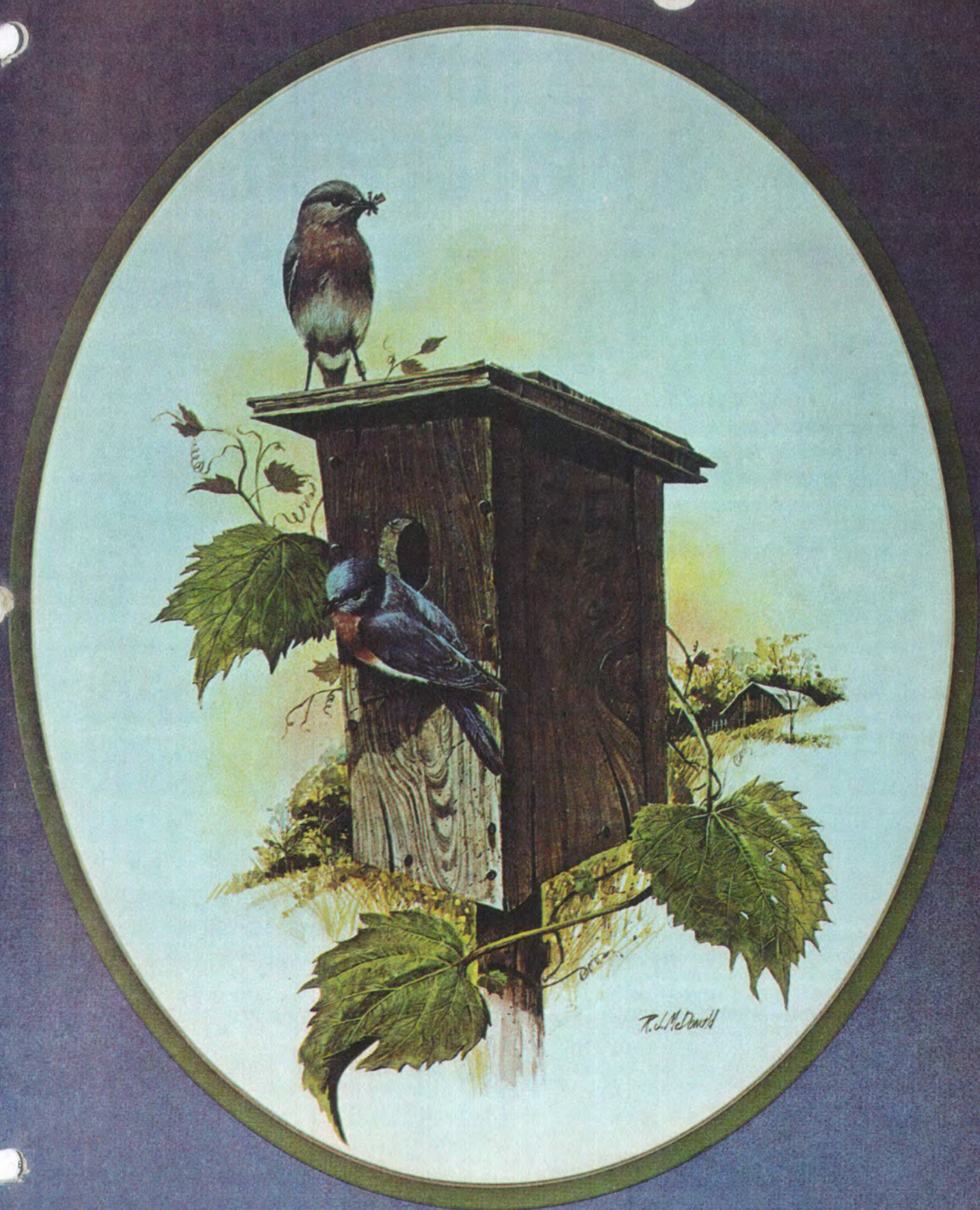


Tennessee Magazine



Bluebird
August 1974

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TENNESSEE MAGAZINE

Tennessee Magazine

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J.C. Hundley, Executive Manager

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ON THE COVER



Our cover this month features another of Ralph McDonald's outstanding wildlife art, this one "The Bluebird." For more on McDonald's recent works and, for those who would like to secure one or more of his prints, see Page 16.

STAFF

John E. Stanford - Editor

Jim Lynch - Staff Writer

Volunteer Views

By J. C. Hundley

Executive Manager, TECA

Electric co-op members whose power bills have risen rapidly over the past few years—and that includes everyone's—really have to look no further than the ground to understand why these increases have taken place. The particular ground at your feet may not provide the answer but it is from the ground that coal is extracted and "coal" is the key word—although not the only one—in any search for answers to the continuing increases in the cost of electricity.

Coal in itself is no particular problem. Our good earth contains billions of tons of this common source of energy. It's the rapidly increasing costs of coal from the producers to the Tennessee Valley Authority that is helping to make your electric bills go up by leaps and bounds.

Your electric co-ops have nothing to do with, and benefit financially not at all, in these jumps in your bills. They are merely passing along to you the increase in wholesale power bills from TVA.

This in no way is meant as criticism of TVA. This Government agency which has meant so much to the Tennessee Valley area is having more than its share of problems which are not of its own doing. For example, in 1970 TVA could buy all the coal it needed for less than \$5 per ton. By 1973, that cost had gone up to an average of \$7.46 per ton. In the 1974 fiscal year just ended, the cost averaged out at about \$9 per ton. On short term contracts, TVA recently paid approximately \$19 per ton on one purchase and upwards of \$30 per ton on another. These costs reflect higher wholesale bills which TVA must, by law, reflect to its electric co-op and other distributors and they, in every instance of which we know, must pass along all or most of these wholesale increases to their consumers.

TVA is also besieged with several

other very costly situations, some already in effect and others proposed. These are coming from State and Federal laws, regulations and proposals and cover such areas as additional strip mining outlays, removal of fly ash to an unnecessary extreme, installations of sulfur dioxide removal equipment which would cost more than twelve times as much to install and operate as the efficient equipment already perfected by TVA, and installation of water cooling towers at generation sites in order to avoid fish kills from hot water discharged into nearby streams. This latter proposal will, indeed, save a few fish in a small area—but at a cost in equipment and operation of \$83,500 per fish!

Seems to us that most of these regulations and proposals—which can cost as much as \$1-billion per year, or almost twice TVA's total power income in 1972—are ridiculous "overkills" for which you, the ultimate consumer must pay and pay dearly.

In our great democracy, however, your voice can still be heard—and should be!



Group Camping at Brandon Spring A New Way to See Nature

Many large groups, such as high school bands and church clubs are discovering that the best place for holding those long training sessions and seminars is, oddly enough, in the middle of the woods. And not just any woods, mind you, but those specifically between Lake Barkley and Kentucky Lake in Northcentral Tennessee and Southwestern Kentucky called, appropriately enough, Land Between the Lakes, because it is here that TVA is putting the final touches to the Brandon Spring Group Camp, an ultramodern facility designed and constructed solely with the large group in mind.

Located only a short drive from Dover in the Tennessee section of the 170,000 acre expanse, Brandon Spring offers an exciting new dimension in outdoor living because activities are almost as limitless as the individual's imagination. Hiking and exploring backwoods trails and drives, group games and contests, fishing, swimming, boating and bird watching are among the many activities in which campers at Brandon Spring can participate. Wildlife is abundant and history buffs can trace an important bygone era

in the crumbling remains of an old iron furnace, or on a nearby 26-mile historical trail system.

