

United Way drive tops the charts

Shell - Wood River employees were asked to be pacesetters for area United Way drives, and they responded. The refinery drive was held the week of September 8, which preceded by a week the kick-off of the Alton-Wood River area drive.

As pacesetters, it was hoped Wood River employees would set an example for other organizations to follow in supporting the many United Way agencies that serve the surrounding communities.

The employees set an example for others -- and for themselves in future years -- by soaring past their monetary goal before the week was over. As the *Review* went to press, employee contributions were \$28,500 and rising.

This amount surpassed that collected last year which is even more impressive when one considers there are fewer people to be solicited, primarily due to the moving of the Research Laboratory to Houston.

According to Doug Smith, co-chairman for the refin-

ery's 1975 drive, average contributions were up about 15 percent over last year. The percentage of people contributing was up slightly as well.

Doug, Refinery Lab manager, said, "The success of our drive goes to the cooperation and hard work of people throughout the refinery, from the steering committee to the solicitors to the contributors. It's an example of people really trying to make it a success."

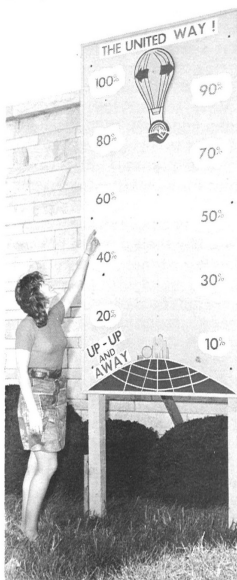
Carpenter 1st Don Hunt was the other co-chairman. He said, "Wood River employees are to be congratulated for making this a successful pacesetter drive. I hope everyone takes this to heart and vows to do even better next year."

Refinery manager Art Williams said, "Those who worked on the drive and all who participated are to be commended. Their efforts and dedication to helping the fine organizations associated with the United Way are most gratifying."

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WOOD RIVER REFINERY

OCTOBER, 1975



Sue Bonafede, employee relations clerk, points out that Wood River employees generously topped their United Way goal for 1975. Nearly \$29,000 was donated by Wood River employees.



As chairman of the "major corporate gifts" division of the Alton-Wood River area campaign, refinery manager Art Williams (right) is doubly pleased to present the Shell Companies Foundation check of \$36,000 to campaign chairman, Lou DeShong of Olin Corporation.

Distilling Department bats leadoff in refinery

Editor's note: In response to readers' suggestions, the REVIEW begins with this issue stories spotlighting the people and work of individual departments and crafts.

The refinery being as big as it is, many people can work here for a number of years, and not have much specific knowledge about another particular department or craft. These brief stories are planned to give you a better idea of the important and skillful work being done daily by refinery personnel.

Distilling is the first step in the refining process and, therefore, the first department to be featured:

Toppers

They weren't always called "distilling" units, and the processes themselves have undergone extensive change since Wood River Refinery was young. The initial process in the refinery did not become known as distillation until about World War II. Prior to then, the "topping" units were the mainstays, and even earlier they were called trumble units.

When the refinery was started in 1918, there were two trumble units with a combined daily throughput of 5,000 barrels. Today DU-1, brought on stream in De-

cember, 1953, and DU-2, completed in June 1969, have a combined capacity of about 300,000 barrels per day. DU-2 is significantly larger than DU-1 handling over two-thirds of the crude throughput.

Some 50 people perform the important duties necessary to keep the Distilling Department going. In addition to the two big crude distillation units, Distilling Department personnel perform "treating" functions for gasoline and cooling water.

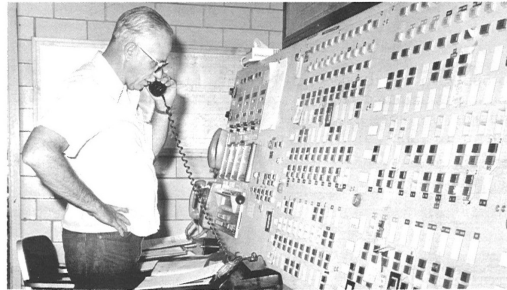
First stop

The Distilling Department is the first stop inside the refinery. All crude entering the refinery passes through here. The distillation processes, very basically, separate crude oil into various petroleum fractions, or partially refined products, through a series of giant tea pots or whiskey stills which "boil" the oil and then capture the byproducts as they come off.

