiness, merely take any new toys, used toys or repairable toys to any Shell station and put them in the large "toys for tots" containers located there.

Pickups by Service Club

Periodical pickups of toys will be made by the Shell Service Club. The toys will be taken to Salvation Army headquarters in Alton, to the Optimist Club and to Cottage Hills for repair and distribution to children in time for Christmas.

Distribution will be made throughout the entire area and will be on a non-sectarian basis.

The drive and the theme, "Toys for Tots" was originated by one Marine Reserve Unit in 1948. Since then, the annual campaign has taken on national proportions.

The all-out campaign will end December 15.



"TOYS FOR TOTS" is the theme of discussion among committee members as they plan for the 1956 campaign. The drive for toys will begin December 1 and last through December 15. The committee members, left to right, are M. Levin, Shell's Wood River Merchandising Representative; Capt. R. B. Sharp, Commanding Officer of the Salvation Army in the Alton area; L. R. Bierbaum, President of the Refinery Service Club; and Major Samuel L. Xanders, Commanding Officer, "B" Company, 3rd Marine Corps Reserve Infantry Battalion, Alton.

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Total Second Highest Ever

Community Chest Pledge Totals $9,028.94 in '56

Refinery employees donated $9,028.94 to the 1956 United Community Chest Drive which ended November 12, according to Plant Drive Chairman C. C. Wuth. The figure represents the second highest contribution effort by employees in the history of the Chest campaign for funds.

Of the total contribution,$1,237.35 went to the Edwardsville chapter and $7,791.59 went to the Alton chapter. Seventy-eight per cent of the refinery employees participated in the drive, which was extended from October 31 until November 12. In numbers, this percentage included 2,936 of the plant's 3,777 workers.

Listed below are the departmental percentage figures and the average contribution per person.

Dept.	% Part.	$ Average
Alkylation	91	2.76
Aromatics	73	1.14
Boilermakers	66	1.14
Carpenters	95	1.64
Chauffeur	57	1.25
Compounding	69	2.13
Control Lab	56	3.26
Cracking	86	3.23
Cranemen	72	1.53
Dispatching	72	3.02
Distilling	82	3.40
Effluent Control	88	3.53
Electricians	72	1.40
Eng. Field Office	94	4.95
Eng. Tech. Service	95	4.78
Experimental Lab	94	3.48
Fire & Safety	98	2.99
Gas	70	3.44
Instrument Men	75	2.10
Insulators	100	1.22
Laborers	70	1.16
L. O. Treating	79	1.84
Lube Oils	79	3.18
Machinists (Incl. Garage)	69	1.57
Main Office	94	8.16
Painters	75	2.15
P & I R	100	6.25
Masons	50	1.50
Pipefitters	62	1.27
P A D	91	12.90
Switchmen	62	1.54
Research	97	4.76
Countermen	68	4.28
Tinners	95	1.28
Utilities	88	2.35
Valve Repair & Tool Room	81	1.70

Correct Usage by All is Essential

New 'Caution', 'Danger' Tags are Being Used To Help Point Out Special Safety Features

Colors Have Changed

Four new 'caution' and 'danger' tags have been adopted and used in the Refinery during the past few months. The tags have been designed to draw attention of those concerned to special conditions involving safety.

Miniature replicas of the four tags, front and back, are illustrated on this page so all employees can become familiar with these additions to plant safety. It is the responsibility of all workers to correctly use and obey these tags.

All the tags pictured are in true shape as the appear in the plant. The danger tag has red lettering on a white tag. The others are black on yellow.



INERT GAS SYSTEM TAGS

The tags are plastic coated, making them waterproof, and are permanently attached to all inert gas outlets throughout the refinery.

They serve the following purposes: 1) Reduce the possibility of confusing inert gas connections with steam or other utility outlets by identifying all inert gas connections. 2) Warn employees to the danger of breathing inert gas, since sufficient quantities in confined areas can be poisonous. 3) Prevent improper use of inert gas by requiring a departmental work permit before making connections.

PRESSURE RELIEF SYSTEM TAGS

These tags are similar in appearance to the inert gas system tags. They are permanently attached to block valves located in pressure relief piping systems for vessels. It warns everyone the valve is in a relief system and should never be closed except under conditions specified on the tag.

Accidental closing of block valves could interfere with operation of pressure relief valves, which are used to prevent accidents caused by excessive pressure build up in vessels and equipment.

TAGS FOR DRUMS CONTAINING WASTE PRODUCTS

These caution tags are attached to oil drums or barrels that contain waste materials which are to be sent to various parts of the refinery for disposal.

What is in the drum or barrel and where its destination will be should be written on the tag. Information as to the destination of materials is usually available in departmental orders.

DANGER TAGS

Old type 'red tags' have been replaced by this white tag with red lettering. The front of the tag is self explanatory as to the purpose of the tag. It protects men working on interconnected lines or equipment and warns against manipulating the equipment without proper authorization.

As long as persons installing the tags fill them out properly and those seeking to use such equipment follow required precautions, refinery operations will be made safer.