Here, visitors can capture a glimpse of Civil War history as they follow the same ridges along which General Ulysses S. Grant led his troops toward Fort Donelson after the capture of Fort Henry. The trail is laid out in a series of loops so hikers can enjoy a short walk or plan a weekend backpacking trip.

Facilities at the camp include two modern, year-round dormitories that will house 128 people, and a commons building that serves as camp headquarters. Outstanding meals are provided by TVA in the commons building that also provides meeting space and assembly areas while recreational attractions include a swimming pool, trails, and five playfields which are constructed at different levels so that several groups can conduct different programs at the same time with relative privacy. Outlying environmental study sites provide opportunities for activities such as map and compass study, pioneer life, geology,

aquatics, ecology, and social studies. Soon, canoes, sailboats, and fishing boats will be available at the waterfront and additional trails, recreational and educational facilities are planned for the future.

For the angler and hunter, the area is a veritable paradise. The short, navigable canal between Kentucky Lake and Lake Barkley brings together two of the top bass and crappie fishing lakes in the nation. These two giant lakes have more than 3,500 miles of shoreline and hundreds of deep, quiet coves to explore. Kentucky Lake has long been noted for its production of slab crappie and Lake Barkley is one of the hottest bass lakes around. Spring and fall are considered the best times for both species although excellent catches have been reported in mid-summer along the old creek and river beds. Besides bass and crappie, record catfish, bluegill, stripes and sauger are also

Looking down at the almost complete Brandon Spring Group Camp, the facility is supplied by Cumberland Electric Membership Corporation.



Dawn S. Ford, Editor and Information Officer for Land Between the Lakes, and Billy Brooks of CEMC discuss the new structure at leisure in the commons building.

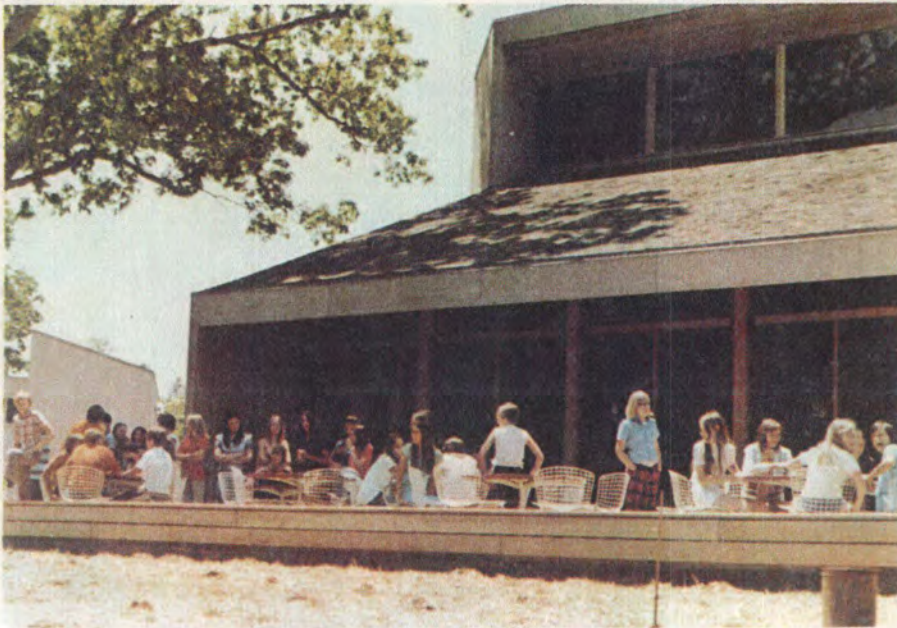
The new commons building, viewed from nearby Barkley Lake, serves as headquarters for the Brandon Spring Group Camp.



taken year-round.

Toward the winter months, the emphasis shifts to hunting. A major part of TVA's resource management program in the area is a cooperative effort between the wildlife and forestry management sections to improve wildlife habitat. Through this extensive management program, hunting is available in most parts of the project for ten kinds of wildlife ranging from deer and wild turkey to quail and Canada geese.

One place where hunting is prohibited, however, is just down the main road from Brandon Spring where a herd of noble buffalo roam on a 200-acre pasture near the former site of Model, Tennessee. Park officials are quick to note that these animals are strictly for look-



A group of youngsters prepare for lunch at the outdoor veranda of the commons building. The facility can accommodate 128 campers at remarkable low costs and offers an endless variety of activities.

ing, not shooting. Another unusual sight is the presence of bald and golden eagles that winter in the area and can be seen soaring above the deep, quiet coves of the two lakes, or perched high above the lakeshore.

According to TVA, the Land Between the Lakes area is being developed "as a national demonstration in outdoor recreation and environmental education" utilizing "multiple-use land management combining recreation and conservation goals on a single stretch of land so as to realize maximum benefit for this generation and generations yet unborn."

More simply, they say, "Land Between the Lakes is a place for doing things in the out-of-doors — a place to camp in quiet solitude overlooking the lake, to study the environment at an outdoor school, to fish, hunt, ride horseback, hike, and take part in a multitude of other outdoor activities."

And that sounds like a pretty good idea.

THE HOUSE THAT STUDENTS BUILT

BY VIRGINIA LOWE, HOME ECONOMIST
CUMBERLAND ELECTRIC MEMB. CORP.

Would a teacher trust his student to build his home? David Hatfield did. As industrial arts teacher at Clarksville High School, a new teaching project was started in Montgomery County two years ago. David Hatfield has been doing some of his teaching outdoors using after school and Saturday construction time to let his students put theory into practice. They built his 3100 square foot home and have completed another home and several remodeling jobs since this new teaching experience began.

Different from the local school's building and trades project, this industrial arts program does not take students out of class nor use school funds. The home is presold and the homeowner buys all the materials. In addition, the boys make approximately two dollars an hour. They even work during the summer. When the home is completed it belongs to the one who financed it and is not sold on the open market.

At first it was difficult to find a prospective client willing to let students build his home. Therefore, when Hatfield and his wife decided to move, they chose to be the "guinea pig" and let his boys build their all-electric home that Hatfield designed. The "guinea pig" turned out well, as the teacher says he "would gladly compare any part of his students' construction work with a contractor's."

The large, four bedroom, two bath home features the latest in electrical equipment including a total unit heat pump for central heating and cooling, an intercom system, stereo unit with hook-ups in the living room, game room, and drafting room, and garage door opener. The spacious kitchen features a trash compactor, dishwasher, built-in food center with the mixer, blender, grater, and knife sharpener attachments. Presently the owners are in the process of completing an upstairs room as well as a patio and a workshop. Even a 4' X 8'

dog room is off the two-car garage which includes central heat and air. After all, dogs should be comfortable, too!

The industrial arts program is designed to help the students get a better concept of architectural technology. In class, they study architectural drawing and the theory of building. Then, they gain practical experience on the job and learn how to utilize material. This program, not in competition with contractors, can actually benefit them because of the experience these boys are getting should they want to work for a contractor later. With the working knowledge of architecture gained in this program, the teacher hopes many of his students will pursue this field. "Architecture is my big interest," Hatfield said. This summer he is teaching this subject at Eagle University at Fort Campbell as well as working with his boys on a remodeling project.

