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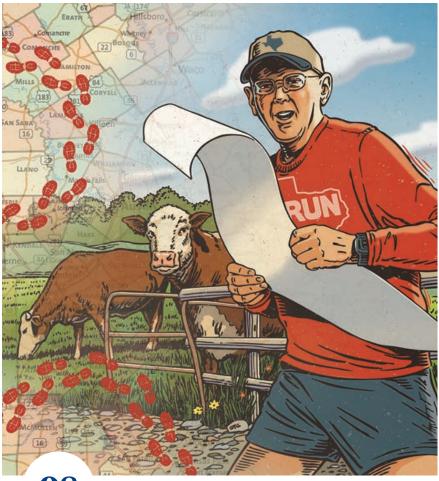
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Texas Coop Power

January 2023



08

A Running List

Jon Walk can't help himself. He runs—all over the state and keeps lists of his expansive exploits.

By Carlton Stowers
Illustration by John Kachik

ON THE COVER
Salye Coles and Joshua,
a mustang in her care.
Photo by Dave Shafer
ABOVE
Jon Walk is on a quest to run
a mile in every Texas county.

Illustration by John Kachik

10 Stable Futures

Texas-based organizations help find homes for needy steeds of different stripes.

By Margaret Buranen Photos by Dave Shafer Currents
The latest buzz

TCP Talk
Readers respond

Co-op News
Information
plus energy
and safety
tips from your
cooperative

Footnotes in Texas History
Priceless Passage
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TCP Kitchen Gluten-Free By Megan Myers

Hit the Road
Afterlife Sentence
By Chet Garner

Focus on Texas
Photo Contest:
Nature's Color

Observations
Oh! Possum!
By Martha
Deeringer

LARIS; AD HOMINEM I STOCK, ADOBE, COM. GUMMY BEAR; NETHUS I SHUTTERSTOCK, COM. SCULPTURE; CHRIS BURROWS I "

Startling Fact

 $\textbf{LEAVE YOUR FRIENDS} \ star\text{-}struck \ with \ your \ smarts.$

Polaris, the North Star, sits directly above the North Pole along Earth's rotational axis. That's the imaginary line that extends through the planet and out of the North and South poles.

But here's the dazzling part: Polaris hasn't always been the North Star. Because Earth wobbles, that rotational axis sometimes points to a different star. That's why, about 14,000 years ago, Vega was the North Star. And it will be again in about 12,000 years.

"Keep your eyes on the stars but remember to keep your feet on the ground."

-THEODORE ROOSEVELT





Turning Your Stomach?

Michigan State University researchers say a newly developed material for making wind turbines could later be recycled into objects ranging from car parts to gummy bears.



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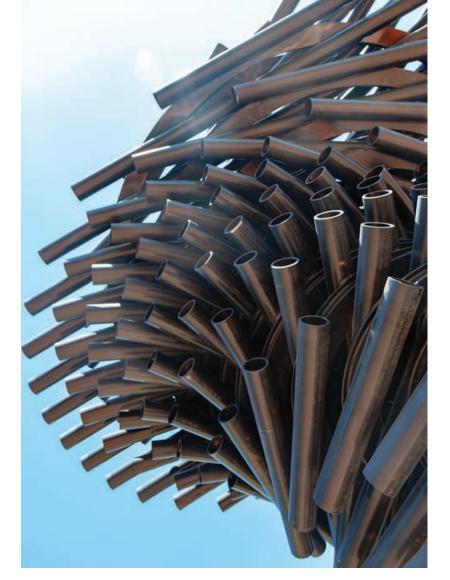
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FINISH THIS SENTENCE THE GREATEST TEXAN EVER IS ...

Tell us how you would finish that sentence. Email your short responses to letters@TexasCoopPower.com or comment on our Facebook post. Include your co-op and town.

Below are some of the responses to our November prompt: It's been so long since I ...

Listened to the red wolves howl in answer to a sawmill steam whistle.

WAYMON VEST HOUSTON COUNTY EC
CROCKETT

Caught fireflies in a jar.

WANDA LOVELACE TRI-COUNTY EC WEATHERFORD

Hopped across the sun-warmed, deep furrows of a freshly plowed cotton field.

DIANN STOVALL CECA ZEPHYR

Dialed a rotary telephone.

REBECCA VANCE WOOD COUNTY EC MINEOLA

Drank from a garden hose.

DUWAYNE ALBRECHT COSERV MCKINNEY

Visit our website to see more responses.

It Sounded Like a ...