THE SHELL REVIEW

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

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Edwardsville Resident

Kathleen McLean Chosen Queen at Quincy College

Kathleen McLean, daughter of Personnel and Industrial Relations Analyst Don W. McLean, was crowned queen of Quincy College at a ball held October 20, in the college gymnasium.

A sophomore at Quincy, she is secretary of the sophomore class, member of the third order, on the council of the third order, a member of Theta Phi Alpha sorority, belongs to YCS and is in the chorus.



KATHLEEN McLEAN

Miss McLean was sponsored by Alpha Delta Gamma. She is majoring in political science.

Don McLean, 211 Benton, Edwardsville, has been with Shell for 28 years. Don spent 20 of those years in the Control Laboratory. In 1949, he was transferred to the P & I R Dept. He is married to the former Dorene Braundmeier of Alhambra. The McLeans have another daughter, Pat Hetzel, who is on Okinawa.

In addition to her recent honor, Miss McLean was St. Patrick's Day queen as a freshman at Quincy. During her freshman year, she also played the lead role in the play, "The Detective Story."

While a senior at Edwardsville High School, Kathy was chosen as Homecoming Queen.

HSM Coverage

If you want Shell Hospital-Surgical-Medical Coverage for dependents who have reached age 19, contact the P. & I. R. Department and make application for coverage immediately after the dependent attains age 19.

Shell HSM Plan makes it possible to continue the insurance for an unmarried dependent child between the ages of 19 and 25 by paying an additional monthly contribution. However, you must apply for such coverage—it is not automatic.

R. M. Horrocks New Treasury Manager Here

R. M. Horrocks assumed Treasury Manager duties at Wood River Refinery effective October 16. Horrocks, who was transferred here from Shellburn Refinery, Vancouver, B. C., replaced L. L. (Jack) Sarchett, who has since moved to Tulsa to take over as Treasury Manager in the Exploration and Production Area. Horrocks was succeeded at Vancouver by R. L. Sprague.

Horrocks started his Shell career as an office boy in 1929 and advanced to Assistant Chief Accountant while serving for 17 years at the Houston, Tex. Refinery. In June, 1946, he was transferred to Head Office's Methods and Procedures Department.

One year later, Horrocks was assigned to the Auditing staff. In April, 1949, he came to Wood River as Chief Accountant. He remained here for six years and six months prior to his transfer to the Shellburn Refinery.

A native of Tyler, Tex., Horrocks lived in Houston for 30 years. He was graduated from Sam Houston High School in Houston.

While at Wood River in 1949-55, he was an Edwardsville resident and was active in the Mississippi Valley Junior Achievement Program, acting as an adviser for one of the Shell sponsored miniature companies. Horrocks is a member of the National Association of Cost Accountants. He is married to the former Alice Soniat of New Orleans.



"Oh, I couldn't ask you to marry me on my salary, unless you keep your job!"

St. Louis Retired Employees Club Elects Officers

The Shell Retired Employees Club of Metropolitan St. Louis had a business meeting at Busch's Grove on Thursday evening, November 1, and elected the following officers for the ensuing year:

Carl Barker, President
Minnie B. Foulks, Vice President
Charlotte Rossen, Secretary
J. E. Goldschmidt, Treasurer

A social gathering in the form of a holiday party is scheduled for early in December when they propose to extend a program for the benefit and mutual assistance of the some 100 members in this area.

Membership in the club not only includes former St. Louis and Wood River Refinery employees, but many persons who have returned to St. Louis to live after their retirement by the Company. Many of them have taken on new jobs here in the city.

Credit Card Imprinter Proves Hit With Dealers, Customers

Shell's new credit card imprinter has been in operation at service stations in the Alton-Wood River-Edwardsville area since November 1, and from all indications, dealers and customers alike are more than pleased with the inovation.

For credit sales, the imprinter prints the customer's name, account number, date of sale, and your station name and location in duplicate. All the dealer has to do is write in what is sold and all the customer has to do is sign the invoice.

Most stations in the area have more than one imprinter, using one on the island and one in the office. The imprinter is rented from the Company by the various dealers.

Time Saving

Probably the biggest advantage of the imprinter is in time. It cuts in half the time required to serve a given customer with a credit card sale. It does away with human errors in writing, which makes for easier and more accurate processing of sales at the marketing offices.

In addition to speeding up dealer operations, it helps improve relationships between the dealer and his customers.

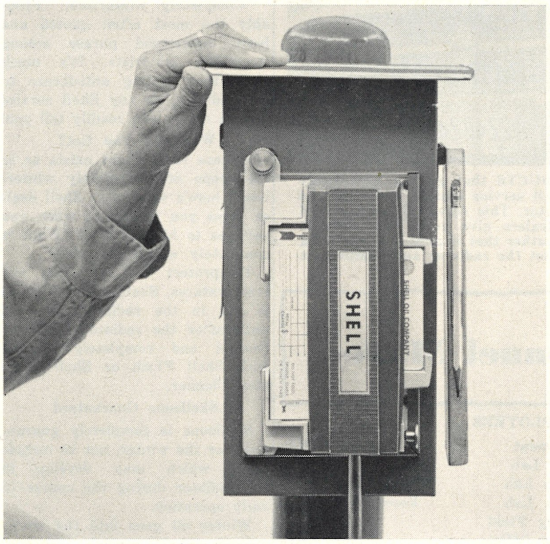
In conjunction with the new imprinter, Shell has issued new annual credit cards and plastic holders. Shell's non-metal imprint card is the first of its kind in operation in the Middle West.