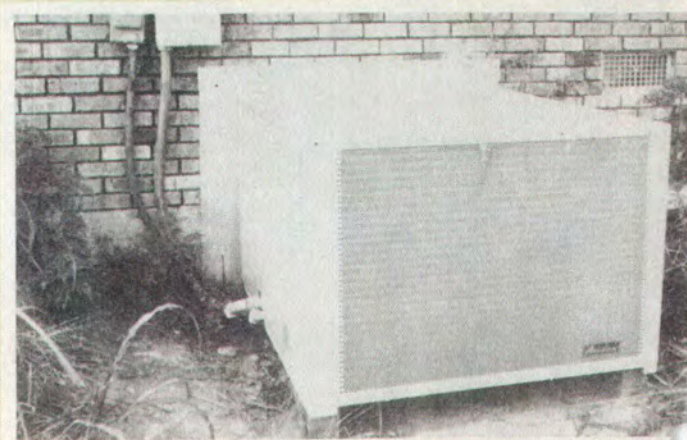
A program of this type demands committed students and understanding parents. The instructor tries to have a meeting with the students, parents, and client at the beginning of each project to

The David Hatfield home is located on 6.1 acres in the Sango Community in Montgomery County. With 3100 square feet, the home has four bedrooms, two baths, a sunken living room, kitchen-dining combination, den, and a double garage.



Mr. Hatfield is discussing with his wife one of the house plans he has drawn. Architectural drawing is a main interest for him.

(Continued
to Page 21)



The total unit heat pump is the most efficient system for heating and cooling a home. Evenness of temperature is only one of the joys of the heat pump, according to the Hatfields.



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Uncle John's Page

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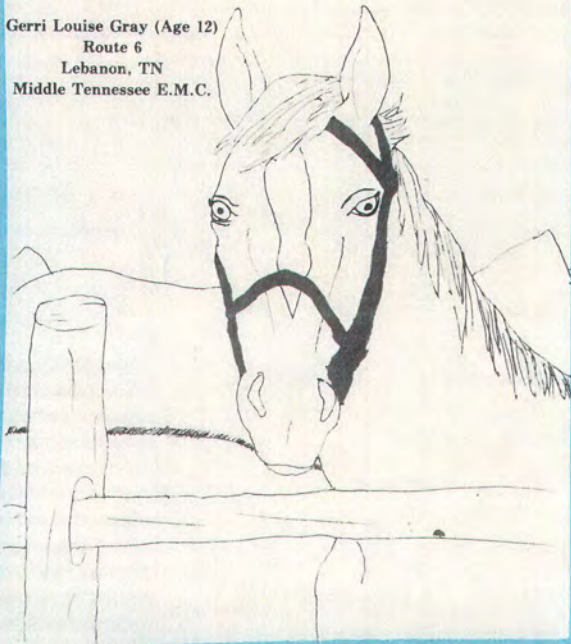


Jeffrey Gene Akin (Age 10)
Route 1
Cumberland Furnace, TN 37051
Cumberland E.M.C.



John Marshall (Age 9)
Rt. 1, Box 40
Rossville, TN 38066
Chickasaw Electric Cooperative

Gerri Louise Gray (Age 12)
Route 6
Lebanon, TN
Middle Tennessee E.M.C.



Charlotte Stewart (Age 15)
Route 1
Sneedville, TN 37869
Powell Valley E.C.

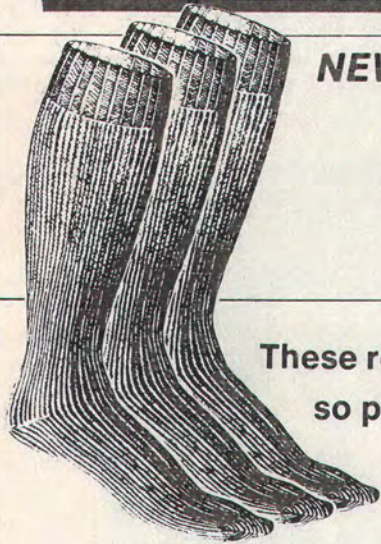


Suzanne Jobe (Age 13)
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"Can't be done!" he said. "If the socks are as strong and durable as you claim, they've got to be so stiff underfoot, they'll be unwearable!"

"Kitten-soft," said the manufacturer.

"Then they won't wash satisfactorily."

"Always come out like new," barked the manufacturer. "Permanent colors, lasting texture and shape."

"Or you'll weasel the guarantee," added our man, doubtfully.

"Unconditional!" snapped the manufacturer.

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means regular ordinary wear — don't burn holes in them deliberately, or try to cut them with a scissors or razor."

We still had to be shown. So we got samples. And we wore them. And wore them. And machine washed them. And Laundromatted them. And tortured them. Like wearing one pair for a week straight — till we thought they'd drown in sweat. Then we washed them — with no sweat! They looked and felt like new. The socks didn't surrender. We did. They're for real — and forever!

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The Smithville Fiddler's Jamboree

When this DeKalb Country Community has a hoedown, come prepared because it may last for days



The hands of a master dobro guitar picker slide easily up and down the neck of the

instrument producing a sound unique to country music.

Country music knows no nationality as this picker of oriental heritage indicates.

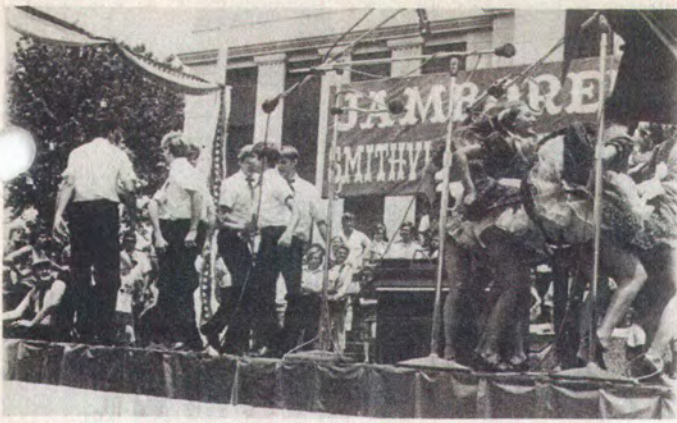


Most of the time, Smithville, Tennessee, is a quiet little community much akin to thousands of other small communities across the nation. While it does serve as the DeKalb County seat and home of Fourth District Congressman Joe L. Evins, its day-to-day affairs are about as exciting as playing checkers with yourself. Folks come to town to either work or stock up on supplies and then they go home. It's a peaceful and uncomplicated routine that's broken only once a year for a very special occasion.

For the past three years, that "special occasion" has become one of the most talked about and publicized events that occurs annually in Tennessee, because around Independence Day, Smithville becomes the host for one of the largest amateur country hoe-downs in the world.

They call it the "Smithville Fiddler's Jamboree" and well over a thousand contestants were entered this year. They didn't all play the fiddle, of course, but they all did show some form of talent in the country music field. Some played dobro guitar, others showed off their skill with a banjo, and some just sat around blowing the jug. All in all, there were 18 different categories to compete in plus guest appearances by the globe-trotting Rutherford County Square Dancers and America's harmonica virtuoso Larry Logan.

Director for the event Berry Williams says the object of the festival is to promote old-time unamplified country music, the way it used to be played. He says that plans are under way for establishing a permanent national center for old-time country and folk music in nearby Buffalo Valley. With a little



The world-renowned Rutherford County Square Dancers put on a demonstration that won't be forgotten soon.



Some of the best music was heard under the trees away from the stage as this band of young men demonstrated.



These two ladies got into the spirit of the event by dressing up for the part.



The standard components for any good country music—a couple of guitars, a fiddle, and a young lady's voice.



The festival's director Berry Williams (at left) talks over some of the rules with several contestants.

luck, Williams says they may be able to build a 4,000-6,000 seat convention hall plus an outdoor bandshell if everything works out right.

But these days, the festival is held right on the square in the very center of town. This year over 30,000 spectators including a large variety of foreign students from nearby colleges witnessed the goings-on as the festival ran the better part of three days.





Also on hand were over 100 arts and crafts exhibits where the visitor could buy anything from a handmade straw hat to an oil painting of a mule.

