

1981 brings new name to Wood River

Jan. 1 has brought us a new year, and also a new name — Wood River Manufacturing Complex.

Wood River is the fifth Shell location to change its name from "refinery" to "manufacturing complex." Increased chemical production was responsible for the new name at Wood River.

Superintendent Warren Saunders explained, "Continuing to use the word 'refinery' wouldn't be descriptive of all of our actions. Refining is still our principal business, but our contribution in chemical production has become significant enough that it was no longer adequate to describe the plant as just a refinery."

Wood River ranks third among the five Shell manufacturing complexes in total volume of chemicals produced. Norco, La., and Deer Park, Texas, are the two largest chemical producers among the Shell complexes. Wood River is followed in chemical production by Wilmington, Calif., and Martinez, Calif.

Most of Wood River's chemical facilities are in Hydroprocessing. Wood River's principal chemical products are acetone, benzene, tertiary amylanes, hydrocarbon solvents and dutrexes (lube extracts). The acetone plant went on-line last August and has

the capacity to make acetone the number one volume chemical in the future at Wood River.

All costs of chemical production at Wood River are kept separate from costs of oil products. Shell Chemical Co., a division of Shell Oil Co., is billed appropriate charges for manpower, energy, maintenance and raw materials needed to manufacture chemicals. In turn, Shell Chemical Co. markets the finished products and sells them to available chemical buyers.

Among U.S. oil companies, Shell is the largest domestic producer of petrochemicals.

Because of increased chemical production at Wood River, refinery management petitioned Head Office in November to be renamed as a manufacturing complex. Within two weeks the request was approved.

The name change of Wood River Refinery is the first during its 62-year history. However, the names of the "Shell" companies owning the Wood River location have changed many times over the years.

The refinery was originally owned by Roxana Petroleum Co. of Oklahoma and began manufacturing products in 1918. Less than two years later, the parent company changed its name

to Roxana Petroleum Corp.

The corporation was selling gasoline under its brand name called Shell. The popularity of the gasoline convinced owners to change the corporation's name to Shell Petroleum Corp. in 1928 to better associate the product with its maker.

In 1939, west coast operations merged with the corporation which then changed its name to Shell Oil Company, Inc. The final change came in 1949 when Wood River's parent company was renamed as Shell Oil Co. during a simplification of corporate structure.

During all of these Shell name changes, the refinery remained known as Wood River Refinery. The 1981 name change to Wood River Manufacturing Complex recognizes the increasingly important part played by chemicals in Wood River's production.

People passing by Wood River will not notice the name change until later this year. The Wood River name painted on the southwest tank on main property will be changed when warmer weather hits the area. The Shell signs at both entrances of Wood River Manufacturing Complex will be changed then, too.



Monkey business

A chimpanzee from the Harwath Chimp Show does an amusing impersonation of a relaxed human. The act was part of the annual children's Christmas party held Dec. 10 at Wood River.

For more Christmas party photos, see page 3.



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Wood River Manufacturing Complex

January, 1981

Two new preheat systems create big energy savings

Two new air preheat systems installed at Distilling Unit No. 2 (DU-2) will help Wood River save 107,000 barrels of fuel annually, amounting to one of the largest single energy conservation actions in 1980.

The installation, completed in late December, was one part of the phased DU-2 shutdown. The new equipment will save fuel by taking the 940-degree air which previously went out the stack at DU-2 and sending it through a heat exchanger that preheats incoming combustion air to 550 degrees. In the past, incoming air was only as warm as the outside air, ranging from 100 degrees in the summer to 0 degrees in the winter.

Fred Stallard, senior engineer in P&PE who made a study of the air preheaters in July of 1979, said the value of the energy conservation project has increased because of the rising costs of crude oil.

"After the air preheat systems are brought into operation, we'll be saving roughly 300 barrels of fuel per day," said Stallard. "With crude oil now selling at about \$33 per barrel, the savings add up fast."