"Best System"

R. P. McAlpin, Wood River District Marketing Manager, said of the new imprinter and system, "It's unquestionably the best system of its kind in the country. The dealers are almost 100 per cent in favor of it. There is no doubt of its acceptance with the public either."

A representative sampling of four Shell service stations in this area drew the following comment from Company dealers.

Bill Roller, 5th and Ridge Streets, Alton—"It's great. The reduction in time waiting on credit sales has been materially reduced. I would say 98 per cent of my customers are enthusiastic about the new system. The rest are still getting used to it and when they do, I think they will be in favor of it also."



THIS IS WHAT THE NEW credit card imprinter looks like as another credit sale is about to be entered on the records. Dealers and the public alike seem to be pleased with the imprinter. For dealer comments and some advantages of it over the old type credit system, read the REVIEW'S representative canvass of service stations in the Alton-Wood River-Edwardsville area.

Paul Trickey, Wood River and Edwardsville Roads, Wood River "The customers like it well. It sure speeds up things. One big thing is the legibility of the writing. I would imagine it makes for less mistakes back in the offices."

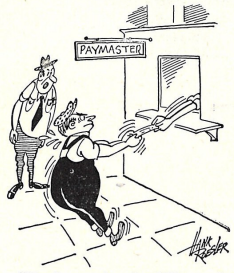
Wally Ott, 3rd and Ferguson, Wood River—"On the old system, it took me anywhere from three to five minutes to complete a credit sale. With the new imprinter, it takes me little more than a minute. All things being equal, the time saving is worth more than the other advantages."

Bob McLean, Park and Buchan Streets, Edwardsville—"It is more readable, it will cut down on mistakes all along the line and it's time saving. If two or three credit sales come up at once, you can handle the customers quickly, without making them wait ten or twelve minutes. That is a big difference."

J. D. Goodrich Named Production Manager In Tulsa E&P Area

J. D. Goodrich has been named production manager of Shell's Tulsa Exploration and Production Area. He will assume his new duties next spring. Vice President A. J. Galloway made the announcement this month.

Goodrich has been manager of mechanical engineering in the New York office of the firm's exploration and production department since 1954. A native of Oklahoma City, he received his B. S. in mechanical engineering from Rice University before joining Shell in 1937 as an engineering trainee in Midland, Tex.



"For heaven's sake, Milt, you've heard of 'withholding' before!"

Agricultural Activities

Shell Development Plans Consolidation in California

Shell Development Company this month announced plans to consolidate its agricultural research activities under one roof at Modesto, Calif.

Plans for the consolidation, according to Dr. H. Gershinowitz, president, provide for a large increase in present facilities at Modesto to house that portion of the firm's agricultural research staff presently located in Denver, Colo.

An estimated $1 million will be spent by Shell for new buildings and services. Construction is scheduled for completion by fall, 1957.

Six Buildings Added

"Six major new laboratories and office buildings will be added to the present group," said Dr. Gershinowitz. He states the two laboratories are being combined to increase efficiency of operation.

"The new combined laboratory is expected to be the outstanding industrial agricultural research center in the Western United States. It will rank among the best-equipped and most extensive industrial agricultural laboratories in the world," Dr. Gershinowitz said.

Disneyland Designer

The Los Angeles firm of Austin, Field and Fry is the architect, and Jack Evans, designer of the Disneyland Gardens, is the landscaping consultant. The design features an open, campus-like plot plan selected for functional reasons. One-story buildings predominate.

According to Dr. Gershinowitz, Shell will bring more than fifty families into the Modesto area from Denver and other Shell laboratory locations.

S. H. McAllister, Director of Shell Developments' agricultural research division, will administer the new combined laboratory. Dr. Roy Hansberry, Manager of the Modesto Laboratory, will direct the biological research group.

Dr. K. E. Marple, Manager of the Denver laboratory, will direct the chemical research group. A group for products application research will be under Dr. E. F. Feichtmeir.

Shell's pioneering efforts in the agricultural field are well known. In addition to their manufacture of chlorinated insecticides at Denver, they are leading manufacturers of nitrogenous fertilizers in the West, operating two amonia plants in California for the manufacturer of anhydrous ammonia, ammonia sulphate and urea.

Aeroshell No. 14 Is New Lubricant For Helicoptors

A new lubricant for helicopters has been developed by Shell Oil Company's Wood River Research Laboratory.

The product, called Aeroshell No. 14, is especially designed for the main rotor and tail rotor bearing assemblies. According to the Company, the grease minimizes fret-corrosion and prevents corrosion of bearings due to presence of moisture. It flows well at low temperatures, extending the cold weather operating range down to minus 65 degrees F. It also permits longer periods between lubrications.