This year, as well as last, the British Broadcasting Company filmed the entire event and plans to air it soon to show the folks in the "Mother Country" how Americans spend their Independence celebration.

And that's really what it's all about. The event is modeled after Independence week celebrations that were the backbone of rural America's entertainment at the turn of the century.

The folks around Smithville just haven't forgotten.

INSECTS THAT STING

INSECT	DESCRIPTION	HABITAT	BITE OR STING	TREATMENT OR CONTROL
FLYING INSECTS THAT ALIGHT ON EXPOSED PARTS OF BODY TO BITE AND SUCK BLOOD				
Mosquitos 	Slender-bodied, long legged insects, up to ½ inch long, with delicate wings fringed with scales; long slender mouth parts, and bushy antennae; makes a high pitched humming noise when alighting to suck blood	Widespread; especially abundant at night and around swamps and woodlands and rot-holes of trees	Occurs on exposed skin, but also through clothing; bite painful with itching following; may spread disease	Use insect repellents when in infested areas; keep body covered with clothing; use antiseptic on bite to prevent scratching infection; screens are helpful in keeping mosquitoes out; clean out breeding sites such as treeholes, ponds, etc.
Stable Fly (Stomoxys calcitrans)	Similar in appearance to the common house fly, but half the size, with elongate mouthparts	Fields, beaches, and stables, (only active during the day-time)	Painful, blood-sucking bite generally around ankles	Use insect repellent around ankles; on farms, use residual insecticide sprays on buildings and fly resting places; eliminate breeding sites and use acceptable sanitation practices on the farm
Horse Fly (Tabanus Hybomitra)	 Black or brown, fly-shaped, sometimes striped or spotted; 1/3 to 1 inch long; pointed beak mouthparts	Widespread; especially abundant in moist, wooded areas, and places close to cattle	Repeated, painful, sloppy blood-sucking bite	Use insect repellents on exposed parts of body, wear long-sleeved shirts and long pants; on farms, treat animals with approved sprays, dusts, or backrubbers
Deer Fly (Chrysops)				
Black Flies, Gnats (Simulium spp.)	 Small, about 1/8 inch long, clear-winged, humpbacked, chunky, blackish	Especially troublesome in the northern woods, around lakes and mountains; breeds in ripples and fast-running water	Very irritating, blood-sucking bite which can become increasingly itchy and swollen; venom can cause symptoms similar to mastoiditis	Clothing should be securely closed at boot tops, neck, and wrists, and gloves and head veils should be worn as well as a second layer of clothing, however light; repellents such as dimethyl phthalate will protect against biting for up to five hours; locate campsites away from trees, underbrush, and wet areas; cleaning and deepening channels to remove logs, roots, etc. that cause ripples and waterfalls helps to reduce the number of these flies; outlets of lakes, dams and spillways should have a clear unobstructed drop into a deep pool
Punkies, No-see-ums, Sand Flies (Culicoides spp.)	 Extremely small, 1/20 inch long, fly-like insects with two hairy wings; difficult to see on arm amongst hair	Ponds, pools, streams; rot-holes of trees; and where salty tidal water backs up into fresh water streams	Blood-sucking, sometimes burning and painful bite	Treeholes near residences should be drained and repaired; near cities, the building of dikes, with pumps and tide gates, provides relief; breeding areas should be treated with an approved chemical; the painting of window and door screens with a 5% solution of approved chemical will prevent entry for several weeks; personal protection: skin application of dimethyl phthalate or other insect repellent

INSECTS AND OTHER ARTHROPODS THAT CRAWL ON A PERSON TO BITE AND SUCK BLOOD BUT NOT SPENDING MUCH TIME THERE

Fleas
(*Ctenocephalides* spp.)
(*Pulex*)
(*Xenopsylla*)



Small, brown, wingless insects, about 1/16 inch long, very flat from side to side and with long hind legs; slip into clothing or jump vigorously when disturbed

In houses and yards where dogs and cats are allowed; also associated with rats and mice

Bite not usually felt immediately but becomes increasingly irritating for several days to a week; usually two or three bites in a row; bite mostly about the legs; may spread disease

Keep animals and animal quarters treated regularly with a flea powder. If fleas appear in house, use aerosol spray and residual insecticide treatment around baseboard; in emergency, allow pets to roam house, as fleas will reinfest animals, but be sure to treat pets first though; frequent vacuuming of house will help eliminate developing larvae; eliminate rat and mouse harborage

Bedbugs
(*Cimex lectularius*)



Flat, wingless, brown bug distinguished by very slender third and fourth segments of its antennae; 1/8 to 1/4 inch long; emits a pungent, oily substance

Cosmopolitan distribution; may thrive under crowded and careless living conditions however

Bite usually not felt immediately though venom causes itching, burning, and swelling, which may become increasingly painful for a week or more; bloodsucking

Bugs may be controlled by applying a residual spray to infested room or building; treat especially, cracks and crevices in walls and to bedspreads, springs, and mattresses as well as stuffed and other bulky furniture; for single night protection, dust mattress thoroughly with pyrethrin powder

Assassin bugs
(*Triatoma* spp.)
Kissing bugs
(*Reduvius* spp.)



Long, somewhat conical head; dark-colored; 2/3 to 1 inch long; wings flat on back, resting on boat-shaped abdomen

South and Southwest primarily

Some species have extremely painful bite comparable to that of a snake; faintness and vomiting can occur in addition to swelling

Learn to recognize bug and avoid handling them; in house, use fly swatter to kill bugs that are seen; if one should alight on face, flip it off — don't slap it to trap between hand and face

Chiggers, Jiggers, Red bugs
(*Eutrombicula alfreddugesi* and others)



Oval, bright orange-yellow; only first stage larvae attack man; (an arachnid) pinhead size or smaller

Grass and underbrush in localized areas, especially in undisturbed areas where field mice are numerous

Poisonous bite that irritates causing scattered red blotches; located especially under tight areas of clothing, such as elastic of stockings, belts, etc.; intense itching may not subside for a week or more

Use insect repellent on body and treat clothing with approved formula; consult local entomologist or pest control agency for ingredients; sulfur dust on socks and pants repels chiggers; on infested land, mow weeds and grass, and apply approved residual spray to chigger infested area

Wood Ticks
Dog Ticks
(*Dermacentor* spp.)

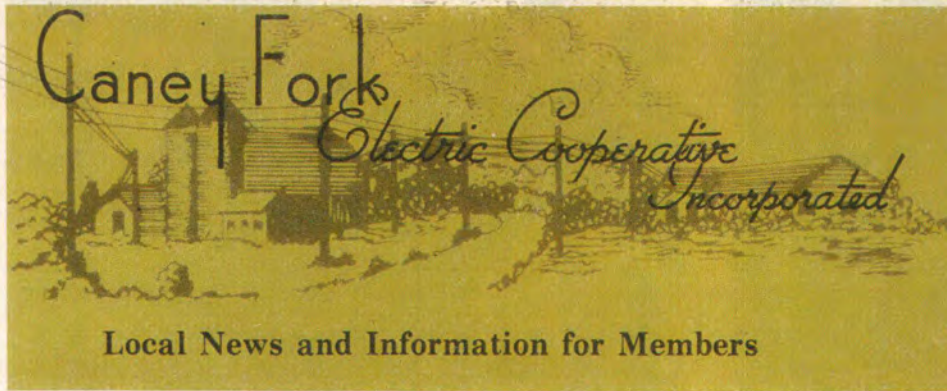


Dark, reddish brown or grayish white; 1/16 to 1/2 inch; oval shaped with eight legs

Nine states centering around southern Idaho for wood ticks, and throughout the U.S. for dog ticks

Attaches to skin, inflammation may develop; fatal tick paralysis and/or fever may result if tick is not removed; not all ticks are diseased

Use insect repellents on body or wear repellent treated clothing before going into wooded and camping areas; at end of day, inspect body for attached ticks; look especially around neck and head area; remove attached tick with lighted cigarette or hot needle by touching to tick, or grasp tick firmly and pull gently; apply anti-septic to wound; on infested land, treat animal or other trails three feet on either side with approved residual spray



Local News and Information for Members

ORIGINAL TRUSTEE RESIGNS

Herbert F. Mitchell, age 76, has resigned from the Board of Trustees of Caney Fork Electric Cooperative due to failing health.

