



Wood River Review



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WOOD RIVER REFINERY

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The man turned in his saddle at the head of the column is Russ Leggett (E&S). He's leading a trail ride on the trails he built at Alton's new Gordon F. Moore Community Park. Story is on page 2. (Photo by Jo Anne Lenz)

Gas by the liter: what you see is what you pay

It's been a while since anyone's seen gasoline prices in the 30-cent range, but they'll soon be seen again at area Shell stations.

No, it doesn't mean a tankful of gas will cost any less than it does now, but it does mean an end to the aggravation of pumping \$10 worth of gasoline into a fuel tank, then remembering that the actual cost is \$20.

That's because Shell stations on the Illinois side will begin marketing gasoline by the liter Feb. 15, putting an end to the pricing of gasoline by the half gallon which has served as an interim measure since gasoline prices went over \$1 a gallon. Missouri dealers are expected to follow suit March 31.

A liter is a little over a quart, and four liters are just a bit larger than a gallon. That means the equivalent price of a liter of gasoline is slightly more than one-fourth the price of a gallon,

or 30 to 35 cents per liter at today's prices.

A resolution calling for a planned and coordinated voluntary conversion to liters was passed by the U.S. Metric Board last June 21, and Shell notified the various states' bureaus of weights and measures in July that the company supports the resolution.

Sale of gasoline by the liter is considered by Shell to be the most logical and long-term solution to the problem of half-gallon prices which have resulted because most gasoline pumps won't register unit prices of \$1 or more.

Liter pricing allows the full unit price to be entered into gasoline pump computers, and the pump with a modified gear box will then register the full price of each sale instead of just half the total sale.

Ed Garey, sales manager for the St. Louis Marketing District, said the conversion has already taken place in several other Shell marketing districts, and has been fairly well received by motorists unhappy with half-gallon pricing.

In addition to street signs which will show prices in liters, Garey said pump toppers at Shell stations will also give the price in gallons.

As independent businessmen, dealers are free to choose how they sell gasoline, but Garey said he is confident that the vast majority will support the conversion.

The magic number for motorists who want to keep track of how many gallons they're buying is 3.785. That's how many liters are in a gallon, and a motorist who buys 50 liters of gasoline can divide 50 by 3.785 to learn that 50 liters is equivalent to 13.2 gallons.

The same calculations can be done to learn how much gasoline currently priced in gallons will cost per liter. Gasoline at \$1.20 per gallon will cost 31.7 cents per liter (\$1.20 divided by 3.785). At \$1.30 per gallon, gasoline will cost 34.3 cents per liter, and at \$1.50, 39.6 cents per liter.

If gasoline ever hits \$2 a gallon, it will be selling for 52.8 cents per liter.

Motorists who want to know how many liters their gas tanks will hold can multiply by 3.785. A 10-gallon gas tank will hold 37.85 liters (10 times 3.785). A 20-gallon tank will become a 75.7-liter tank, and a 30-gallon tank will hold 113.55 liters.

Those who like doing their math more than one way can (Continued on page 2)

Record investment plan outlined

A \$2.7 billion investment program for 1980 exceeds Shell's previous record high of about \$2.5 billion for 1979, according to John F. Bookout, president.

Bookout says the figure does not include the acquisition cost of \$3.6 billion for Belridge Oil Co.

About \$1.65 billion or 60 percent of the total will be spent in the United States to explore for and develop domestic energy resources. Another \$240 million or nine percent will be spent overseas, principally to develop Shell fields in Malaysia and Cameroon.

"Shell hopes during 1980 to exceed or at least maintain net production of 416,000 barrels of oil and 1.8 billion cubic feet of natural gas we averaged per day during 1979," Bookout said.

Another \$105 million of the 1980 total is designated to launch a new, four year modernization program at Shell's three West Coast refineries located at Wilmington and Martinez, Calif., and at Anacortes, Wash. Although this project still is in a preliminary stage, construction could begin by mid-year if negotiations with local agencies on permit conditions and restrictions are successful.

"With the refinery modernization, Shell hopes to substitute more domestically produced California-type heavy, high sulfur crude for some 30,000 barrels per day of imported foreign oil. We also plan to increase production of low sulfur distillate fuels by 1 million gallons per day. Energy conserving measures designed into the modernization plans could save an estimated 50,000 gallons of fuel per day," Bookout said.