ABILENE HAS A NEW sculpture little more than a buffalo chip's toss away from the eight giant steel bison twisting in the wind 35 feet above Frontier Texas. Singing Ringing Tree, above, installed in July 2022, takes advantage of the West Texas town's bluster, turning 27 tons of pipes into giant flutes that create music audible up to 400 feet away, depending on the prevailing gusts.

The 22-foot-tall stack of pipes is arranged in a way that reminds knowing residents of a tornado and takes advantage of the winds that blow through town at an average of 12 mph.



TCP TALK



The Arable Twos

"We should be grateful for every 2-year-old out there who loves the land like he does. Thank you, farmers. We don't say that enough."

BARBARA MACHA COSERV HIGHLAND VILLAGE

Newcomer Nuance?

I've noticed a pattern developing of a decrease in articles featuring longestablished country folk and an increase in showcasing new arrivals to the state [Connecting With the Land, September

From the content that's been featured over the past few years, I can only deduce that our co-op magazine seems to be trying to placate readers with an appetite for citified country life.

Buzz Payne Wood County EC Big Sandy

I have inherited an interest in a farm that belonged to our parents and grandparents. At age 70, I suddenly became the caretaker of the houses and landas your writer said, a blessing and a curse. I've loved learning how to care for it, but I worry who will do this after me.

Patricia Ricks Favette EC Round Top

Hove her [Watch Grandma Cook, November 20221. I am addicted to her on TikTok.

KRISTIN SPRINKI F VIA FACEBOOK

Birds of a Feather

I am a transplanted Minnesotan from the rival Turkey capital, Worthington [Not for the Birds, October 2022]. The article brought me back to the September "turkey days" of my youth. Thank you for highlighting the friendly atmosphere and camaraderie of the festivals.

Marcia Opsata-Sparks Pedernales EC **Dripping Springs**

Summer Pursuit

I was a summer employee for a South Texas power company [Reading Between the Lines, October 2022]. Once a month we had to read meters. One time a smart dog hit his gate, the gate opened, and he escaped. I ran for blocks to capture the dog and return it to its yard.

Ken Steed Pedernales EC Georgetown



TOP WRITE TO US letters@TexasCoopPower.com

Editor, Texas Co-op Power 1122 Colorado St., 24th Floor Austin, TX 78701

Please include your electric co-op and town. Letters may be edited for clarity and length.

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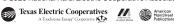
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He runs—all over the state —and keeps lists of his expansive exploits. Running

Jon Walk can't help himself.

BY CARLTON STOWERS
ILLUSTRATION BY JOHN KACHIK

WHEN JON WALK stared down at the scale that morning in 2003 and saw that his weight had gone several pounds beyond the 300 mark, he determined that it was hardly a good look for someone in the health care consulting business. He vowed to make changes and decided to start running.

Early on, he could jog only a few hundred yards through his neighborhood in Spring, north of Houston, before stopping to catch his breath and massage aching calves.

That was long before he finished a marathon in Austin in a personal best time of four hours and 48 minutes; before he had run the grueling 26-mile race 53 times in 48 states; before he set a goal of running at least 1 mile in every county in Texas; and before he had run the streets and back roads of 375 towns and cities across the nation.

And before the 55-year-old native Pennsylvanian, now a well-conditioned 205 pounds, became a list-making wanderer in pursuit of better health and a unique hobby he can't fully explain.

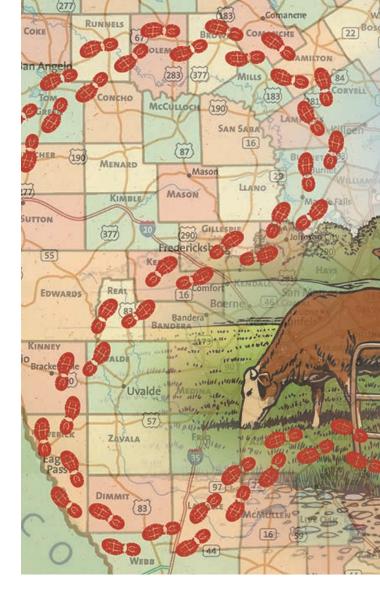
Jon Walk makes lists, many tied to his newfound love for running.

He offers no psychobabble explanation, no Zen-like reasoning. "It just keeps me active and motivated," he says. "I like to think of it as a healthy addiction."

Walk's inspiration came from an old *Runner's World* magazine article about a man who had run at least a mile in every city and township in the state of Massachusetts. Walk borrowed the idea and made all 254 Texas counties his goal. He's getting there, having run in 196 thus far.

"When I'm planning my weekend trips," says the emptynest parent, "I make an effort to get to as many counties as possible."