Mr. Mitchell represented Van Buren County at the organizational meeting of the Cooperative in 1940 and has served on its Board since that time. He was one of the three remaining original board members.

During his tenure he has seen the Cooperative unfold and develop from virtually no rural electric service to its present size of more than 15,000 consumers and an eleven million dollar business.

He has seen the impact that electric power has made in the home, and on the farm. It has spawned industries large and small, and the tourist and recreational business has prospered.

Mr. Mitchell has been interested in and an ardent supporter of all phases of development that would make life more convenient and livable.

A native of White County, he moved



H. F. Mitchell, Trustee from Van Buren County, has served on the Board for 34 years. His companion for slightly over 50 years often accompanied him to McMinnville and waited for him while he helped transact Cooperative business.

to Van Buren at the age of 12.

He served as Post Master at the Spencer Post Office for 18 years and for 20 years he was a rural mail carrier in the mountainous county which for many years was the smallest county in the state according to population. He is now

retired.

A member of the Methodist Church, he is also a Layman preacher.

He and Mrs. Mitchell have one son, Milton. They have made their home in the Cummingsville Community for many years.

NEW TRUSTEE FROM VAN BUREN COUNTY



Albert A. Jones, Jr.

Albert A. Jones, Jr. was elected on June 7, 1974, by the Board of Trustees as a replacement to fill the unexpired term of H. F. Mitchell from Van Buren County.

Mr. Jones is a native of Van Buren County and received his early education in the public schools of the county. He received a B. S. degree from Tennessee Technological University, and the M. A. degree from Middle Tennessee State University. Mr. Jones later returned to Tennessee Tech and obtained the Eds degree in school administration.

Mr. and Mrs. Jones (the former Lema Simmons) reside in Spencer. They have two sons, Austin and David, and both are students at Tennessee Tech. Austin

is a pre-medical student and David is in pre-law studies.

Mr. Jones presently serves as Superintendent of the Van Buren County School System, and has held this position since 1962. Having made education his profession he was a teacher and principal in the Spencer Elementary School prior to becoming superintendent.

He is a veteran of WW II, serving in the U. S. Navy as a Boatsman 3rd Class, and is the Current Commander of Post 207 of the American Legion. Mr. Jones serves on the Board of Directors of the Caney Fork Development Corporation; is a Deacon in the Baptist Church, and is a Mason and Shriner.

“AYES” HAD IT

Discussion on lighting the softball field at the Midway Community Improvement Club in Warren County started about 10 years ago, and Fred Bell was one of the most enthusiastic supporters of the project.

Every now and then the subject would be brought up in the community meetings, but there always seemed to be something else that needed priority.

About three months ago in a regular meeting when the floor was opened for discussion for ways and means of further community improvement, and no one had made any comment, Mr. Fred spoke up, “Let’s light the ball field.” A show of hands indicated not a single opposing vote. The time had come for it to receive priority.

Once approved, action quickly followed. A design lay-out was made, estimates acquired, financial arrangements made, materials ordered and then down to the real business of hard work installing poles, lights and materials.

Within three weeks from the time it was approved, the project was complete. As Mr. Fred summed it up, it took know-how and hard work to get it done as quickly as they did.

“It’s a good thing you came before we got the light bill,” he said. “I might talk differently then, but we found Caney Fork Electric Cooperative to be helpful in ordering the poles and in every other way possible.”

“We were fortunate to have Dannie Schrock, one of the Cooperative’s employees who had the know-how about electricity,” he said. Dannie is in the engineering department, resides in the Midway Community and has formerly been president of the CIC. “David Grissom, an electrician, and at one time an employee of the cooperative, was of great help too,” Mr. Fred continued.

There were plenty of volunteer help to do the hard work. Everyone in the community who possibly could was there to do a part. Ladies prepared food for the workers and many people stopped by just to offer moral support.

Mr. Fred was right in the middle of construction doing anything he could to help, but the “part” that pleased him the most and took no effort at all was having the privilege of turning the switch and seeing the 24 quartz and 12 incandescent fixtures come on for the first time.

Since that time, it has been jokingly said of him that a passer-by saw him sitting on the pitchers mound at midnight.

He readily admits that he’s there just about every time the lights come on which he can easily see since he lives in sight of the CIC building – that is until his son planted corn in the field beside his house, but that’s just temporary.

Mr. Fred thinks everyone should take some time for recreation and he believes softball is good family recreation. When entire families turn out for a scheduled game or just practice, it confirms his thinking. Parents and their children have their turn at being both players and spectators.

Watching his own children and grandchildren on the field is a pleasure, too. He and Mrs. Bell have nine children, five boys and four girls. All but two live in Warren County, several living in “hollering distance” from them.

“The two who live in the North really wish they were back here,” he said.

Their children and now their grandchildren are good reasons that they have been anxious through the

years to help in every way possible to improve the area where they live.

“I enjoy people and to me this is the best community to be found anywhere,” he said. “Sure, I am prejudiced but it’s true. I have lived here 32 years and know that the people work hard and are agreeable. Our CIC has competed on the State level and with portions of Alabama and Georgia, and we have held our own with all of them. If another community was doing something better than we were, we wanted to know about it. We like to be first.”

The Midway CIC has many awards to verify it, too. Lighting their softball field is another “first” for this general area.

Mr. Fred doesn’t mind telling you that he’s 77 years of age and through the years there have been a lot of “ups and downs”. There have been many hard times, but he reasoned that he must be enjoying some relatively “good times” since his wife now asks him what he wants to eat. There have been plenty of times when they had no choice, they just ate what they had.



Summer of '74 will be remembered by Fred C. Bell as the year he had the privilege of turning the lights on for the first time at the Midway CIC softball field.

MEMBERS LIVING IN VAN BUREN AND WHITE COUNTIES MAY CALL THE McMinnville Office of Caney Fork Electric Cooperative, at no charge, by dialing 836-3000.

How to pack — Tips Courtesy of Delta Airlines

Use the **DIVIDER** in your cases, which in effect gives you two cases in one. Pack shoes, accessories, underclothes, and sportswear on one side, dresses and suits on the other.

Pack in **SECTIONS** — lingerie together, sportswear together — rather than in layers. Diagrams following show how this works. Removal of clothes and repacking is quicker with the sectional method and results in firmer packing for fewer wrinkles than putting layers of different size garments on top of each other.

CUSHION each fabric fold with the fold of another fabric, rather than with tissue paper.

FOLD crushables like silk over cushioning layers of uncrushables such as knitted sweaters.

HEAVY ITEMS go at the bottom of the case, resting on the hinges at the back. That's where they would shift to anyway, when you lock and pick up your case to carry it. That would crush the garment in between. Place shoes, alarm clocks, electric shavers etc., near the hinges to avoid shifting and wrinkling in transit.