Shell is working on a new military specification for helicopter grease based on Aeroshell No. 14. The new lubricant is recommended by Sikorsky Aircraft for use in all its helicopters and is being distributed on a world wide basis.

To Further Fuel Development Program

Research Convoy Rolls 5 Days a Week, Rain or Shine

Refinery Manager H. D. Dale announced this month the purchase of ten 1957 model automobiles which will soon be seen in convoy on the streets of Alton, East Alton, Wood River and Roxana.

The purpose of this convoy of representative 1957 models is to further Shell's Research program for developing improved fuels and lubricants for the latest model cars. Constant tests carried on at Shell's Wood River Research Laboratory will be further analyzed by these road tests.

Five Days A Week

The "Research Convoy" started with two cars and will increase in size up to ten as the new automobiles are delivered to the Company. They will be on the road, rain or shine, from 9:00 a.m. to 1:00 a.m. five days each week. The convoy will not run on Saturdays and Sundays.



THIS WILL BE PART OF THE "RESEARCH CONVOY" to be seen on the streets of Alton-East Alton-Wood River-Roxana. Two cars started in the convoy and additions will be made until ten 1957 model cars are in the convoy. Four persons vitally concerned with the convoy are, from left to right, Research Engineer J. B. Baker, Research Group Leader R. G. Tuell, Chief Research Engineer L. S. Echols and Research Director R. J. Greenshields.- The cars will run five days a week, from 8 a.m. until 1 a.m. rain or shine.

A course has been selected by Research people under the direction of Director of Research R. J. Greenshields. "The course which has been laid out was chosen in an effort to simulate as nearly as possible average suburban and city driving," Greenshields said. "We know from our laboratory tests how our fuels will perform under open road, high speed driving conditions. These road tests will give us further information about the performance of fuels and lubricants under average conditions of city and suburban driving."

Checking Instruments

Cars in the convoy will be driven thousands of miles over the prescribed course equivalent to several years of normal city and suburban driving. Each car will be completely checked and equipped with instruments necessary for complete testing of fuels and lubricants.

DID YOU KNOW?



Jet-powered commercial airliners designed to carry as many as 140 passengers, will have a petroleum fuel capacity of 18,000 gallons, enough to fill about three railroad tank cars.

* * *

Light-weight, portable, oil-well drilling rigs are so efficient they can drill through 7,000 feet of rock in less than two weeks. Such a drill usually costs about $250,000 to build and $1,200 a day to operate.

* * *

A portable power plant recently developed is capable of supplying emergency power to a good-sized community. The plant employs a petroleum-gas turbine, which has the advantages of being light and compact, quickly put into service and loaded, eliminating the need of water for cooling and providing good heat efficiency.

* * *

The United States is paved with 840,000 miles of asphalt roads and highways, enough to circle the equator more than 33 times.

* * *

An oil industry "cat cracker"-a catalytic cracking plant-costs about $20 million dollars to build. This doesn't include the operating costs for such items as electricity, water, wages, additives, taxes or transportation etc.



JUST A FEW OF THE PRODUCTS that go into completely winterizing your car. A local Shell service station dealer checks hose connections around the radiator. This service is just one of the many "little" checks Shell dealers give your automobile in preparation for the cold winter weather that is ahead. Winterizing a car means more than flushing out the radiator and dumping in the anti-freeze.

Personnel Moves

NEW EMPLOYEES

Name	Department	Classification
Patricia O'Daniell	Control Lab	Junior Clerk
Orville E. Brown	Research Lab	Junior Lab Assist.
Roger W. Johnson	Research Lab	Research Chemist
Donald R. Presnell	Engineering Field	Clerk
Delores M. White	Engineering Office	Junior Clerk
Leola J. Wood	Gas	Junior Clerk

MILITARY SERVICE RETURNEES

Roy J. Long	Engineering Field	Clerk

UNCLE SAM CALLS

George R. Baumgartner	Research Lab	Research Engineer

TRANSFERS

Name	From	To	Classification
Robert W. Heinze—	Shell Chemical—	Wood River-Eng.—	Project Eng.
Robert W. Trares—	St. Louis	Wood River-Stores—	Supervisor Office
Robert W. Ziha—	Wood River—	St. Louis-Market—	Clark-Gen. Acctng.

Plenty of Service in Query, 'Want it Winterized, Sir?'

Those winter clothes are out of moth balls and the summer ones are packed away until spring. You're ready for the icy, wintery blasts that are bound to come this way, but is your car?

If it isn't, it's about time you pulled in to your favorite Shell service station and had the family jalopy completely winterized.

"Completely winterized." Probably the most often quoted and least understood phrase among American motorists. It's much more than adding anti-freeze to the radiator, as any Shell service station dealer can readily tell you.

What Do You Get?

In case some doubt exists as to the scope of "completely winterized", here's what your Shell dealer gives you in service when you say yes to his question, "Want it completely winterized, sir?"

To protect the car from low temperatures, Shellzone anti-freeze is put in the radiator, but not until after the radiator has been flushed and completely cleaned with Shell Flush or Shell Radiator Cleaner.