Construction will start on Shell's first grass roots coal mine during 1980. The new mine is near Gillette, Wyo. Work should start by mid-year. First deliveries are expected in 1981, and full production of 6 million tons per year is planned for 1984.

In other projects funded by the 1980 budget, Shell plans:

- Exploration work on vari-

ous offshore leases which cover 139,000 acres and for which Shell in 1979 paid \$373 million;

- Drilling or participating in the drilling of 119 exploratory wells, compared with 100 wells in 1979;

- Increased heavy oil production through steam injection, especially in Shell's newly acquired Belridge properties.

"We're going to make a substantial investment at Belridge which should enable us, through application of our thermal recovery technology, to increase production significantly," Bookout said.

Bookout also said that installation of an 80-well drilling platform and production platform complex began early this year in Shell's Beta field off the coast of California to tap sands discovered in 1976. A second platform with 60 well slots is being designed.

Production is expected to start late in the year, and peak at some 25,000 barrels of oil per day by the mid-1980s. Total cost of the development could be more than \$400 million. Shell has a 50 percent interest in the Beta field, estimated to contain about 150 million barrels of recoverable oil.

Shell plans to commit more than one half billion dollars for exploration and production in the offshore waters in the Gulf of Mexico during 1980. In 1979, Shell acquired interest in 18 new tracts covering 80,369 acres for \$269 million.

Shell production from the Gulf averaged 131,500 barrels of oil and 975 million cubic feet of natural gas per day during 1979. Since the late 1940s, Shell has produced over 1.33 billion barrels of oil and 5.2 trillion cubic feet of natural gas in the offshore Gulf of Mexico.

In September of 1979, Shell production began in the Cognac field off the mouth of the Mississippi River. By year-end the field produced 10,000 barrels per day. It is expected to produce 50,000 barrels of oil per day by 1983 and 150 million cubic feet of natural gas per day by 1992. Ultimate recovery is expected to be about 100 million barrels of oil and 500 billion cubic feet of natural gas.

Shell's 1980 investment plan includes about \$60 million for exploration and development work in Michigan. Since 1969, Shell has drilled more than 1,000 wells, about half of them successful, and is the largest producer in a trend which stretches from Lake Michigan to Lake Huron. Record production levels were set for Shell in July, 1979, with 70,000 barrels of oil and gas liquids and 254 million cubic feet of natural gas per day.

About \$50 million is targeted for further exploration and development in the Tuscaloosa-Woodbine trend which extends from East Texas to Southeast Louisiana. Wells in this trend range from 17,000 to over 20,000 feet deep. Gas pressures are very high. To drill and equip

a well costs between \$5 million and \$10 million. Shell has more than \$100 million invested in the play and has drilled more than 15 wells. Shell production has increased to 26 million cubic feet of natural gas per day.

For the Williston Basin of Montana and North Dakota, Shell plans to spend \$85 million in 1980. Shell has made 10 wildcat discoveries, including the Mondak field. There were more than 60 Shell interest development wells drilled by the end of 1979. Production from the field reached 4,000 barrels of oil per day by year-end.

Looking at other areas of Shell business, Bookout said that in 1979 the last of more than a dozen major processing units included in a five-year program came on stream at the Deer Park, Texas, Manufacturing Complex.

They represent a total capital investment of more than \$900 million, and they made full-time jobs for more than 500 plant workers and 5,500 jobs for construction workers. More than \$50 million was spent to improve an extensive waste water system. A new central power system brought new energy savings to plant operations, he said.

At Norco, La., work continued on a new olefins plant which represents a total capital investment of more than \$500 million. Almost 3,000 construction workers are expected to be employed on the project through 1980.



Children joined Santa onstage to sing Christmas carols and visit with him for a while following Wood River's annual Christmas party in the East Alton-Wood River Community High School gym Dec. 12. Russ David and his

orchestra again provided music and booked performers for the event. More photos are on page 3.

Lenny and Frank

MAINTENANCE & SUPPLY



"SORRY FRANK, BUT UNTIL THE SANDING CREW GETS OUT, THAT'S THE BEST I CAN DO."