The installation of the air preheaters was one of the many projects at the DU-2 shutdown, only the second inspection/maintenance shutdown at DU-2 since its construction 11 years ago. Steve Franke, process manager of Distilling/Gas, was pleased to see the main portion of the shutdown finish very close to the Nov. 22 deadline and also stay within the planned budget.

"We were only 18 hours behind schedule, which was excellent considering all the surprises we had," said Franke. "We were able to deal with the unexpected problems and get back on the track quickly."

"I have a lot of gratitude and thanks for all the craftsmen and operators who actually made the shutdown a success. They knew we were on a tight schedule and they responded. We were able to do everything we planned, plus more."

One of the major efforts of the shutdown was cleaning the columns in the mixed crude and flasher sections of DU-2. It was the first time the columns had ever been cleaned, meaning everyone was unsure of what to expect.

"With 240-foot columns, you have to learn how to stage the various activities and keep the work moving in the different sections of the column," said Franke. "It turned out to be more difficult and more time-consuming than we had anticipated. The columns were dirtier than expected."

Columns were cleaned by hydroblasting, water being shot at 4,000 pounds per square inch to blast off accumulated coke and other materials on the column trays. Before hydroblasting techniques were developed, workers had to use paint scrapers to manually remove built-up deposits.

"Now you can clean trays down to the metal surface, which was nearly impossible with the old techniques," said Franke.

(Continued on page 2)



Welder Ron Emmons inspects his work.

@ Shell shorts

Contributions to United Way increase by \$12,775

Wood River employees have donated \$63,250 to the United Way for 1981, \$12,775 more than last year's campaign total.

The increase amounts to a sizeable 25 percent jump in United Way donations by Wood River employees. Campaign co-chairmen Bud Whittaker (Hydroprocessing) and John Unger (Employee Relations) appreciated the increased generosity and the growth in the number of employees participating.

"People obviously responded well to the need," said Unger. "Thanks is offered to all of those who have been faithful to United Way over the years as well as those who first jumped on the bandwagon this year."

Whittaker said, "I think solicitors were better able to explain what the funds are used for because of their training program. With this better understanding, employees dug down a little bit deeper in their pockets to give more."

In addition to the donations from Wood River employees, Shell Companies Foundation, Inc., donated \$61,300 to United Way agencies in the area. The donation brought the Shell grand total to \$124,550.

Computerized Car Pooling Comes To Wood River

Beginning later this month, Wood River employees will have the opportunity to fill out applications to take part in a computerized car pool program being sponsored by the Illinois Institute of Natural Resources.

Car pool match forms will be made available to all employees who would like to participate in the program. Information collected from the forms will be fed into a computer which matches employees living in the same areas.

The car pool match form asks for information such as home address, working hours and driving preferences. An accompanying grid map allows each employee to pinpoint their home location.

Within a few weeks, participating employees will receive a list of names of other individuals in the area who work similar hours and would like to car pool. The list does not obligate employees in any manner, but gives everyone the option of participating in a car pool.

The computerized service will be offered free of charge to all Shell employees in an effort to help form car pools and conserve energy.

Wood River donates diesel fuel for Alton Park

Wood River Manufacturing Complex has donated 1,200 gallons of diesel fuel to the Alton Parks and Recreation Commission for use in the development of Gordon F. Moore Community Park in Alton.

The construction of the park has been a community volunteer effort. For the past two years, Shell employees were among members of 20 unions which donated labor for the park. The volunteer work was estimated to be a \$1 million donation. Local contractors have supplied equipment for use also at no charge.

The 700-acre park now has eight soccer fields, five ball diamonds and horse riding trails. Future plans include a lake with swimming areas, seven additional ball diamonds, tennis courts and an 18-hole golf course.

Shell helps fund new Kennedy Center programs

The Shell Companies Foundation, Inc., has committed major funding for a new series of cultural programs to be aired over public television during the next three years.

The new series, named Kennedy Center Tonight, will feature 12 programs, both live and recorded, at the John F. Kennedy Center for the Performing Arts in Washington, D.C. The series will embrace a variety of performing arts — drama, dance, opera and symphony.