Shellzone Guaranteed

Shellzone is completely guaranteed for the winter, not to include leaks which may develop in the radiator during the course of daily operation.

Winter oil goes into the transmission and differential on the conventional shift automobiles. If the transmission is automatic, a special transmission oil is used, if the car has more than 25,000 miles wear.

All tires are checked to help assure safe driving on wet, icy roads that are so common during the winter months. Slick tires on slick roads usually add up to only one thing—no traction and added danger while driving.

Hoses Should Be Replaced

Besides flushing the radiator, Shell attendants check the radiator for leaks and the hoses leading to it for signs of wear. Hoses should be replaced every two years. Often times no signs of wear and leakage are apparent from the outside, but after loosening and examining them, attendants discover defects.

The fan belt gets a once-over for looseness and for extreme wear which could later cause it to break. Windshield washers are filled with fluid and wipers are examined to make sure they are in operating order. Nothing worse than trying to see out a window that's being smeared by defective wipers.

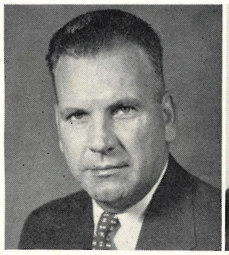
Check Mufflers

Mufflers and tail pipes are of vital interest to all motorists, especially during winter when autos are driven with the windows up. There is always a chance of carbon monoxide poisoning should there be a hole or leak in a muffler or tail pipe.

Last but not least is the grease job and oil change from heavier summer lubricants to the lighter winter oils.

So now the family jalopy is ready for winter. It has been "completely winterized". Two words with a lot of service behind them.

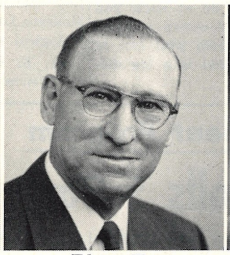
November Service Anniversaries



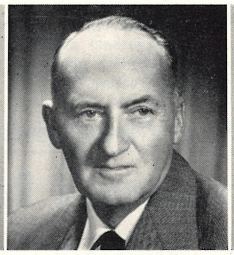
D. M. Boren
Aromatics
30 Years



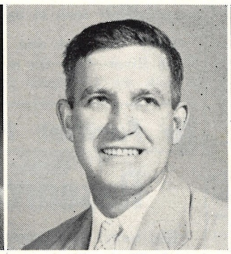
H. L. Day Jr.
Utilities
30 Years



Edman Hagen
Dispatching
30 Years



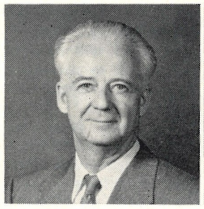
Arnold Hock
Dispatching
30 Years



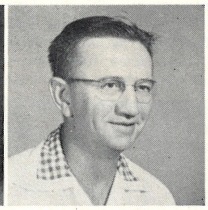
R. A. Neuhaus
Cracking
30 Years



W. G. Ringering
Pipe
30 Years



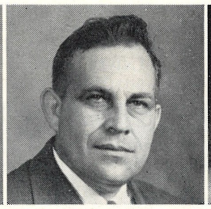
W. H. Chandler
Research Laboratory
25 Years



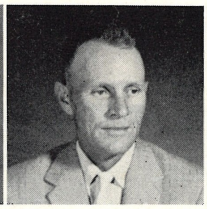
H. W. Gustine
Cracking
25 Years



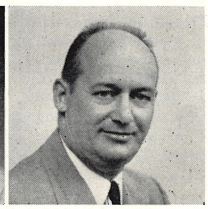
Vernon Vitatoe
Boiler House
25 Years



R. K. Bush
Alkylation
20 Years



R. E. Tjaden
Labor
20 Years



A. M. Weiss
Alkylation
20 Years

15 Years

R. E. Anglin
Cracking

W. D. Campbell
Pipe

V. B. Hammack
Pipe

O. A. Hotuiz
Cracking

W. L. Howell
Instrument

Lester Jennings
Compounding

P. E. Morrisey
Light Oil

S. W. Mueller
Insulator

N. V. Voyles
Research Laboratory

10 Years

W. K. Connell Jr.
Dispatching

W. R. Johnson
Compounding

M. E. Kennedy
Painter

M. J. Owens
Labor

J. F. Rickman
Pipe

J. J. Skelly
Technological

Foresight Keeps Shell Out Front in 'Avgas'

One-Third of Commercial Gasoline Total Supplied by Company; New Era Ahead

The oil industry has been constantly improving petroleum product manufacturing facilities to satisfy needs of automotive engine manufacturers since the Stanley Steamer went out the window.

Much the same has held true for the aircraft industry. Aviation has come a long way since the turn of the century with the Wright Brothers at Kittyhawk, N. C. It has come a long way, not only in design and styling, but in increased speed and horsepower.

To keep pace with this speed and power the oil industry has had to progress at a corresponding rate, until now, the industry's high octane aviation gasoline and jet fuel production has taken on far-reaching significance.