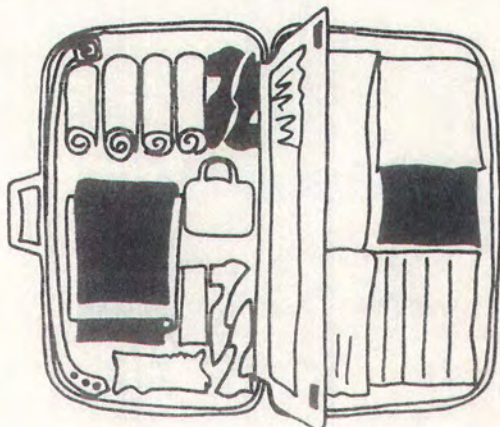
Distribute weight evenly from side to side. For instance, pack two pairs of shoes opposite each other, each pair heel-to-toe, one sole resting on hinge. With one pair to pack, put one shoe on each side of the case, soles resting on hinge. A balanced case is easier to carry.



FASTEN, button and zip everything before packing it.

FOLD PRACTICALLY EVERYTHING (slacks, excepted) lengthwise, in three sections, following body curves. This will minimize wrinkles and allow them to pull out quicker, while hanging or being worn. Fold towards the back; your shoulders and hips act as natural "irons" to any crease this way.

Follow this system for carefree packing:



SHOES — heel-to-toe, in fabric shoemits resting on hinge of case, so they won't shift and crush things. Packing one pair, put shoes on opposite sides; two pairs, put one pair on each side. Tuck soft things in them to conserve space.

PURSE — Cushion on flat scarves, toward hinges. Take hard things out (they'll mark it) and fill with stockings, etc., to keep shape. Similar placement near hinges for other "heavies" such as electric curlers.

LINGERIE — Fold slips, panties and girdles lengthwise in thirds, following body lines. Place in sets, roll up smoothly, pack rolls in sections as shown opposite.

NIGHTGOWNS AND ROBES — Fold lengthwise in thirds, following body lines. Roll securely from top, in sets. Place in lingerie section of suitcase.

COSMETICS — Carry small amounts (you KNOW one bottle can last months at home) in plastic containers. Much makeup comes that way; if not, buy containers in notions department. Packing in Tote is best, or secured in side pouch. Pressed powders, unspillables can go in separate case, near hinge.

PANTS, SWEATERS, SPORTCLOTHES — Fold pants flat out, lengthwise, carefully on natural creases. Place first pair, waistband to side of case, back of pants toward hinge, and let hang out of case. Then, place a sweater, folded in thirds lengthwise, face down on pants, letting half the sweater hang out at right angles to the pants. Fold pants back over sweater, once, then fold rest of sweater back on top, before folding last part of pants legs back.

GLOVES, SCARVES, STOCKINGS — Place in the pocket of the divider; extra jewelry goes here, too, and synthetic wigs, folded inside out. For human hair wigs, you'll need a wigbox with headform. Chain belts go in the pocket; leather ones stretch around side of case.

FOLDING DRESSES — Start with the most fragile. Fold lengthwise on bed, front down, in thirds on natural curves. All zippers and buttons fastened, sleeves folded down back. Place in suitcase, collar touching edge and let end hang out. Place other dresses folded same way, in opposite directions, one on another, ends hanging out. Suit jackets should be placed on their skirts, folded in thirds toward back.



FINAL FOLDING — Now you have all the garments, facing opposite directions. Start folding them carefully back over one another, layer after layer, smoothing wrinkles. Your fragile dress, on the bottom, will fold back last—with the biggest fabric "cushion" of all for it's folds.

REMOVING AND REPLACING GARMENTS — The packing system outlined allows you to take out and put back individual garments without disturbing the others. When you have packed according to the system, each dress, skirt and jacket will be interfolded with the others.

Timely Topics

FEEDER CALF MARKETING HAS MANY PROBLEMS

When, where and how to market feeder calves this fall are problems facing Tennessee cow-calf producers and there are no clear-cut answers, says a University of Tennessee Extension specialist.

"Record calf numbers will be going to market, along with a larger than usual supply of yearlings," explains Fred C. Powell, livestock specialist. "The old adage that supply governs demand will hold true again."

Feedlots in general are placing heavier weight cattle than usual on feed for a shorter feeding period, he continues. Price prospects for lighter weights are unpredictable due to uncertainty of finished cattle prices, interest costs and general economic conditions.

The present price spread between light weight calves (300-400 pounds) and heavier calves (500-600 pounds) is much narrower than a year ago. The heavier calves will gross higher returns and probably should be marketed first. The lighter calves have more potential for cheaper gains through growing and development programs and can be marketed in winter or early spring.

With the plentiful supply of feeder cattle, buyers will be rather discriminating. Bulls, stags, horns, compacts, badeyes, and heavily parasitized calves will be noticeably discounted.

As a minimum goal, a feeder calf should weigh one-half the dam's weight at marketing time, suggests Powell. Cow herds not meeting this goal should be evaluated, along with the total program. Culling, heifer selection, breeding season control, forage quality and supply, pasture rotation and management, bull selection, crossbreeding and parasite control all affect marketing weight.

A little time spent in "marketing" calves instead of just "selling" them can result in extra dollars, advises the specialist. Know the weight and quality of your calves and then do some "pencil pushing" to find the best way for you.

"Auction markets, terminal markets, direct farmer-feedlot buyers, order buyers, traders, and speculators are all still in business," points out Powell. "Compare potentials of each market, along with your costs of hauling commissions, yardage and shrink."

Special organized sales with established reputations may provide another opportunity. Any method that gives you the most "take home" money is your best choice.

BROWN ROT CAN CAUSE HEAVY PEACH LOSS

Brown rot in peaches can cause heavy crop losses, according to a University of Tennessee Extension specialist. However, it can be controlled by using recommended practices.

"Brown rot is also called gray mold and ripe rot," explains David W. Lockwood, UT fruit crop specialist, "It occurs in all sections of the world where stone fruits are grown. The most damage in this country is in the southeastern peach-growing area."

Humid conditions favor development of brown rot, he continues. The brown rot organism causes blossom and twig blight, fruit rot, and canker. Fruit rot becomes very noticeable as harvest time approaches and continues to spread after harvest.

Follow the spray schedule closely to help keep down the disease, suggests Lockwood. Also, apply fungicides immediately before and during harvest, especially if it is rainy during this period.

Contaminated containers or picking bags may cause large amounts of post-harvest rot, he continues. Spray them with an acceptable fungicide before harvest to decontaminate them. Dirty hydrocooling water may inoculate peaches with brown rot and reduce the effectiveness of post-harvest treatments.

When picking peaches, do not put rotted fruit in the same containers with good fruit, he cautions. Do not pick up peaches from the ground and put them in with tree-picked fruit. This may spread the brown rot.

FARM RECORDS IMPORTANT FOR 1974 AG CENSUS

The Bureau of the Census will conduct a National Census of Agriculture for the 1974 calendar year. The data will be summarized and published for each county in Tennessee.

Much of the data collected in this comprehensive survey of agricultural producers will be similar to the information collected in the last census taken in 1969.

"The 1974 Census will also be a mail census," reports Ray Humberd, UT Assistant Professor. "Farmers will receive their report forms in the mail and will be asked to return them by mail after filling them out."

These report forms will be mailed during the last week of December, 1974. Producers are encouraged to keep accurate records so that they can furnish the information requested for the 1974 calendar year, advises Humberd.

All information reported by the farm operator is confidential by law and can be seen only by Census Bureau employees. These employees are sworn to secrecy and are subject to fine and imprisonment for revealing any information.

Nothing will be published that might disclose any information about an individual farm operator, explains the UT Extension agricultural economist.