The Shell grant marks the first time the Shell Companies Foundation has underwritten a national public television series. Additional funding for the Kennedy series will come from the Corporation for Public Broadcasting.

New publication date

Starting this month, all issues of the *Wood River Review* will be printed and mailed during the first week of each month. Previous issues have been published during mid-month.

Because of the change, the 1980 December issue of the *Review*, scheduled to be printed in late December, was cancelled. All news and photographs which would have appeared in the December issue have been included in this issue.

New production deadlines have been made because of the change in publication dates. All story ideas and classified ads for upcoming issues must be reported by the 10th of the month to be included in the next month's issue.

Information should be given to Charlie Skaer, *Wood River Review* editor, located in Main Office room 313. Skaer can also be reached on phone extension 2168.

DU-2 shutdown

(Continued from page 1)

The steel liner of the DU-2 common furnace stack also needed replacement over a larger area than originally planned. The liner had been damaged in a fire on the west vacuum flasher furnace in April, 1980. A rupture of one of the preheat tubes caused the fire.

To reduce the potential for tube ruptures in the future, new tubes and improved controls were installed in the crude preheat sections of the DU-2 furnaces. The project also upgraded the metallurgy of preheat tubes to give them increased strength at high temperatures and to allow decoking. These improvements will also increase heat recovery in the preheat tubes.

Another improvement made during the shutdown was the installation of 10 new trays in the residue stripping section in the mixed crude column, giving it the ability to handle heavier crude.

"You have to use the crude which is available on the world market," said Franke. "The crudes we will most likely be handling in the future are heavier, sour crudes."

DU-2 will have greater operating flexibility because of more controls and revisions added



Glenn Gibler, left, Glenn Osterwisch and Art Kiehne, all of P&PE, make a final inspection of the DU-2 upper column.

during the shutdown. Improved instrumentation will give operators a better awareness of what is going on inside the unit.

"I would call the shutdown a great success," said Franke. "In addition to completing needed project and maintenance work, inspection information has substantially improved our confidence of being able to continue running the unit for the next five years without major problems."

Retirements -----



Bill Bunse
LOP
41 years



H.T. Sherer
Compounding
39 years



Antonio Vatole
Maintenance
33 years



Ralph Warren
Maintenance
32 years



Harvey Hill
Maintenance
30 years



Herman Foster
Maintenance
29 years

In remembrance -----



G. K. Bruce



H.I. Chamberlain



T.J. Frazier



J.B. Stiritz



A.W. Uhlig



J.W. Willeford

George Kimbro Bruce, 79, died Dec. 12. Mr. Bruce was a zone foreman in Eng. Field before retiring in 1961.

Harold I. Chamberlain, 78, died Dec. 22. Mr. Chamberlain was a crane man 1st in Eng. Field before retiring in 1960.

Thomas Jordan Frazier, 68, died Nov. 14. Mr. Frazier was an operations foreman in Dispatching before retiring in 1975.

Joseph Boedy Stiritz, 68, died Nov. 30. Mr. Stiritz was a pipefitter 1st in Eng. Field before retiring in 1970.

Alfred Walter Uhlig, 69, died Nov. 9. Mr. Uhlig was a pipefitter 1st in Eng. Field before retiring in 1972.

John Wesley Willeford, 79, died Dec. 6. Mr. Willeford was a yardman and chainman in Eng. Field before retiring in 1963.