Leap Day dance planned

The Shell Recreation Association's Spring Dance becomes a "Leap Day" dance this year in an effort to schedule the dance at a time when more members are able to attend.

SRA Social Committee chairman Becky Brase said the dance has been moved up to Feb. 29 this year in hopes of improving attendance.

The Spring Dance draws a smaller crowd than the Fall Dance, and many members of the SRA board expressed the opinion that SRA members are often involved in other activities by the time the Spring Dance is scheduled.

The Today band, which plays a variety of music from ballroom to disco, has been booked for the dance, and will play in the

Collinsville Firemen's Hall from 9 p.m. to 1 a.m. A fried chicken dinner will be served prior to the dance from 7 to 9 p.m.

Home is top energy waster

The biggest energy waster in your home is your home itself. That's one of the key statements in "The Home Energy-Saving Book," the latest in the "Come to Shell for Answers" series of consumer information booklets.

The booklet notes that about two-thirds of the energy used in most homes is for heating and cooling. Yet many householders' heating and cooling dollars may be leaking out through windows, doors, tiny cracks and holes, and poorly insulated ceilings, walls, and floors.

Finding and sealing these leaks is relatively easy and inexpensive, and the new booklet features a checklist on the best ways to get the job done. It also explains how home energy can be saved by proper insulation and by judicious use of such things as gas furnace pilot lights, washers and dryers, fans

and space heaters, and small appliances.

All these energy-saving measures add up. In fact, the subtitle of the booklet notes that they can save the householder "up to 50 percent" on home energy.

"The Home Energy-Saving Book" was written by Sheldon Lambert, Shell's manager of Energy Economics, after consultation with officials on national and local levels to learn what's being done to encourage conservation in the home.

Copies of the new booklet are available through many national magazines and participating Shell service stations. Additional copies may be obtained by writing: Home Energy-Saving Book, Shell Oil Company, P. O. Box 2463, Room 1535-D, Houston, Texas 77001.

Retirements



George Swires
Compounding
34 Years

Shell horseman builds public riding trails

When Russ Leggett thinks spring, he thinks horses.

He thinks horses the rest of the year, too, but spring is special because it brings with it the first trail ride of the season, and Leggett, who works in Economics and Scheduling, likes trail riding. He likes it so well, in fact, that he was willing to go out and build two public riding trails at Alton's new Gordon F. Moore Community Park.

Now, while the rest of us are still wondering if we'll have any snow this winter, Leggett is already making plans for spring trail rides. Part of that planning includes the season's first ride of the Illinois Boots and Saddle Club, for which Leggett served as president last year and "retired to the board" this year.

"We usually plan our first trail ride of the season around Easter," Leggett said. "We used to use Pere Marquette Park (near Grafton) mostly, but the new trails at Moore Park will really be convenient to use."

He said the new trails are the only public riding trails in the Alton-Wood River area, and that the closest public trails before were at Pere Marquette Park and at Greensfelder Park in Pacific, Mo. Moore Park, newest

addition to Alton's Parks and Recreation Department, is located at the east end of College Avenue across from the Alton Mental Health Center.

Surrounding farms and the perimeter of the SIU campus in Edwardsville have also been used for occasional rides.

"There used to be some farmers who didn't mind letting a small trail group use their fields between crop season," Leggett said, "but there are none in this area willing to do that now because a few trail riders have abused the privilege and littered the farms."

Feeling the need for nearby trails which could be used anytime the weather permitted, Leggett and his wife, Aileen, proposed riding trails when they learned of plans for the new park two years ago.

He said the idea was well received by Alton's Parks and Recreation Department, but it took some time to work out details for insurance coverage and to overcome objections from some members of the Sierra Club, a conservationist group.

Approval was finally granted last July, however, and Leggett took vacation in August to begin work on the trails. Mean-

while, he had been joined by Roger Wade, owner of Wade's Western World in Alton, and the two continued working nights and weekends clearing brush and debris for the trails.

Leggett said the Alton Parks and Recreation Department provided a tractor and driver to help prepare some of the open areas, but that many of the densest areas had to be cleared a piece at a time by hand.

By October, they could see an end in sight, and sought help from the Boots and Saddle Club to finish the final sections.