Recently he tied his personal record when he flew to Amarillo, rented a car and visited seven Panhandle county seats in a day. He'd achieved the same number in East Texas a year earlier. "I love seeing the architecture of some of the older courthouses, reading the historical markers and meeting new people," he says. Once his downtown sightseeing and local history lessons are recorded in his notebook, he goes on a 15-minute run to assure that he's run at least a mile.



Then it's back in the car and off to the next county.

He's run in triple-digit heat and below-freezing temperatures, pouring rain and West Texas dust storms. Early on, he learned to precheck his route for loose and unfriendly dogs.

On an early evening run in Archer City, a local sheriff's deputy watched him closely as he ran past native son Larry McMurtry's famed bookstore. After flying into the Midland-Odessa airport, he recalls snow and ice making it difficult to keep his rental car on the road.

"The unexpected," he says, "is part of the fun."

Whenever possible, he likes to visit a new locale when an organized race has been scheduled. To date, he has competed in races—10Ks, half-marathons and marathons—in 96 counties. "To do so isn't always possible," he points out. "For instance, Loving County out in West Texas doesn't have but 34 people, so it's a little unreasonable to expect them to organize any kind of race. So, when I went there, I picked a route on a caliche road and waved at the cows as I ran by."

Then, there's the other quests.

Though his own athletic career ended with Little League baseball back in Tyrone, Pennsylvania, Walk has enjoyed sports for as long as he can remember. He's got an impressive collection of back issues of *Sports Illustrated* and *Sporting News* to prove it.

A lifelong basketball fan, Walk has been in high school,



college and professional venues from El Paso to Amarillo to the Gulf Coast. With new arenas and gymnasiums opening regularly throughout the state, it's unrealistic to think he might achieve a onetime goal of visiting them all. "I just want to keep seeing as many places and things as I can until I run out of time or money," he says.

While Walk focuses his travel plans on basketball, baseball and football stadiums, he occasionally finds time for soccer and rugby venues and last spring watched his first Premier Lacrosse League game.

Walk's lists also spawn new lists.

He has stopped for coffee and a quick snack at 20 of the 34 Buc-ee's gas stations in Texas. He need only check his notebook to tell you every bowling alley and movie theater he's visited in the past few decades.

When the COVID-19 pandemic interrupted his travels, Walk turned to reading and, yes, began listing each book he finished. He focuses primarily on—what else?—nonfiction books about sports, recently finishing a biography of Hall of Fame pitcher Nolan Ryan.

In addition to his traveling pursuits, he annually serves as an annual and official at numerous Houston-area running competitions, including The Woodlands Marathon and the Houston Half Marathon.

He's also a storehouse of historical knowledge about run-

ning. "If I need something like a list of everyone who has ever competed in all seven Texas Ironman competitions, I go straight to Jon," says Lance Phegley, a longtime friend and former editor of *Texas Runner and Triathlete* magazine. "In addition to his personal pursuits, he's constantly promoting others and their accomplishments. He's always alerting me to something noteworthy that a young runner in some small Texas town has done or some forgotten but fascinating moment in sports history."

Willie Fowlkes, director of The Woodlands Marathon who has known Walk for over a decade, agrees. "He's a great friend and asset to the local running community," he says. "His hobbies are just another cool part of his personality."

In the summer lull before high school and collegiate teams return to competition, Walk stays busy adding baseball stadiums to his list. On consecutive weekends, he traveled to Birmingham, Alabama, and Pearl, Mississippi, to visit minor-league ballparks. Meanwhile, he was checking schedules to find when and where the upcoming 7-on-7 football tournaments would be held.

As stadiums and gymnasiums begin filling with cheering fans in the fall and winter months, Walk's calendar quickly fills.

And he'll be off and running.

STABLE



FUTURES

Texas-based organizations help find homes for needy steeds of different stripes



ABOVE It took 10 days before Joshua, once a wild mustang, allowed Salye Coles to touch his neck. RIGHT Coles says she almost cried when she first saw the haggard horse.

N EXCITED SALVE COLES and her husband were driving six hours from their West Texas ranch to a Bureau of Land Management facility in Oklahoma. They were headed north last May to pick up a bay mustang gelding, tag No. 3345—a wild horse that

had been collected by the BLM as part of an emergency gathering of the animals in the Jackson Mountains of northern Nevada.

In a random drawing, the horse was assigned to Coles, who lives in Sterling City, northwest of San Angelo. She was to train him and make him fit for adoption.

When Coles saw the horse, she almost cried.

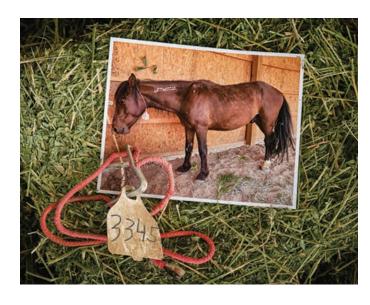
"He was at least 250 pounds underweight, so skinny that his ribs were showing," she says. "His coat was dull, and his mane was matted in knots."