Anniversaries -----



Leo Kunz
Quality Control
35 years



Lee Berleman
Hydroprocessing
30 years



Howard Bethel
LOP
25 years



Bob Brannan
Safety & IH
25 years



Dick Burton
Financial
25 years



Tony Calcaterra
Maintenance
25 years



Ben Koch
Lubricants
25 years



Harry Olive
Maintenance
25 years

Classifieds

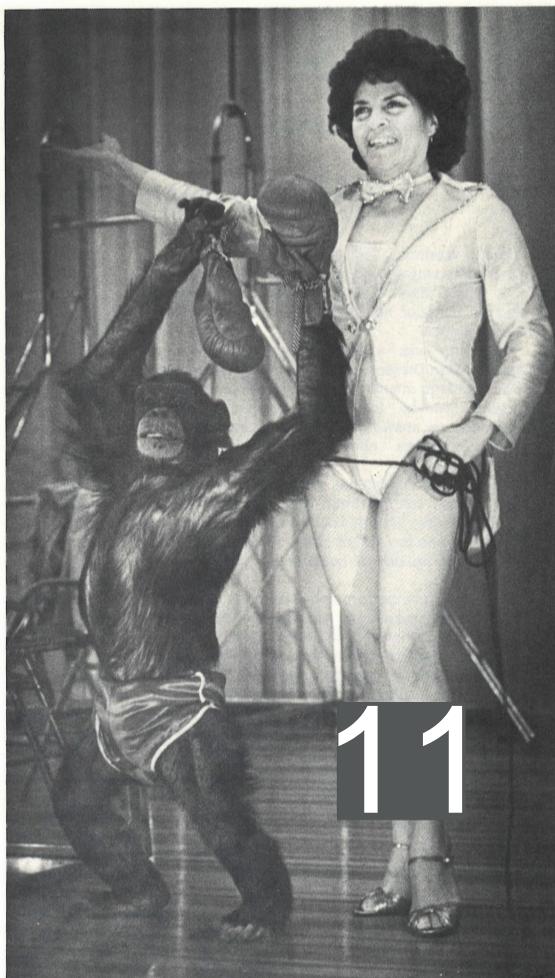
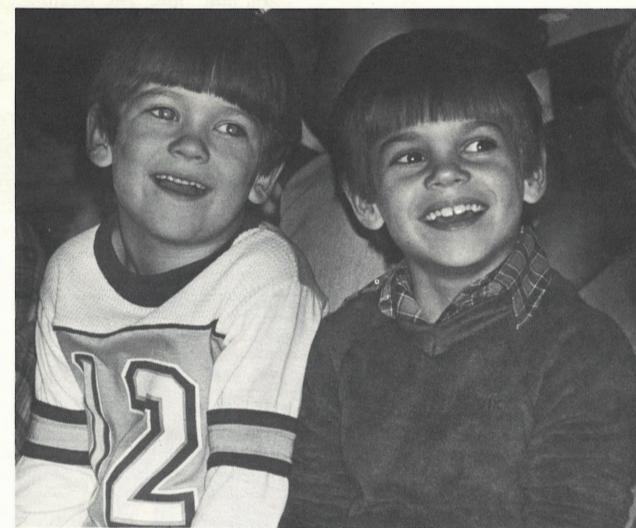
Pool table. One 4-by-8 table, includes cues and balls, needs some repair, \$100; Four brand new Firestone GR70x15 Firestone steel-belted radials, all four for \$300, call Andy Dick at 618-259-4342.

Boat Motor. One 15-horse Evinrude outboard motor, \$50, call Gary Abner at 618-466-8396.

Tires. Three GR78x15 whitewall radial tires with about 5,000 miles of tread remaining, \$5 each, call Wayne Sullivan at 618-259-0420.

Heater. 50,000 BTU natural gas heater, call Ken Watters at 618-377-9451.

Free. Classified ads in this section are printed free of charge for all Shell employees and pensioners. To report an item you'd like to buy or sell, mail your ad to Charlie Skaer, Main Office room 313, or call extension 2168.



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1980 Christmas party entertains young and old

The yuletide spirit was in the air at the annual children's Christmas party held Dec. 10 at the East Alton-Wood River Community High School. Hundreds of Shell pensioners and employees brought their children and grandchildren to the event and enjoyed an evening of family entertainment.

Upper right: Beauty and the beast stand side-by-side as Mrs. Eva Harwath smiles while her chimpanzee shows off his boxing talents. Mrs. Harwath and her husband Joe run the Harwath Chimp Show, one of the acts at the Christmas party.