It's not as simple as it sounds, as is evidenced by the highly complicated and integrated columns, furnaces, heat exchange arrangements, computers, and sophisticated control rooms.

Distilling personnel also control refinery intakes from the Southwest Crude Tank Farm by remote control. From a board in the DU-1 control room, operators draw crude oil to the two distilling units by pipeline from the crude storage tanks.

Between DU-1 and DU-2, the refinery is able to distill a



CRUDE CONTROLS. From a control board at DU-1, operator Bill Tulbee can direct by remote control crude oil from pipelines into storage tanks at Southwest Property and from there to either of the distilling units.

wide variety of crudes ranging from sour (high sulfur content) to sweet (low sulfur content) and in varying viscosities. Wood River Refinery processes crude oil from West Texas, Oklahoma, Louisiana, Mississippi, Canada, and other foreign countries, including in the Middle East. Most is from U.S. sources, however.

Treaters

In addition to distillation, important "treating" work is done by Distilling Department personnel.

Gasoline is treated in either the Cat Cracked Gasoline Treater or the Solutizer Treater to improve odor, storage stability, and the antiknock susceptibility of gasoline. These processes are monitored from a modern control room on Fourth Street not far from the Main Gate.

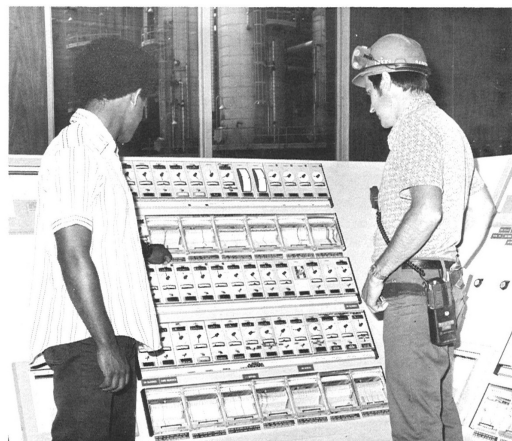
Even water is treated in the Distilling Department. Refinery cooling water is

treated here to remove undesired solids which can foul cooling water condensers used throughout the refinery.

The two treaters are huge "water softeners" 64 feet in diameter and 15 feet deep. They can each treat 4,100 gallons of water per minute. Calcium and magnesium bicarbonates, iron, and manganese are removed to produce a clear water, ideal for use in refinery recirculating water systems.

The work done in the Distilling Department is only a part of that done in the refinery, but it is a key to refinery operation because it provides basic feed stocks for the rest of the refinery. If the "mouth" shuts down, it doesn't take long for the rest of the refinery to begin feeling the pains of a starvation diet.

More pictures on
Page four.



INSTANT READOUT and control of temperatures, pressures, and volumes at hundreds of locations within the giant DU-2 complex are at the fingertips of Distilling operators. Here, operators Larry LeFlore (left) and George Ritter monitor the operation of the vacuum flasher.

Sports and shorts

Pensioners' Christmas Dinner

All Wood River pensioners are invited to the annual Christmas season get together to be held on Saturday, December 6, at the Lewis and Clark Restaurant in East Alton. Activities begin at 11 am and last until 3 pm including a buffet meal. Invitations will be mailed in late November.

Fall Dance

The annual SRA Fall Dance will be held Friday, November 7, but the location is new. It will be held in the large, luxurious facilities of the Madison County Fireman's Association Building in Collinsville. The Four Seasons Band will entertain. There will be food, refreshments, and prizes. Cost is a mere \$7 per guest couple and \$4 per SRA couple.

Quacks capture trapshoot title

The Shell Quacks are the 1975 SRA Trap Team winners. This is the third consecutive year this team of predominantly pipefitters has won. The lone non-fitter member of the team, Bill Magruder, operator in Utilities, paced the team with a 94 percent hit ratio for the season. Ralph Cooke, retired pipefitter, followed Bill with a 91 average. Other members of the team are Raymond Dickenson, John Fields, Truman Hargiss, Carl Madoux, Bob Cruthis, and team captain Frank Stringer.