The listless mustang's demeanor worried her even more. "He was so dejected, so withdrawn. He didn't look at me or show interest in anything."

Droughts in the 10 Western states where mustangs roam free have caused a shortage of not just water but also the grass that sustains them. As conditions worsen, the BLM gathers horses to be cared for and eventually adopted.

Most of these wild animals have been under the protection of the federal agency since 1971. More than 20,000 wild horses have been adopted since then, but 50,000 under BLM protection still need homes.

The Mustang Heritage Foundation, based in Round Rock, has partnered with the BLM since 2006 to train and home thousands of these animals. The nonprofit works with horse trainers like Coles in 40 states.





Coles, a retired schoolteacher, is an experienced horsewoman. She trail rides on her two other mustangs and two quarter horses. Still she wondered if she could give the poor mustang in Oklahoma all the care and training he needed.

She had only 100 days to get him ready for a Fort Worth adoption event in August.

After seeing its grim condition, Glenn Coles asked his wife if she still wanted to take the horse home.

Coles had prayed that

she would get the right mustang for her. So she told her husband yes, that she felt at peace with the decision.

On their drive home, Ann Souders of the MHF called. She had already found an adopter: Dale Long wanted him as an equine therapy horse at his Western Cross Ranch in Azle.

A biblical name for the horse seemed appropriate to both women. When Souders suggested Joshua, Coles knew that was the right name. The mustang would have a battle to overcome his poor physical and mental state.

Back home, Coles started earning Joshua's trust. It took 10 days before he allowed her to touch his neck. Another week before she could untie the BLM tag around his neck.

Still more days until he let her put on his halter.

Gradually Joshua started nickering to Coles, indicating he was glad to see her. In the third week of July, she was finally able to saddle and ride him.

What does it mean to bond with a horse that once ran wild and free? Salye Coles says that she most enjoys gaining a mustang's trust. "To watch them willingly give up that wildness, to trust you, is amazing," she says.

"A mustang is a clean slate, no pretenses," Coles says.
"They're the most honest animals I've ever been around.
They're smart, and they analyze every single thing."

What does it mean to bond with a horse that once ran wild and free? Coles says that she most enjoys gaining a mustang's trust. "To watch them willingly give up that wildness, to trust you, is amazing," she says.

When people ask how she can bear to give up this mustang she has nursed back to health and grown to love, Coles tells them she knows Joshua is going to a wonderful home.

"His purpose is to help people who are struggling and fighting back," she says. "He has had to fight a battle too."



SEE FOR YOURSELF

The next Roses to Ribbons adoption event will be held in March at Sam Houston Race Park in Houston. The Mustang Heritage Foundation's Mustang Magic showcase is January 19–21, during the Fort Worth Stock Show & Rodeo.

OPPOSITE Coles and Joshua at the Extreme Mustang Makeover event in Fort Worth. LEFT Tracy Sheffield and Eliot, a former racehorse, have found success in dressage competitions.

Beyond the Finish Line

F COURSE, mustangs aren't the only horses in need of homes.

Tracy Sheffield's passion is thoroughbreds—her own and those that need help finding a life outside of racing.

Like the MHF, the Paddock Foundation, a charitable arm of the Texas Thoroughbred Association, advocates for these majestic animals. The nonprofit has placed hundreds of former and failed racehorses since March 2015—whether they raced for several years or didn't go to post even once, so-called off-track thoroughbreds.

"Since our first event, we have helped almost 200 thoroughbreds find new homes," says Sheffield, the Paddock Foundation's president who lives in Wimberley, southwest of Austin.

Some thoroughbreds, even if they descend from top racing bloodlines, don't do well in racing. Others have successful track careers cut short by injury. If the injury takes months to heal, the owner may decide it makes more financial sense to move the horse to a new owner and career.

To help new owners connect with these thoroughbreds, Sheffield, a Pedernales Electric Cooperative member who works as a business consultant for veterinary practices,

established horse fairs called Roses to Ribbons. The roses represent racing, like those awarded at the Kentucky Derby, and the ribbons represent the awards given at shows and competitions—an analogy for these horses' transitions.

The events are held at Lone Star Park in Grand Prairie, Sam Houston Race Park in Houston and Retama Park near San Antonio. Two weeks before a meet ends, Sheffield visits with trainers to get details and photos of horses that need new homes. "Through social media—I belong to over 20 horse groups online—I post photos of the available thoroughbreds," she says.