Upper left: Brett Carroll (right), nephew of boilermaker Dave Daniel, and his newly-found friend Joey Harsey smile when Santa walks on stage.

Middle left: Jolly old Santa, alias Jerome Juda ('73 ret.-Eng. Field), belts out a big "Hoooo, hoooo, hoooo!"

Bottom left: Russ David leads his orchestra in the singing of a Christmas carol.

Center: Manuella Walten of the Walten Balancing Act performs a real eye-opening routine atop some open pieces of plywood supported by plastic cups.

Middle right: Trumpet player Harry Gosling of the Russ David Orchestra sings a comical tune about musical instruments.

Bottom right: Ventriloquist Grover Ruwe gets nothing but trouble as he tries to break the silent routine of his dummy. The dummy did decide to speak later, but offered his owner nothing but humorous complaints and insults.



Shell Recreation Association page

SRA crowd enjoys Wortman

Keith Wortman, left tackle for the St. Louis Cardinals, amused and informed the 160 guests at this year's Shell Recreation Association (SRA) awards banquet held Dec. 3 at the Wood River Moose Lodge.

Wortman was a replacement for scheduled speaker Dan Dierdorf, Cardinals' right tackle, who was unable to attend the dinner due to illness. The crowd seemed to enjoy Wortman's casual approach to answering questions, including his candid remarks about this year's faltering Cardinals.

"To sit and be a fan has made this a very strange year for me," said Wortman, who was placed on the injured reserve list after suffering a knee injury in the San Francisco 49'ers game on Sept. 14. "You go through periods of questioning just like every other fan."

The Cardinals performance has been especially dismal during the second halves of the 1980 games.

"They're pathetic, aren't they?" he said in a joking tone which received an appropriate burst of laughter from the crowd. He tried to give an explanation for the poor second halves.

"I'm really a firm believer that it's a mental attitude," he said. "When that second half rolls round, you have to believe good things are going to

happen. You have to have an undefeatable attitude."

Wortman wished the confidence of Cardinals coach Jim Hanifan would rub off on the entire Cardinals team.

"I have a great love for Hanifan, I really do," the left tackle said.

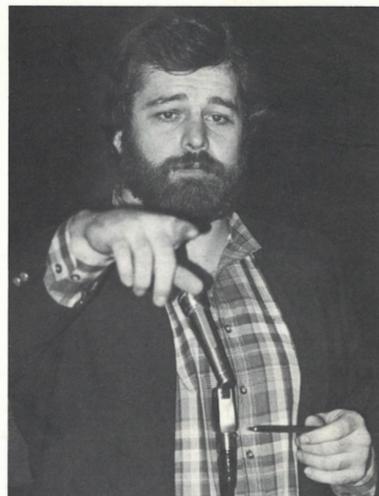
Another Shell employee said he was concerned about the high number of Cardinals with injuries.

"You're concerned!" Wortman said in a high tone of voice. "So am I. Just take a look at my knee." The crowd smiled again as Wortman went on to explain that practicing day after day on artificial turf makes more injuries probable than in previous years when softer, natural turf was predominantly used.

The Cardinal was asked what the team will be looking for in the draft.

"Hopefully not a left tackle," was his quick reply. Humorous answers were given by Wortman throughout the evening and helped him make it through the tougher questions asked by the Shell audience.

Near the end of his presentation Wortman broke down and asked, "Is there anything in the Fifth Amendment which gives immunity during question-and-answer sessions?"



Keith Wortman accepts another question.

Lastly, Wortman fielded a question about his predictions on this year's playoffs.

"I'd like to see Cleveland go to the Super Bowl," he said. "Pittsburgh has too many rings."

SRA president looks back at 1980

Increased membership.
Increased participation.
Increased activities.

Arlene Tutt, outgoing Shell Recreation Association president, is thankful for the three main achievements accomplished during her one-year term in office. She gives the bulk of the credit to the SRA board for working with Shell management to make the 1980 improvements.