"The Agricultural Census provides the most reliable agricultural information that we have at the county level," says Humberd. "Accurate information is important not only to those working with farmers but it's beneficial to farmers themselves."

The mail questionnaire permits the farm operator to complete the forms in privacy and refer to his records as needed.

New Ralph McDonald Prints Brighten Wildlife Art Scene

Wildlife picture lovers who have wondered, silently and aloud, what has happened to the Ralph McDonald paintings which grace our cover from time to time, should be happy to note the front of this August issue.

Yes, McDonald is back at his board after several months of attending art shows, making public appearances and, of considerable importance, completing and moving into a new country home on electric co-op (CEMC) lines in Robertson County, Tennessee.

"The Bluebird" appearing on our cover this month is 16-by-20 inches overall in size, the same in size and a suitable companion for the "Cardinal" released last December. "The Bluebird" is scheduled for release September 1st in a total of only 3,000 signed/only prints.

Appearing on this page are two other new McDonald works. "The Sentinel" was painted for the primary benefit of Tennessee Ducks Unlimited, to which organization McDonald donated the original



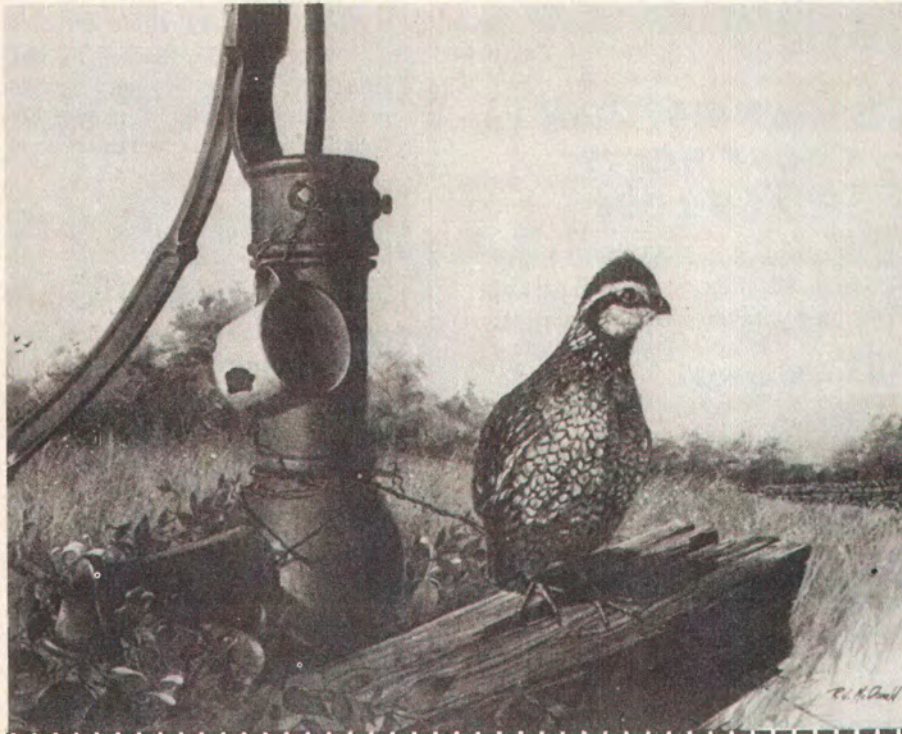
Sentinel

Bobwhite Quail

for auction. Most of the funds from print sales also go into the Ducks Unlimited treasury. "The Sentinel" is 20-by-24½ inches overall in size. There are only 1,000 signed-and-numbered prints and 1,000 signed/only prints, all of which have been released for sale and which are being purchased at a brisk pace.

"The Bobwhite Quail" which will be released November 1st will have only 1,000 signed and numbered prints although another 3,000 copies, signed/only, will be sold by the Tennessee Wildlife Resources Agency as "Tennessee Bobwhite Quail." It is 20½-by-26½ inches overall.

Wildlife art admirers who would like to order the released "Sentinel" or reserve copies of either or both "The Bluebird" and/or "The Bobwhite Quail" may do so by filling in and mailing the coupon below.



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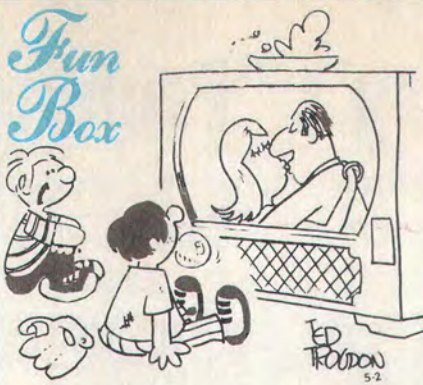
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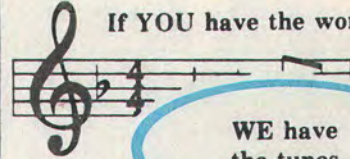
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Lynchburg's "Frontier Days"

The little Moore County seat is becoming famous for its Independence Day Celebration.



Lynchburg Ladies Hilda Reed, Jewell Simpson, Ophelia Brazier, Mary Ann Neal and Linda Ward show off the "Frontier Days" style of dress.

Lynchburg has never been a big town, and it probably never will. Folks there figure they've got things pretty well under control as they are and they don't talk much about expansion. The place just seems to naturally resist change.

There was even a time when the railroad considered building a line to the Moore County seat, but the local farmers raised such a ruckus about the noise from the trains disturbing their

livestock that the railroad stayed out.

The 400 or so residents of the little hamlet seem to take life at a leisurely pace in relative harmony with the countryside. Most farm while the rest work at the nearby Jack Daniel's Distillery, Craftmore Glove Co., or the shops in town.

No one knows for sure how the town got its name but the most widely told story relates that during the early 1800's, the Moore County area was considered a no-man's land because of thieves and killers who hid out in the nearby caves. These desperados would

raid the early settlers before they could ever get a homestead started but, one by one, the more strong-willed among the settlers began to hold on and fight back. By 1812, enough had banded together to form a vigilante society to combat the cutthroats and their "lynch courts" and hanging tree at the edge of town supposedly gave rise to the name Lynchburg.

These days, about the only "hanging" that's done is the "hanging" around the old wood-burning stove at Herb Fanning's Hardware and General Store. On just about any day, the town philosophers can be found propped up next to Herb's stove swapping stories and knives and solving the world's problems. According to C. L. Tosh, who works at the store, the only problem they haven't solved is President Nixon's Watergate dilemma.

Lynchburg is a town steeped in history and tradition and around Independence Day they hold a celebration that's come to be known as "Frontier Days." Pioneer garb becomes the fashion as the city fathers sponsor square dances, contests and games, a parade and various other amusements. Awards are given for the best costumes and shop window displays and, of course, they select a local lovely to be queen of the festival.

Druggist Harold Pool says the cele-



(Right) Every celebration has its banjo picker and this fellow seems to have an ardent fan while (left) this local trio takes a leisurely stroll around the square.



bration was conceived back in 1965, as a civic fund raising project and the participation from the citizens has been outstanding. From money raised over the years, Lynchburg has acquired a new public address system on the square, some fancy Christmas lights, a softball field down at the old high school and a boat dock on Tims Ford Lake at Lost Creek.

Across the square from the courthouse at the White Rabbit saloon is where most of the city planning takes place. It just seems that a good ham or turkey sandwich with friends and neighbors (the White Rabbit quit serving strong drink years ago) promotes good ideas and a normal lunchtime finds the place packed with folks discussing this project or that.

This civic pride is very evident when out-of-town visitors come to Lynchburg. It's nigh impossible for a person to walk around the square without someone saying howdy and asking where you're from and wishing you a pleasant stay. The Chamber of Commerce is forever getting letters from former visitors and guests praising the little

community for its friendliness and hospitality.