Each fair is held before the day's racing starts and always draws a crowd. Trainers bring their horses to the paddock and talk directly with prospective adopters. Each adoption fee is a private sale by the trainer to the new owner.

"The horses have been well cared for," she says. "The trainers are very picky about who gets to adopt their horses [and can] refuse any sale. I have heard them tell prospective adopters, 'This horse isn't right for you.'"

Sheffield herself has adopted two thoroughbreds. Eliot, a 12-year-old bay, showed no talent for racing. Now he competes in dressage and does trail riding. Sheffield says that Eliot isn't high-strung, as many thoroughbreds are.

"He is so trustworthy," she says. "He takes such good



care of his rider. I've taught people who have never ridden to ride on Eliot."

Gus is 7 years old, has a dark coat and is like a friendly, curious puppy. He was training well for racing when he fractured a sesamoid bone near one foot. The bone healed after surgery, but because of his height, the trainer decided not to risk a second injury from racing that might have left him unsound for other riding. Now he does trail riding.

Thoroughbreds' speed makes them suitable for competitions. They do well in jumping, dressage and trail riding. Sheffield advises potential adopters to "think outside of the box with thoroughbreds.

"They can do well in the Western sports world, too, in Western dressage or barrel racing," she says. "The most sure-footed trail horse I've ever had was a thoroughbred." ■

ABOVE Eliot needed little coaxing from Sheffield to perform a bow. RIGHT Watch Eliot and Sheffield interact in a video with this story online.



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40	9.63	9.12	13.13	11.01	18	16	28	25	63	43.48	35.46	84.52	59.23	150	111	284	199
41	10.00	9.27	13.66	11.60	20	17	30	26	64	48.24	39.77	94.35	66.07	168	125	317	223
42	10.44	9.46	14.30	12.31	21	18	33	29	65	53.88	44.87	105.96	74.15	188	142	356	251
43	10.99	9.68	15.09	13.19	24	20	37	31	66	59.39	48.85	116.50	84.59	208	150	392	270
44	11.57	9.92	15.92	14.11	26	22	41	34	67	66.07	53.68	129.30	97.26	232	161	437	293
45	12.25	10.20	16.90	15.20	28	24	46	38	68	74.33	59.65	145.11	112.92	262	174	491	322
46	12.56	10.67	17.87	15.91	30	26	49	40	69	82.98	65.91	161.68	129.33	293	188	548	352
47	12.94	11.23	19.04	16.76	32	27	53	44	70	93.20	73.30	181.25	148.72	330	204	615	387
48	13.40	11.93	20.50	17.82	35	29	58	48	71	102.45	82.71	204.38	159.34	374	235	702	443
49	13.89	12.66	22.02	18.92	37	31	63	52	72	113.68	94.13	232.46	172.23	427	272	807	512
50	14.46	13.52	23.82	20.23	41	34	69	57	73	127.55	108.24	267.15	188.15	493	319	937	596
51	15.33	14.15	25.81	21.48	44	36	77	62	74	142.08	123.01	303.50	204.84	562	367	1074	685
52	16.38	14.92	28.22	22.99	49	39	86	67	75	159.25	140.48	346.45	224.56	644	424	1235	789
53	17.69	15.86	31.20	24.87	54	42	97	74	76	200.03	174.92	418.29	276.67	785	530	1489	982
54	19.05	16.85	34.33	26.83	60	46	108	82	77	249.54	216.74	505.52	339.94	956	658	1797	1215
55	20.66	18.02	38.02	29.15	67	50	122	90	78	310.70	268.40	613.27	418.11	1167	817	2179	1504
56	22.28	19.04	41.28	31.10	73	54	134	98	79	374.78	322.52	726.16	500.00	1389	983	2578	1807
57	24.24	20.27	45.24	33.46	80	58	148	107	80	450.51	386.48	859.57	596.78	1651	1180	3050	2164

^{* \$500,000} and \$1,000,000 monthly rates are rounded up to the nearest dollar. Therefore, actual monthly rates at \$500,000 and \$1,000,000 may be slightly less.

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GENERAL MANAGER BRAD BIERSTEDT

The Fight Against **Outages Never Ends**

NO MATTER HOW hard Karnes Electric Cooperative employees work to keep the power flowing and your lights on, some outages are simply unavoidable. Lightning and ice storms that break poles and snap wires are familiar culprits, but animals, car wrecks and even aircraft can knock out the power when the sun is shining.

That's why your co-op takes many measures to minimize outages. Let me share with you a few of the ways we continually work to keep your lights on.