Leader Since The '30's

Shell Oil Company has been a leader and expondent of the 'importance of aviation' philosophy since the early 1930's. Refinery employees here have been in the aviation gasoline picture since 1935, when the Iso-Octane Plant was constructed.

Since '35, construtcion of other units has increased Wood River's aviation gasoline production manyfold.

Shell has come a long way since 1934 when it made a history-making delivery to the United States Army Air Force of 1,000 gallons of the first 100-octane aviation gasoline ever produced.

Advantageous Position

The foresight on the part of Company management in those years and during World War II toward the aircraft age gave Shell an advantageous position in the commercial aviation gasoline field, a position it has never surrendered.

Careful planning for proper coverage of the post-war commercial field was finalized before the war ended. Since the war, the Company's refinery production and marketing sales have continued upward each year, without exception. Today, Shell supplies one-third of all the United States commercial airline fuel requirements.

Sales Have Doubled

In fact, sales and production have doubled over a five-year period, 1950-55, showing the tremendous increase in aircraft travel.

Shell's rise to prominence in the aviation field can be greatly attributed to Vice President J. H. Doolittle's leadership and foresight in the early '30's when he was Aviation Sales Manager.

When World War II started, Shell accounted for nearly one-quarter of the total government requirement.

900,000,000 Gallons

At the end of the war, Shell was supplying approximately 900,000,000 gallons per year. Much of that production had its inception at Wood River. Other oil companies followed Shell's lead in the concerted war effort and were shouldering their share of the load.

Shell's 1,000 gallon shipment in 1934 seems insignificant indeed when compared to industry's 1956 estimated United States commercial sales of well over one billion gallons of aviation gas. This figure doesn't include government contracts, nor does it include any jet fuels produced.

Pipelines, barges, tank trucks and tank cars transport Wood River's aviation products to Columbus, Ohio; Chicago; St. Louis; Indianapolis; Lima, Ohio; Milwaukee; Louisville and St. Paul to name but a few.

'Sun Never Sets'

Much aviation fuel finds its way through pipelines and barges to lake and ocean tankers and on to foreign ports. It would be safe to say 'the sun never sets' on Shell's aviation gasoline destination points.

Shell is major supplier to 11 of America's 12 major certificated airlines including: American, Braniff, Capital, Continental, Delta, Eastern, National, Northeast, Northwest, Trans World and United.

Wood River employees play a big part in the production and rapid development in the performance capabilities of aviation fuels and lubricants. The aviation gasolines produced have excellent anti-knock performance, volatility, stability in use and storage and other important aviation gasoline characteristics. They are blended to insure maximum engine performance from both the power and economy viewpoints.

Aeroshell Oils

All Aeroshell oils are manufactured at Wood River and are used around the world by many airlines.

TCP*, the gasoline additive developed to offset the tendency of tetraethyllead in the fuel to foul spark plugs, is widely used in helicopter engines in which plug fouling tendencies are severe. To a great degree, TCP was developed at Wood River.

So Wood River and all its employees are playing a big part in progressing with the aviation industry. SHELL NEWS, New York, recently published an article, "The Age of the Jetliner". It tells about commercial jetliners of the future.

Shell Supplies Viscounts

That age has been ushered in by Capital Airlines' Viscount turboprop airlines service to 52 American cities. Capital's 75 Viscounts fly solely on Shell's 640 Jet Fuel, half of which is produced right here in Wood River. Wood River is also a large producer of military JP-4 Jet Fuel, the bulk of which is used by Allison Division of General Motors at Indianapolis.

As was the case in the 1930's, Shell is again pioneering, this time into the turboprop and jet fuel picture. Most major airlines have announced plans to use jetliners and turboprop aircraft within the next five years.

A new aviation picture is being painted. Shell, the Wood River Refinery and its employees are in that picture.

*Shell Oil Company Trademark



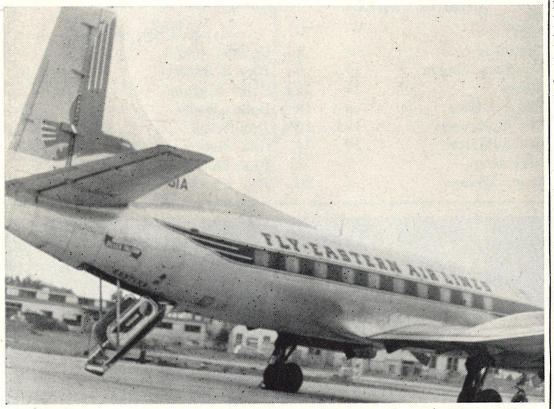
SHELL GASOLINE TRUCKS LINED UP ON THE ramp waiting for fuel-hungry planes to land. A constant leader in the commercial aviation gasoline field, Shell now supplies one-third of all commercial fuel requirements in the United States. St. Louis is just one of the many locations where Shell gasoline trucks dot landing fields.



AN AMERICAN AIRLINES' FLAGSHIP WAITS for passengers to board at Lambert Airport. Minutes after the plane has landed and passengers are out, Shell trucks hurry to the job of refueling the aircraft so it will be ready to continue on its route. In addition to safely delivering the fuel into the plan's tanks, Shell makes sure the fuel is clean and free from any harmful substances that might have a chance to harm the flagship's engines.