Many folks travel long distances just to be around Lynchburg during "Frontier Days" because they've been before and know all about the fun, and many lucky travelers have been known to just happen by during the festival and decide to stay. A fellow on vacation from Michigan said the celebration reminded him of the July 4th picnics when he was a boy and that's basically the theme Lynchburg is trying to portray, both with "Frontier Days" and with living in general.

Peace and quiet with a cordial handshake for one's neighbor sums up the attitude of the community about as well as any. The old Moore County jail seems to gather more dust than prisoners because the most serious crime of late was a midnight raid on someone's melon patch.

This pleasant little interlude into gracious hospitality that is known as Lynchburg is quickly becoming a symbol of quaintness and charm across the nation and the folks around town couldn't be prouder.

They point out that the "95" on their plates signifies that Moore County is the smallest county in Tennessee, but they quickly add that being the smallest just naturally makes them the nicest.

Who can argue with that kind of logic?

DREMC Public Affairs Coordinator Patty Comstock browses through the hardware store catalog under the watchful eye of C. L. Tosh.



(Left) a "Frontier Days" window display and (below) the old Moore County Courthouse.





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Two Or More Cans, **\$4.60 Per Can** p.p.d.
One 1 lb. can treats average home system for months.

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Enclosed is my remittance in the amount of \$ _____
for _____ can(s) of ALEWCO I understand that if I am
not more than pleased with the results, you will refund
my money in full.

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Proud of her new kitchen, Mrs. Hatfield demonstrates the trash compactor, conveniently located next to the dishwasher. Also, drawers instead of cabinet doors are located under the built-in cooktop. A pull-out tray storage is next to it.



A built-in food center is on the bar counter. Attachments include a mixer, blender, grater, and knife sharpener. These take up less space than having separate appliances.

(Continued from Pg. 6)

explain the whole project. To date about twenty-five boys have participated in this program.

After having lived in their all-electric home a year, they report that their electric bills are less than they budgeted.

The total unit heat pump provides central heat and air. "The evenness of temperature without having to adjust the thermostat is great," Mrs. Hatfield says. Actually their system is set for a 4° change - from 68° to 72°. If the ther-

mostat registers 72°, the air conditioner is activated; or at 68° the heating unit begins operating. Therefore, it is always comfortable without having to keep adjusting the thermostat, the Hatfields report.

The heat pump cools like any other central air conditioning system, but it also is the most efficient heating system one can buy. In order to understand this efficient heating system, remember there is some heat in even the coldest outside air. The heat pump extracts this heat and pumps it inside the home. During the heating season in the TVA area, one unit of electrical energy used to power the heat pump will provide approximately two units of energy in the form of heat. The heat pump itself doesn't really produce the heat, but moves it from the outside to the inside of the home. During the summer it reverses the cycle and removes the heat from inside your home just like a regular air conditioner.

A heat pump properly installed can save as much as 1/3 to 1/2 in heating costs from other types of electric heating. Note from the chart the Hatfield's electrical consumption in kilowatt hours and the actual electric costs. Worthy of note also are the degree days each month. Degree days are figured as the difference between the average daily temperature and 65°, the temperature at which is considered to need no heat. Therefore, if in winter the average daily temperature was 55° one day, that would be ten degree days for that particular day. A monthly seasonal average has been calculated if normal weather conditions exist. The past twelve months have been much milder than expected, which has also helped to keep heating costs down, as well as having the most efficient heating and cooling system possible.

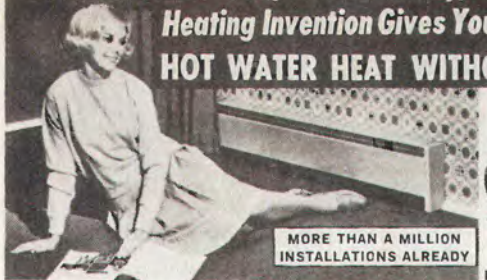
Efficiency is the word that can be used to describe the Hatfield's home from the originally drawn plan to the actual construction and installation of equipment. Not only do they have a well-planned, well-equipped home, but it has been a more efficient way of building than building on the open market. And more importantly, it has helped some Montgomery County high school boys to gain valuable experience by putting theory into practice.

Would a teacher trust his students to build his home? David Hatfield first trusts his students and then he has confidence that they can build a good home - and they did.

DAVID HATFIELD'S ELECTRIC CONSUMPTION FOR ONE YEAR

MONTH	KWH	INITIAL KWH CHARGE	ACTUAL COOLING DEGREE DAYS	SEASON AVERAGE COOLING DAYS
OCTOBER 1973	2280	\$28.96	114	148
NOVEMBER 1973	3040	36.63	409	518
DECEMBER 1973	4400	50.37	722	814
JANUARY 1974	3760	50.56	708	888
FEBRUARY 1974	3800	51.03	627	740
MARCH 1974	3560	48.18	516	444
APRIL 1974	2320	33.46	241	148
HEATING SEASON		OCTOBER - APRIL		
MAY 1974	2400	\$34.41	4	15
JUNE 1973	3080	37.04	272	170
JULY 1973	3480	41.08	416	277
AUGUST 1973	3280	39.06	353	239
SEPTEMBER 1973	2560	31.79	247	69
COOLING SEASON		MAY - SEPTEMBER		

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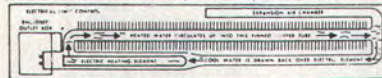
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Enclosed are Plans, or room measurements, of home I plan to build or remodel. Send me FREE, without obligation, a Factory-Engineered Heating Layout.

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BLAKEMORE RIPENS EARLY. Use where late frost is unlikely. Excellent taste. Large fruit. Stays firm and bright red for days. It's the finest commercial berry. Robust, healthy foliage. Abundant plant maker. Resists drought. Include the "early" berry in your new planting. Order #C1321.

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PUZZLE CORNER

Our July puzzle made cents—59 of them to be exact. And about 30 times that many readers sent in answers to the puzzle, most of them with the correct answer.

The July puzzle stated that a shopper had a handful of pennies which he decided to count by groups. The first time in counting by twos (2) he had one left. Then he counted by threes (3) at a time and had two left. Next he counted by fours (4) and had three left. Finally he counted by fives (5) at a time and had four left.

The question was: how many pennies did the man have in his possession?



The answer, as stated above, was 59 pennies.



The winners, chosen by lot from all the correct answers in each Grand Division on a rotating basis, are as follow:

First Place: Dan K. Wells, Box 454, Obion, Tennessee 38240, a member of Gibson County Electric Membership Corporation—\$10

Second Place: Roger D. Pelham, Route 1, Bradyville, Tennessee 37026, a member of Caney Fork Electric Co-op—\$5

Third Place: Miss Brenda Ellison, Route 4 Box 167, Tazewell, Tennessee 37879, a member of Powell Valley Electric Coop—\$5

And here's our August Puzzle Corner puzzler:



The outside wheels of a car, running on a circular track, are going twice as fast as the inside ones. The wheels on the car are five (5) feet apart on the two axles. What is the circumference described by the two outer wheels?



Send your answer along with your name, address including zip code, and name of your electric co-op to:

Puzzle Corner
The Tennessee Magazine
P.O. Box 7232
Nashville, Tenn. 37210

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GINSENG—Golden Seal—May Apple—Sassafras Leaves WANTED: We are paying \$.90 per lb. for May Apple Root. Send for free price list of 45 roots & herbs. **MAGEE ROOT COMPANY, INC., EOLIA, MO. 63344.**

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