There are a staggering number of poles on our system. If you look closely at any of the poles, you'll notice small dated aluminum tags. These tags are installed when a section of line is professionally inspected. Often, two or three tags can be seen on the same pole, one for each inspection. The inspectors are trained experts who use visual, ultrasound and boring tools to find issues that can be fixed before they turn into problems.

Monthly substation inspections are another measure we take to ensure normal operations. Along with visual inspections, readings are recorded to identify abnormalities such as oil leaks, discoloration and even bird nests. Workers check batteries and change filters, and oil samples are taken and analyzed annually in an effort to stay ahead of issues.

Right-of-way management is an ongoing battle. Tree branches that have grown—or blown—into a line can cause your lights to dim or blink, so tree trimming is a critical part of our right-of-way management efforts, with most of the work done in the fall and winter.

Our crews patrol the lines daily, whether on an outage call or on the way to build new lines. If we can find an issue and fix it before it causes an outage, that's a good day.

All these efforts and more are part of our everyday commitment to provide electricity that you can rely on to keep the lights on. \blacksquare



Energy-Saving Resolutions That Save Money

WITH THE FRESH start that the new year brings, it's a good time to put energy-saving goals on your resolutions list. The responsible use of resources—including fuels and electricity—will benefit the environment and save you money.

Here are 10 tips to keep that resolution in 2023:

- 1. Seek ways to save money on fuel and increase your vehicle's fuel efficiency. That can be as simple as changing your driving habits, removing weight from the trunk and servicing your vehicle regularly.
- 2. Upgrade to a programmable thermostat and make sure it's properly set up. Turning back the thermostat overnight and when no one is home can save you 10% or more on heating and cooling costs.
- 3. Check for air leaks and apply caulk or weatherstripping to seal them. Even if you've done this recently, double-check to make certain no leaks were missed and see if any caulk or weatherstripping needs to be replaced.
- 4. Make sure the attic is properly insulated. Attics are one of the most important and often one of the easiest places in a house to insulate.
- 5. Seal and insulate the foundation walls of any unventilated crawl spaces and check for moisture and deterioration problems.
- 6. Landscape with water conservation in mind and triple-check the sprinkler system to make certain there are no leaks and to optimize water coverage.
- 7. Keep the water heater at 120 degrees and install a water heater insulating blanket.
- 8. Ensure any appliances and electronics purchased throughout the year are Energy Star rated. They use less energy, save money and help protect the environment.
- 9. Kill phantom energy loads (aka "vampire power") by unplugging electronics and appliances when they're not in use.
 - 10. Share how easy it is to save money and energy at home.



Karnes Electric Cooperative

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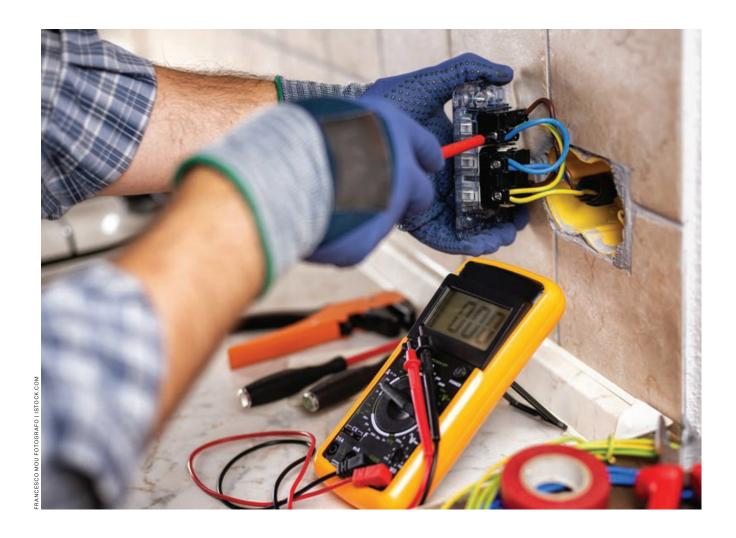
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Put Electrical Safety at the Top of Your List

PROTECTING YOUR FAMILY from electric shocks, tripping hazards and house fires is easier than losing 20 pounds or quitting smoking. So make it New Year's resolution No. 1.

Here are 10 simple ways to keep that resolution:

- **1. Inspect your outlets.** Loose-fitting plugs can surprise someone with a shock or start a fire. If your wall plate is broken, replace it so wires won't be exposed. And insert plastic safety caps into unused outlets if your family includes young children.
- **2. Make peace with plugs.** If a plug doesn't comfortably fit into an outlet, don't force it. Try a different outlet. And never remove the grounding pin (third prong) so a three-prong plug will fit into a two-prong outlet.
- **3. Be careful with cords.** They're not designed to last forever. Toss frayed or cracked cords. And never run cords under carpets or rugs, where continual wear and tear from foot traffic could damage them—exposing you to fire from overheated wires.
- **4. Pack up extension cords.** They're fine for connecting strands of holiday lights together and helping decorations reach plugs during December. But come January, pack them up and store them. Extension cords are designed for temporary use.
- **5. Watch your wattage.** The lightbulbs in your lamps and overhead fixtures should match the specifications on those fixtures. A bulb with wattage that's too high can overheat.