A SIDE VIEW OF THE SUPER-G, TWA's four-motored giant of the sky. While passengers pause in St. Louis for brief rest stops, airplane crews and servicing crews take over to insure safe delivery of clean, dry fuel into the Super-G's tanks.



AN EASTERN AIRLINES twin-engined airliner is idle on the ramp at Lambert Field. Eastern is one of eleven major airlines to whom Shell supplies fuel. With the new era in Jetliners obviously in the not-too-distant future, aircraft of this type may be caught in a transition period.

! SHELL PENSIONERS ! THIS IS YOUR INVITATION TO THE CHRISTMAS PARTY

Camera Club Receives Volunteer Services Award From Hospital

Dr. Abraham Simon, Director of the Alton Illinois State Hospital, presented a Volunteer Services Award to the Shell Camera Club, October 16, in grateful appreciation for the club's showing of slides to patients at the hospital.

Dr. Simon made the presentation at an Awards Night honoring individuals and clubs for their voluntary services. All recipients of awards and the hospital staff were present at the ceremonies.

Club Secretary-Treasurer R. P. McFarlane, Assistant Department Manager-Control Laboratory, received the award on behalf of the entire Camera Club. President Ray Thrasher, Engineering Design, said the slides shown were colored ones and dealt with vacation scenes in the West, Southwest and Rocky Mountain regions. All the slides were made from pictures taken by Camera Club members.

R. J. Schulke, Engineering-Field, is Vice President of the club. The certificate reads as follows: **"State of Illinois, Department of Public Welfare, Volunteer Services Award. On behalf of the patients to whom you have given friendship and help, Alton State Hospital, presents this certificate to Shell Camera Club in grateful apprecation for showing of slides."**

SPORTS

Treasury, Research Also Win

Laborers Kayo Engineering, 60-32 In Opening Night Basketball Action

Plant softball has been a Dispatching affair for a long time. Plant basketball could well turn into a similar proposition with the Laborers controlling the top spot.

The Laborers served warning on the rest of the seven-team league as they coasted to an easy 60-32 victory over Engineering in the opening night of the 1956-57 basketball campaign, Thursday, November 15.

Treasury, Research Win

In the other games, Treasury whipped the Control Lab, 39-30, and Research won a 2-0 forfeit from Distilling. The league observes a Thanksgiving Day holiday and goes back into action November 29 at the Roxana Community Center.

Schedule of games for the 29th includes Research vs. Control Lab at 6:30 p.m., Laborers against Distilling at 7:30 p.m. and Treasury vs. Aromatics at 8:30 p.m.

Wood Leads Scoring

In opening night games, J. R. Wood and Oliver Wilhold paced the Laborers in their rout of Engineering with 12 and 10 points, respectively. Laborers led at the half, 24-10, and increased the margin to a 40-20 third quarter score.

Dale Appleby and Vito Saliamonas were the top scores for Engineering with 14 and 12 points, respectively.

Well Balanced

Treasury downed Control Lab with a well balanced scoring attack. Bill Brewer scored 12, Mel Niebur dropped in 10 and all Treasury players except one dented the scoring column.

Dale Dick and Elmer St. Peters each had eight points for Control Lab. Treasury led at halftime 22-14, at the third period 30-20 and kept that ten point margin almost intact until the final whistle.

Research won 2-0, when Distilling failed to field a team.



WINNERS OF THE FIRST QUARTER championship in the Super Shell League were Control Laboratory. The Lab boys finished the first quarter with a record of 17 wins and 7 losses, beating Fire and Safety by one full game. Team members left to right, front row, are Bert Strebler and Dave Grieve. Back row, Joe Dana, Jack Decker and Tom Colgate. Other team members not present when the picture was taken are Al Doerr, Pete Dochwat, Lee Rich and Carl Fors.

SRA Holds Winners Banquet At Rose Bowl in Granite City

The Shell Recreation Association held its annual Winners Banquet November 19, at the Rose Bowl in Granite City. Wilbur (Sparky) Stalcup, head basketball coach at Missouri University, was the guest speaker.

More than 130 persons attended the banquet, held annually for the purpose of honoring individuals and teams who have been winners in the various Industrial and Plant League sports sponsored by the SRA.

Those Honored

Among those honored were the Has Been Industrial League Softballers; Plant Bowling Teams-Control Lab, and Teams from the Premium, Golden and X-100 Leagues; Plant Softball Champs, Dispatching; SRA Fishing Contest Grand Prize Winners and Judges; Plant Golf Flight Champions; Plant Golf Team Winners, Distilling; Umpires and Refeeres; Duplicate Bridge Titlists; Ladies League Representatives; Bowling Officials; Plant Basketball Kings, Laborers; Plant Bowling Tourney Winners; Director and Managers of Shell Boys' League; Camera Club Representatives; SRA Board of Governors; Departmental Representatives; and Management Guests.



W. N. STALCUP

Stalcup, who begins his 11th season at Missouri this winter, has coached Tiger teams to 138 wins and 92 losses. In 21 years of head coaching Stalcup's personal won-lost record is 290-148. He spent 11 years at Northwest Missouri State College at Maryville.