"We've had one of the most active boards in years," says Tutt, explaining the SRA successes. "They were not just a 'sitting' board. Instead, they took the initiative to make reviews to try to find better ways to do things."

The board's enthusiasm paid off, as membership increased by 138 over 1979 totals, from 1,231 in 1979 to 1,369 in 1980. Compared to the 1,770 Wood River employees, the 1980 SRA figure marks one of the all-time highs for the employee-member ratio.

"We seem to offer a greater variety of activities than other employees' clubs at other Shell locations," says Tutt. "Hopefully these activities are varied enough to satisfy most members. With people still joining in November, I think there is evidence that SRA benefits are year-round."

"In fact, we even had some retirees call in who said they hadn't belonged to SRA before, but wanted to join now. I consider that to be a compliment."

Increased participation was evident by records showing that Kendall Hill Park had 2,000 more visitors than last year. The park's latest additions were two new volleyball

courts, one sand and the other grass. The overall size of the park was increased, an improvement made by clearing brush along the park's inside borders.

"Shell has given us quite a lot of financial support at Kendall Hill," says Tutt. "Anything installed at the park is paid for by the company. In both time and materials, the company has shown a big interest in the recreation of their employees."

Two barbecue pits are currently being fabricated at the boiler shop and will be installed at Kendall Hill before the park's April opening. The barbecue pits will each be 5 feet long and 30 inches wide, big enough to grill steaks and hamburgers for family gatherings as well as individual SRA league outings.

Other tentative plans for Kendall Hill include a tetherball set and two additions for the children — monkey bars and a sand pile.

Tutt says SRA members were kept informed about most activities because of the 1,000 SRA schedules printed on cards and distributed during the membership drive in late February and early March. The cards were one of SRA's successful experiments, as they helped members plan ahead to participate. She says the board got the idea of making the cards after seeing a larger schedule printed in the *Wood River Review*.

Two new activities were added in 1980 — a dance class and a radio club. Eleven couples joined the dance class which holds lessons every Tuesday evening in the cafeteria. The radio club has taken a boost in membership since its formation and is offering classes starting Jan. 15 for any individual wanting to obtain a ham radio license.

"We want to try new things," says Tutt. "We're always looking for new suggestions and ideas."

SRA basketball

The Roundballers went undefeated during the first six games of the SRA season to capture the first-half championship title. Last year the Roundballers went undefeated during the first half and also the second half to dominate league play.

The Roundballers closest game during this season's first half was against the Bombers on Dec. 16. The Roundballers won that game by nine points. In earlier games, the Roundballers defeated the Hoosiers by 11 points, beat the Stompers by 12 points, massacred the Maggots by 61 points and received a forfeit from the Saints.

SRA standings

	W	L
Roundballers	6	0
Hoosiers	4	2
Bombers	4	2
Stompers	3	3
Flyers	2	4
Saints	2	4
Maggots	0	6

Top 15 scorers

	Department	Team	Points
1. Kelly Sittin*	Hydroprocessing	Stompers	111
2. Greg Gudac	P&PE	Hoosiers	86
3. Larry Meisenheimer	Maintenance	Roundballers	83
4. Mitch Scroggins	Maintenance	Roundballers	80
5. Greg Franke	Hydroprocessing	Bombers	78
6. Mack Miller	Maintenance	Flyers	72
7. Larry Barringer	P&PE	Saints	69
8. Dave Hutton*	Eng. Services	Hoosiers	67
9. Ned Thompson	Lubricants	Bombers	63
10. Ed Young	Lubricants	Stompers	62
11. Jim McGibany	Hydroprocessing	Maggots	61
12. Jerry Dean	Maintenance	Bombers	57
13. Henry Hoehn*	Hydroprocessing	Maggots	55
14. Mark Paproth	Maintenance	Roundballers	54
15. Ron Miller*	Maintenance	Roundballers	53

*Denotes team captain



Wood River Review