FORE-midable golfer

Refinery superintendent Warren Saunders continues to swing a hot stick on the golf course. His latest trophies include two from the recent Joint Alton/Wood River Chambers of Commerce golf tournament held at Lockhaven Country Club. He captured low net score with a 71 (scratch of 74) and blasted a 260-plus yard drive ... right down the middle ... for long-drive honors. (See also in this issue the story of his hole-in-one at Belk Golf Course.)

Duplicate bridge

The annual competition for the Martha Kimmel Memorial Trophy will be held Sunday, October 12, at 1 pm in the refinery cafeteria. SRA members and their families are invited to enter. No advance registration is necessary.

World-wide bridge

With hands dealt by computer, Shell employees/retirees and their partners all around the globe will be competing for top duplicate bridge honors in November. Locally, the action will be in the refinery cafeteria at 1 pm on Sunday, November 2.

Saunders shows his ace-in-the-hole

The Review has it on absolutely unimpeachable testimony that Warren Saunders, refinery superintendent, made a hole-in-one July 31 at Belk Park Golf Course. Why so certain? Because Warren's playing partner that day happened to be Review editor, Bill Gibson.

Saunders made his ace by flying a nine iron to within six inches of the cup on the 130-yard eighth hole and then

seeing it hop right in! "That's the first hole-in-one I've made in 43 years of playing golf," exclaimed Saunders. "I've been playing since I was eight years old, and I was beginning to think I'd never get one."

Warren indicated he's been very close on several occasions, which isn't surprising because he's been a low handicap golfer for about 35 years ... close, but never in, until

now.

Gibson said, "That's the first hole-in-one I've seen from the tee. I yelled louder than Warren did. In mid-flight, Warren said it was going to go in. You hear that from golfers all the time, but he wasn't kidding!"

Bill continued, "The circumstances surrounding the shot were kinda interesting. We were playing a match in the SRA tournament. Warren had me one down going to number eight in our 9-hole match. He shot first and made the hole-in-one."

"What was I to do? I had to follow him in just to keep the match alive! I 'graciously' only parred."

Saunders wasn't rattled by his feat, as he went on to birdie the par-four ninth hole to card a two under par 34 for the round. Not bad!

Warren's memorable shot was made on the eve of a two-week vacation ... which is a pretty nice way to start a vacation. But get this: he wasn't even taking his sticks with him on the vacation, just tennis equipment (he enjoys playing tennis even more than golf).

But, heck why *should* he take his clubs along ... that's a pretty hard act to follow.



ACE. Warren Saunders, refinery superintendent, shows how close his ball landed to the cup on number eight at Belk G.C. It hopped right in for a hole-in-one.

Pensioners' potted plants prove powerfully potted

Some salad! When retired special tester John Sheraka and his wife, Judy, planted some tomato seedlings in their Wood River back yard last spring they hoped for some good salad fixin's. They got more than they expected.

With tender loving care, John and Judy brought along to their surprise two healthy tomato plants ... and three even more healthy marijuana plants!

The seeds, originally ordered by their daughter, Mrs. Shirley Stone, were from a Miami seed company and were advertised as "tomato-trees" capable of a 15-foot growth. Mrs. Sheraka said, "Those folks' seeds sure didn't live up to their advertising ... none of the five plants ever got above five feet."

Although the plants didn't look exactly alike, they did have enough similarities in appearance that the Sherakas' never suspected anything was amiss ... until one night. "We were watching a TV show where they had film of marijuana growing in the wild," said Mrs. Sheraka. "I turned to John and told him 'that looks like our tomato plant.'"

Sure enough, the Sherakas' sent samples of their healthy "tomato" plant to a garden expert, and he confirmed their new-found suspicions that this particular plant had a little more spicy past than your run-of-the-mill garden variety. The final result was the three outlaw plants went up in smoke ... in a back yard bonfire with all onlookers

upwind at a safe distance.

Mrs. Sheraka said she experienced a certain amount of sadness at the cremation. She said, "Them being illegal and all, we didn't mind destroying them, but, you know, they really were pretty plants to look at."