"We got about 30 volunteers out to help on our final day," Leggett said, "and they pushed right through the hardest parts with the heaviest undergrowth."

Official dedication of the trail took place Oct. 28, and included both a jeep tour for city officials and a trail ride led by Leggett.

He said the trails are open all year, but that the park gates may be closed because of work currently going on in other parts of the park. He said riders may call the Alton Parks and Recreation Department, which will send someone to open the gates, or he will come and open the gates for riders wishing to use the trails on weekends.

There is still some finishing work left to be done on the trails, too. Leggett said he hopes to obtain donations of wood to make signs marking the trails, and a branding iron to decorate the signs with a horse silhouette.

It takes about two and a half hours to ride both trails, and a planned expansion may add another hour to the ride.

Leggett presently keeps four horses which he and his family ride. He said all four have been trained as gentle trail horses, and that training recently led to his involvement in another community service project.

During the recent United Way Fund drive, the campaign chairman was seeking a horse to use for one of the campaign



Alton Mayor Paul Lenz, right, joined Russ Leggett (E&S), left, and Roger Wade of Alton during dedication ceremonies for the riding trails built by Leggett and Wade at Alton's new Moore Park. (Photo by Jo Anne Lenz)

report meetings. Each meeting had a special theme designed to make the campaign fun, and Leggett was asked to provide a horse for the campaign's western style meeting.

Leggett took his horse, Jet Suzy's Bar, to Camp Warren Lewis in Godfrey, where United Way campaign workers were surprised to see their campaign chairman riding up to the Scout camp lodge in full western dress, on a German silver mounted parade saddle also furnished by Leggett.

Although trail riding is his first love, Leggett said he and his wife often help the Boots and Saddle Club with other projects such as the 10 to 15 horse

shows scheduled each season at the club grounds on Harris Lane in Alton.

He said the club also sponsors 10 to 15 trail rides during the year, and some seasons schedules races and an occasional rodeo.

"Anyone who likes to be around horses can join the club," Leggett said. "We have several members who don't own horses but like to be around them."

He added that horse owners don't need to belong to the club, either, to take part in the shows and races. Other clubs in the area, he said, include those in Jerseyville, Granite City, Gillespie and Edwardsville.

Gas by the liter...

(Continued from page 1)

also remember that one liter equals .2642 gallons, and multiply the price per gallon by that number to learn the price per liter. Gasoline at \$1.25 per gallon will cost 33 cents per liter (\$1.25

times .2642).

Dividing by that number will also give fuel tank capacity. A 12-gallon tank will hold 45.42 liters (12 divided by .2642). A 22-gallon tank will hold 83.27 liters, and a 33-gallon tank will take 124.91 liters.



Nick Maggos, chairman of the recent River Bend United Way fund drive campaign, surprised campaign workers by arriving on horseback for a campaign report meeting with a western theme. The horse and saddle were provided by Russ Leggett (E&S).

Santa still tops the show



Santa's visit is always the highlight of the evening for children at Wood River's annual Christmas party, as photos above and at right show. Well ... at least it is for those old enough to realize the importance of a chance to bend the old elf's ear.



Performer Inge Williams moved offstage to demonstrate how one of her Samoyeds could walk the top of a large ball up an inclined ramp. In addition to her trained Samoyeds and chow dogs, she also performed her own juggling act on roller skates.



A demonstration of timing and coordination is offered by one of the three Kursawes, who performed on bicycles and unicycles.



Magician Kenneth Mate, who served as emcee, called for volunteers from the audience to help him with his performance.



Weldon Tucker (Quality Control) is one of several employees and pensioners who volunteer their time each year to handle party details.



Anniversaries



Harold Johnson
Maintenance
40 Years



Ernie Johnson
Utilities
35 Years



George Archibald
Aromatics-E
30 Years



Fred Hess
Lube
30 Years



Bud Whittaker
Aromatics-W
30 Years



Ed Bartosiak
LOP
25 Years



Tip Boldt
Maintenance
25 Years



Jack Malone
P&PE
25 Years



Jim McBroom
Aromatics-W
25 Years



Pat Paterson
Compounding
25 Years



Al Slivka
Financial
25 Years

SRA picks new officers

Arlene Tutt (Maintenance) was elected president of the Shell Recreation Association's Board of Governors during the first meeting of the new board Jan. 3.