Three-Sport Performer

During his college career, Stalcup was a three-sport performer at Maryville and played basketball under Hank Iba, athletic director and basketball coach at Oklahoma A & M.

In addition to his coaching duties, Sparky is the "color" man on radio broadcasts of Missouri football over the Missouri Sports Network.

Recreation Dance Scheduled Dec. 14

Shell Recreation Association's annual dance will be held Friday, December 14, from 9 p. m. until 1 a. m. at the Godfrey Civic Center in Godfrey. Music for the dance will be furnished by Al Rezabek and his orchestra.

Attendance at the dance is limited to SRA members only. Complimentary tickets for members may be secured from any SRA officer or board member. No tickets for the dance may be obtained after December 5.

First Quarter Champs

Distilling, Control Lab, Plant Technicians, Extraction Win

Distilling, Control Lab No. 1, Extraction Plant and Plant Technicians are first quarter titlists in the four Plant Bowling Leagues. The first quarter flag races ended October 26 with Distilling on top in the Golden Shell League; Control Lab No. 1 first in Super Shell; Extraction Plant a winner in the Premium League; and Plant Technicians on the top rung in the X-100 League.

After two weeks action in the second quarter, these four winning teams find themselves trailing in each of their respective leagues. Biggest reversal of form has been in the case of Extraction Plant. They are in the cellar with a record of ½-5½.

Electricians and Machinists have taken six straight games to kick off the second quarter battle in the Premium League.

Elsewhere, Control Lab No.1 is in second spot in Super Shell, trailing pace setting Boiler House by ½ game. Distilling is mired in a four-way tie for third place in Golden Shell and trails first place Research Ramblers by two games.

Cracker Box, like the Electricians and Machinists, has walked off with six consecutive victories at the start of the second quarter and lead Plant Technicians by two games.

So it looks like a long, cold winter for the four defending first period champions. Here are the final first quarter standings in all four leagues:

GOLDEN SHELL

Team	W	L
Distilling	19	5
No. Prop. Engrs	15	9
Stores	14	10
Engr. Office	13½	10½
Res Rollaways	13½	10½
Res Ramblers	10	14
Alkylation	7	17
Engr. Mixups	4	20

PREMIUM

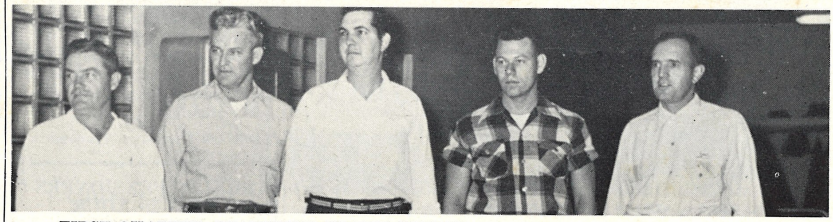
Team	W	L
Extraction Plant	17	7
Control Lab 2	14	10
Eng. Inspection	13	11
Elect.& Mach.	13	11
Reformers	12	12
Bulk Depot	11	13
Machinists	10	14
Inspectors	6	18

X-100

Plant Technicians	16	8
Cat Crackers	14	10
Whiz Kids	13	11
Dispatching	12	12
Tech Dept	11½	12½
Cracker Box	11½	12½
Research Lab	9	15
Control Lab 2	9	15

SUPER SHELL

Control Lab 1	17	7
Fire & Safety	16	8
Brick Masons	12	12
Boiler House	12	12
Res Relics	11	13
Gas Plant	10	14
Fab. Shop	10	14
Res Pilots	8	16



FIRST QUARTER CHAMPIONS IN THE PREMIUM LEAGUE were Extraction Plant. They won the title with a 17-7 record, three full games ahead of second place Control Lab No. 2. Team members pictured are, left to right, E. C. Williams, Elmer Graham, Bill Beets, Jerome Grover and Vic Buese. Other team members not present are Walt Fiessel, Claude Grafford, Harold Manns, Don Isted and Ben Simon.

Two Industrial Shell Teams Tied for Lead

International Shoe won the first quarter title in the Industrial League bowling race and it is tied for first place with Shell No. 1, Shell No. 2, Boxboard No. 2 and Sinclair after two weeks action in the second quarter championship race.

Both Shell entries have identical 4-2 records in the second quarter. Shell No. 2 finished fifth in the first quarter, just one game out of second and two games out of first place. Shell No. 1 ended up in eighthspot, but have been sparked during the second quarter so far by Joe Nagy, Paul (Dutch) Hertel and Lou Oden.

Joe Cronin, who tied for high individual average during the first period, rates second place in this quarter with a 187 average. Nagy, Hertel and Oden, all bowling with Shell No. 1, have averages of 184, 182 and 181 respectively, through games of November 8.

Cronin still holds the high three game individual total of 687. Hertel has fired the high single game, a blistering 266 (bowled during the first quarter) and Jesse Grover is second in single high game with a 258.

Shell No. 1 holds second in the team high single game, a 1010.