"We pampered all those 'tomato' plants throughout the season ... giving them plenty of water and plant food and keeping the weeds away. I was beginning to lose faith that those three would ever bear tomatoes, but kept hoping they'd come out with

some pretty blooms or something."

The Sherakas' plant-of-a-different-color story has received amused interest from all over the country. John said, "We've had people from as far away as California want to interview us for their newspapers or TV, and we've gotten some friendly ribbing from our friends, too."

He said, "I guess we learned one thing from all this: you can't expect any tomatoes from a marijuana plant."



DON'T SMOKE THE TOMATOES. John Sheraka, retiree from the Refinery Lab, and his wife, Judy, show their real tomato tree. All their tomato seeds didn't come up the same however.

Anniversaries



Vern Walker
Refinery Lab
40 years



Virgil Hellinger
Cracking
35 years



Ed Hoffman
Lubricants
35 years



George Hughes
Distilling
35 years



Bob O'Connell
L.O.P. - Gas
30 years



Charlie Pike
Aromatics East
30 years



George Swires
Compounding
30 years



Bob Waymire
Alkylation
30 years



Tom Colgate
Eng. Office
25 years



Harvey Hill
Painter
25 years



Howard Weaver
Pipefitter
25 years

Shell game . . .

Super softball played by Granite City gals

A group of young ladies in Granite City has become a dynasty in slow-pitch softball, and people associated with the Wood River Refinery are playing a big part in it. The team, sponsored by Petrillo's Produce, has been state champ three years running.

Three of the players are refinery daughters, and the coach is an engineering foreman. Marv Brokaw has been coaching the team since it was formed six years ago, and his two daughters, Pam and Becky, are regulars along with Pat Dochwat, daughter of Pete Dochwat, compounder helper in Compounding.



DOCHWAT SWAT. Pat Dochwat, daughter of Pete Dochwat of Compounding, is one of the three Shell daughters playing on the state champion Petrillo's team of Granite City.

If you fancy yourself as a pretty slick softball player, or have a team you think is pretty good, read on about this team of talented young ladies . . . and you may have some second thoughts about ever wanting to challenge them.

Starting young

Says Marv Brokaw, "All these girls have come a long way from the awkward junior high schoolers they started out as. I can honestly say that right now they can play in the same league with any women's slow-pitch team in the country. Well, their record already shows that -- and they're still improving."

The first year for the team was one of a learning process, but by the second year they won their junior high school age league -- a feat they duplicated the following year. Said coach Brokaw, "During that second winning season I could see the girls had developed to the point where they could compete with the best of them."

"But since they were only 14 years' old, they weren't eligible to play in the regular women's leagues. We could enter the 'open competition' of tournament play, though, so when the elimination tournaments leading to the state title came around, we jumped right into the top-level (Quad-A) action."

State champions

That was only the beginning. The following year (1973), Petrillo's girls had reached high school age, and

they breezed through the regular season undefeated to win the high school league. In addition, they won not only four area tournaments but also the state title. The dynasty was beginning.

Not satisfied with the competition of just one league, Marv Brokaw's Petrillo-pounders (certainly not patsies) played in two leagues in 1974 -- the high school league again, and a top Southern Illinois women's league -- and won them both.

They went on to Illinois state champions for the second year running -- this time undefeated. They lost in the national regionals in Chicago, but their overall season record of 50 and 6, including tournament play, marked them as a team to be reckoned with.

Undefeated the byword

The 1975 season just completed is their best ever. "Our record has improved every year, and we're already looking forward to next year," said Brokaw. (See box on this page for Petrillo's league and tournament records and season statistics.)

The team again won both the leagues they entered, not to mention the city and state championships and several open tournaments . . . all undefeated! No team had ever won three consecutive Illinois state championships until this team of Granite City girls did it in 1975.

In four tries in state-wide competition, Petrillo's has



OUR DAD THE COACH. Marv Brokaw is flanked by his daughters Pam and Becky. Marv, an engineering foreman, is coach, and the Brokaw girls are stalwarts on the women's state slow-pitch softball champions.

come up with three first-place trophies and one second while compiling a 33-3 record. The team consistently has placed a half dozen girls on the all-state all-star roster, and has had the tournament's most valuable player three of the last four years.