- **6. Find no fault.** Ground-fault circuit interrupters are a must in every outlet in the kitchen, bathrooms, laundry room, garage and outdoors. If water could touch electricity, you need GFCIs on every outlet in the room.
- **7. Fuss with your fuses.** If you don't know whether your fuses are the right size for the circuit they're protecting, call an electrician, who can make that assessment.
- **8. Adjust appliances.** If a circuit trips every time you plug in your hair dryer or if your coffee maker has ever shocked you when you plugged it in, you either have a faulty appliance or an overloaded circuit. An electrician can identify and solve that problem.
- **9. Watch the wiring.** Faulty electrical wires start many house fires. If you hear popping or sizzling sounds behind the walls or if light switches feel hot, do not use those fixtures or switches until a licensed electrician has replaced them.
- **10. Get what you need.** Unless you live in a brand-new house, you're probably using more electricity than the builder intended. Call an electrician to determine whether your home needs more electrical capacity. ■

5 Ways To Fight Winter's Chill and Reduce Bills

WE ALL HAVE OUR favorite season. Some people love bundling up under a blanket, while others prefer the warm temperatures summer brings. But there's one thing we can all agree on: High winter bills are never fun. Karnes Electric Cooperative can help you find ways to manage your home energy use and keep winter bills in check.

Here are five tips to help increase your home's energy efficiency this winter:

- **1. Mind the thermostat.** This is one of the easiest ways to manage your home energy use. Set your thermostat to 68 degrees—or lower—when you're home, and when you're sleeping or away for an extended period of time, set it between 58 and 62 degrees.
- **2. Button up your home.** The Department of Energy estimates that air leaks account for 24%–40% of the energy used for heating and cooling a home. Caulking and weatherstripping around windows and doors is another simple, cost-effective way to increase comfort and save energy.
- **3.** Use window coverings wisely. Open blinds, drapes or other window coverings during the day to allow natural sunlight in to warm your home. Close them at night to keep the cold, drafty air out.
- **4. Consider your approach to appliance use.** When combined, appliances and electronics account for a significant chunk of our home energy use, so assess how efficiently you're using them. For example, if you're running the dishwasher or clothes washer, only wash full loads. Look for electronic devices that consume energy even when they're not in use, like phone chargers or game consoles, and unplug them to save energy.
- **5. Think outside the box.** If you're still feeling chilly at home, add layers of clothing, wear thick socks and bundle up under blankets. You can even add layers to your home! If you have hard-surface flooring, consider purchasing an area rug.

Winter months can bring some of the highest energy bills of the year. By being proactive about saving energy, you can increase the comfort of your home and reduce monthly bills.





What's on That Pole?

A UTILITY POLE might seem simple—a wooden post with wires—but it's surprisingly complex. How does it all work together to deliver electricity and sometimes other utilities to your homes and businesses?

From top to bottom, an electric utility pole may have:

Primary wires, which carry 7,200 volts of electricity from a substation—60 times higher than the voltage that runs through your home's electrical outlets.

Insulators, which prevent energized wires from contacting each other or the pole.