Mrs. Tutt succeeds Ray Thrasher (P&PE), who chose not to run for reelection to this year's board.

Pipefitter Randy Smith was reelected vice president of the board, and Shirley Roderfeld (P&PE) was reelected secretary. Lois Cooper (Purchasing) was

elected treasurer, succeeding Ron Rolando (P&PE), who also chose not to run for reelection.

Mrs. Tutt has previously served as an officer of the board.

Committee chairmen appointed by Mrs. Tutt at the Jan. 3 meeting are Darrell Ottwell (P&PE), Athletic Committee; Becky Brase (P&PE), Social Committee; Sharon Breyer (Instruments), Membership Committee; Brad Kane (Quality Control), Publicity Committee; Terry

Abernathy (Utilities), Fishing Committee; and Sadie Hawkins (Lube), Election Committee.

Shell helps Cambodians

Shell contributed 15 million gallons of jet fuel to fly the second civilian mercy mission from California to Thailand and Cambodia.

The plane, carrying 90,000

pounds of food and medicine, left on Christmas Day. The supplies were for starving Cambodians, and to help the fleeing refugees.

The airlifts were the idea of two Californians who became concerned that the federal government was not doing enough to solve the plight of the Cambodians.

The State Department's reluctance to help, according to the Los Angeles Herald Examiner, "stems from a belief that the Vietnamese backed government of Cambodia is either

withholding food in order to win obedience from the Cambodians, or giving it to the soldiers."

After the first successful airlift, done with the cooperation of the American National Red Cross, the International Rescue Committee joined its considerable force to Operation California and many more airlifts are planned.

When Henry Kissinger appealed to president John Bookout for help from Shell for Cambodia, Shell had already contributed.

In remembrance

OTTO F. BREGGER, 81, died Dec. 26. Mr. Bregger was a pumper 1st in Compounding before retiring in 1959.

JOHN N. BRUNS, 76, died Dec. 28. Mr. Bruns was a shift foreman in Cracking before retiring in 1957.

CARL H. DETERMANN, 73, died Oct. 26. Mr. Determann was a pipefitter 1st in Engineering Field before retiring in 1963.

FRED L. MANSHOLT, 80, died Dec. 23. Mr. Mansholt was a pumper 1st in Utilities before retiring in 1964.

FRED E. THOMPSON, 74, died Dec. 30. Mr. Thompson was a clerk in Engineering Field before retiring in 1961.

RENO M. VANNUCCI, 53, died Nov. 20. Mr. Vannucci, a chairman in Maintenance, had completed 25 years of service.

Classifieds

1974 Ranchero. 54,xxx miles, 351 2-barrel, ps, air, stereo, gem-top cover, Terry Woelfel, 618-466-8781.

Lumber. 100 2x4s, 12' long; 15 4x4s, 14' long; 100 fence posts, 8' long. All are new, Stan Kincade, 618-254-3919.

Wagon Frame. Iron wheel farm wagon, Ray Ross, 618-656-2392.

Cemetery Lots. Four lots in Valhalla's Garden of Gethsemane, Godfrey, Ill., Terry Woelfel, 618-466-8781.



O.F. Bregger



J.N. Bruns



C.H. Determann



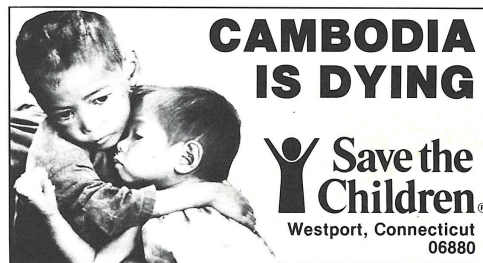
F.L. Mansholt



F.E. Thompson



R.M. Vannucci



This is one of the public service ads being provided to national news media by the International Save the Children Alliance, one of several agencies trying to provide massive relief for Cambodian refugees. Those wishing to help may call 800-243-5075 toll free.

Most are in debt and are worried about it

If you're in debt, you're not alone. A new poll indicates that debt has become part of the American way of life.

A Louis Harris poll showed

that 77 percent of the 1,201 adults surveyed said their households owed money — and 58 percent expressed real worry about it.



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