Enthusiastic pride

What's the secret of this fantastic team? "Youth and enthusiasm, mostly," said Marv. "And throw in intelligence and basic athletic ability. All these girls are good students, many of them honor students. They learn quickly and retain their knowledge and skills."

"People who see us for the first time are amazed at the quality of play. It goes to show that girls can be girls and still be very talented athletes."

"Another great help to this team has been the tremendous Granite City backing we've had. We have a big following -- not the least of which is the support of the girls' parents. They are with

us at home or away . . . even sometimes when their girl is unable to make a game because of school, illness, or the like."

National champs?

Any thoughts for next year? "Although several of the girls are going away to college and will have to miss the first part of the season, they'll be back for the summer," said Marv. "In addition, we're picking up some other good players from the Granite area. We hope to be even better next year."

Marv emphasized, "That brings up a couple important points. This is still a team of local teenagers. Unlike some of the out-state teams we play, our team is made up of Granite City girls. If we drew upon talent from as wide an area as those teams do, there's no doubt in my mind we'd be national champs."

"Even so, we hope to reach that plateau as a strictly Granite City area team . . . come on out and watch us to see if we can make it."

We will! We will!

Retirements



Paul Dvorchak
Refinery Lab
36 years



John Unterbrink
Pipefitter
36 years



John Williams
Insulator
34 years



S. Ferrari
Chainman
33 years



John Robinson
Eng. Field
32 years

In Remembrance

SEIGLE W. ANDERSON, July 20. Mr. Anderson was a boilermaker helper before retiring in 1953. He was nearly 72.



S. W. Anderson

RAYMOND R. MOORE, August 13. Mr. Moore was an engineering zone foreman before retiring in 1959. He was 69.



R. R. Moore

ELBERT LEE KIMMEL, August 15. Mr. Kimmel was a service assistant in the Research Laboratory before retiring in 1965. He was 71.



E. L. Kimmel

FREDERICK C. SCHUETTE, July 25. Mr. Schuette was a research lab assistant before retiring in 1961. He was 71.



F. C. Schuette

Petrillo's 1975 Season Records

Granite City Quad-A League -----	Undefeated Champions
Maryville Quad-A League -----	Undefeated Champions
Granite City Championship -----	Undefeated Champions
Metro-East Open Tourney -----	Undefeated Champions
July 4 Open Tourney -----	Undefeated Champions
Labor Day Open Tourney -----	Undefeated Champions
Illinois State Championship -----	Undefeated Champions
National Regional Championship -----	Second Place

Petrillo's 1975 Team Statistics

Runs scored: 9.6 per game
Runs against: .98 per game
Shutouts pitched: 20 of 58 games*
Team batting av: .387
Opponent batting av: .222

* In slow-pitch softball, the pitch must arch at least three feet, there is no upward limit. Petrillo pitcher, Dianne Daugherty, has perfected her pitching arch up to 25 feet. She walked only six batters in 58 games while striking out 20.

And now, what am I bid for this tract of the Gulf?

The offshore search goes on, and Shell continues to play an active role in it.

In the last two Federal Offshore Lease Sales, held in New Orleans, Shell and its partners were apparent successful high bidders in 14 tracts offered in the Gulf area. Bids on these 14 tracts totaled \$48,370,000.

May sale

After the late-May lease sale, Shell and its partners were awarded ten tracts offshore Louisiana and Texas following bids totaling \$27.9 million.

Seven of Shell's tracts are in generally productive areas off the Louisiana coast. One, in the Vermillion area, is adjacent to a tract held by Shell and its partners on which gas has been discovered.

Two other tracts acquired at this May's sale adjoin ex-

isting Shell leases on which platforms have been installed. The remaining three tracts are in the North Padre Island area along the lower Texas coast.

Shell's high bid for an additional off-Texas tract was rejected as were high bids by others on 15 other tracts. The 16 rejected high bids totaled \$17.8 million.

July sale

At the latest lease sale, held in New Orleans July 29, Shell was apparent successful bidder on four offshore Louisiana and Texas tracts. Two of the tracts are in Texas offshore waters in the Galveston and High Island areas, and the other two tracts offshore Louisiana in the East Cameron area.

The highest Shell bid during the July sale was \$8,585,000 for a 5,760-acre

tract in High Island Block 179. In apparently securing the four high bids, Shell submitted 15 bids totaling \$42,560,000.

Less bidding

During the May and July lease sales the Department of Interior's Bureau of Land Management had offered for lease 628 tracts covering several million acres. Only 182 of

the tracts drew bids.

Speaking after the May lease sale, Jack C. Threet, Shell vice president of the Southern Exploration and Production Region, said, "We're seeing a trend of less bonus money being exposed and lower bids in these recent lease sales involving offshore Gulf of Mexico tracts."

"There are several reasons

for this. We are approaching an advanced stage in our exploration in the Gulf. The tracts now being offered are largely picked over, and most carry high dry-hole risks.

"Also, there is uncertainty about economic premises facing the industry. Anything which chips away at needed profits for exploration is bound to affect bidding."

Classified ads

For sale

Household items. Sears washer, like new. All steel and finished porcelain. 20 pound load. \$150. Blue-green 7-foot divan, like new. Two boudoir chairs. 618-465-1264.

Antique table. Refinished gate-leg antique table. Excellent condition. \$150. Jules Weshinsky. 618-887-4379.

Typewriters. Electric office type. One year old. Also, mechanical typewriter. Arthur Iberg. 618-654-9745 after 5:30 pm.

1972 Dart Swinger. New tires and shocks. Air conditioning. 318 cubic inch. Ray Alexander. 618-498-3930.

Tradewinds tent camper. Sleeps six. LP stove. 12V-110V ice box.

Excellent condition. Jim Grizzle. 618-259-0258.

Garden Rototiller. Good condition. William Brockman. 618-656-1391.

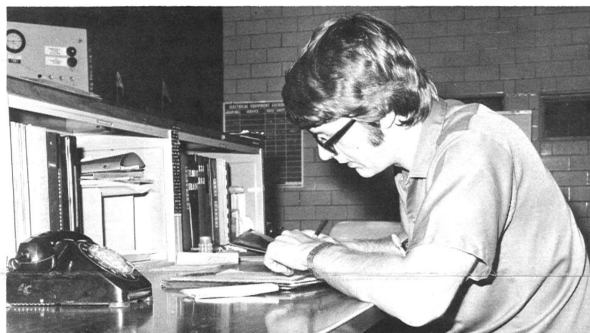
Wanted

Car pool ride. From 7443 Lyn-dover Place, Maplewood, Missouri. Call the machine shop or 314-647-6474. Richard Kinkelar.

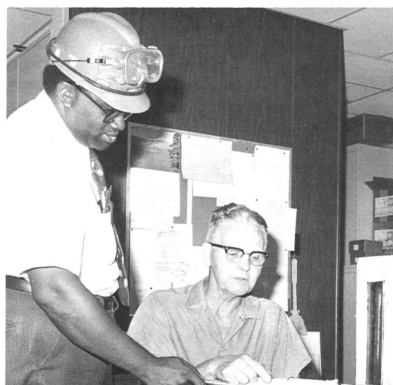
From page one: Distilling Department lineup



KEEP IN TOUCH. A special phone in the DU-2 control room allows communication with operators or craftsmen working outside on the units. Hourly foreman, Bob McDonough, uses this "gray-line."



KEEPING THE LOG. An important duty in the day of an operator is logging various data pertaining to the operation of the units. Gary Lang, DU-1 operator, fills in the running record.



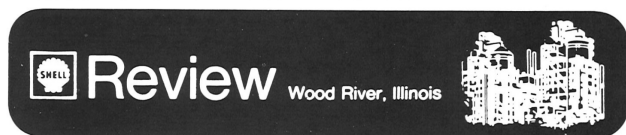
DATA DISCUSS ON. Bob Gray, engineer, and Dave Gurley, operator at the Light Oil Treater, discuss test results. The Light Oil Treater removes sulfur compounds from straight run and cracked gasolines. Bob Gray provides day-to-day technical assistance throughout Light Oil Processing, of which Distilling is a part.



Bob Harrell is the process manager of Distilling.



DESALTING of crude to reduce corrosion in downstream units is an early step in the distilling process. Operator Carl Lorenz opens a valve at the electric desalter.



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Bill Gibson, editor

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