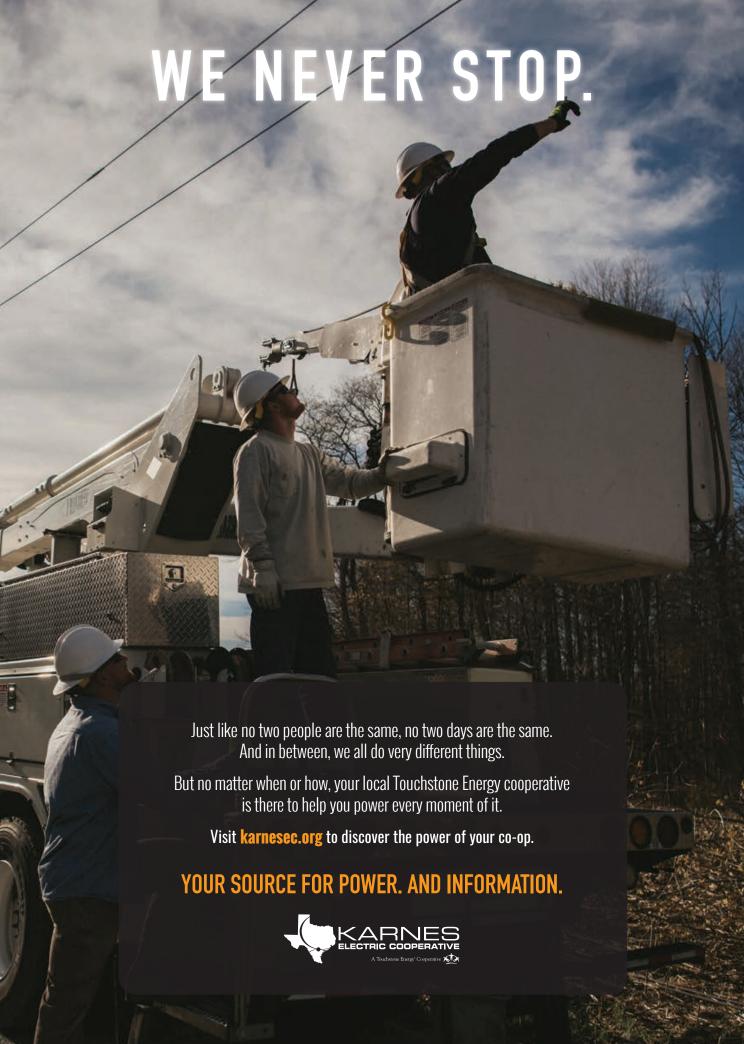
Surge arresters, which protect transformers from lightning strikes.

A neutral wire, which acts as a line back to the substation that's tied to the ground, balancing the electricity on the system.

A secondary service drop, which carries 120 or 240 volts of electricity to homes. It has two hot wires from the transformer and a bare neutral wire that's connected to the ground wire on the pole.

A ground wire, which connects to the neutral wire to complete the circuit inside the transformer and directs electricity safely into the earth.

Phone, cable and fiber-optic wires, which, if present, are usually the lowest wires on the pole.



Teach Indoor Electrical Safety to Youngsters

WHEN WINTER TEMPERATURES force families to spend more time inside, seize the opportunity to teach children about indoor electrical safety.

Here are some important lessons that Karnes Electric Cooperative recommends sharing with your kids:

Water and electricity are a dangerous mix. Never sit, stand or attempt to walk through water that is in contact with an electric appliance or toy. Teach children to recognize and avoid risks in areas including bathrooms, laundry rooms, kitchens and around pools, where water and electricity could make contact.

Electronics and accessories must be handled with care. Younger children should ask for help when they want to use an electronic device.

Never stick fingers or objects into toasters or other electric appliances or into outlets or extension cords.

Teach your children not to charge their cellphones under their pillows while they sleep because phones can overheat and catch fire.

If you have toddlers around the house, childproof your home using these tips:

Childproof outlets with simple outlet plugs or tamper-resistant outlets, which have a shutter system that only accepts electric plugs.

Keep cords out of sight so that children are not tempted to play with them. Holders, spools and clips can help you do this, or you can get creative with twist ties and rubber bands to keep them out of reach.

Never leave chargers or extension cords plugged in after use. A curious child may put a cord into his or her mouth and suffer an electric burn or wrap them around his or her neck and cause strangulation.

Supervise children closely when they play with electronic or battery-operated toys.

Repair or dispose of damaged electronics and cords.

Use ground-fault circuit interrupters to detect and prevent shocks. You should have GFCIs anywhere that water and electricity may meet, such as in bathrooms, kitchens and basements.



TEXAS BEEF COUNCIL

Texas-Style Chili

- 2 tablespoons vegetable oil
- 3 medium onions, chopped
- 2 cloves garlic, crushed
- 2 pounds sirloin steak, cut into half-inch cubes
- 1 can (28 ounces) tomatoes, undrained
- 1 can (6 ounces) tomato paste
- 1 can (4 ounces) chopped green chiles
- 3 tablespoons chili powder
- 1 tablespoon cumin
- 21/2 teaspoons salt
- 6 whole cloves
- 1/4 teaspoon cayenne pepper, or to taste
- 1. In a Dutch oven, heat vegetable oil over medium-high heat. Add onions and garlic and sauté until onions are tender, about 5 minutes, stirring occasionally.
- **2.** Add cubed beef and cook until no longer pink.
- **3.** Add tomatoes, tomato paste, chiles, chili powder, cumin, salt, cloves and cayenne.
- **4.** Reduce heat to low. Simmer covered for about 2 hours, stirring occasionally.

SERVES 6

Find this and more delicious recipes online at TexasCoopPower.com.

Where Besties Beckon

Youth Tour—the co-op-sponsored trip to Washington, D.C.—is back, continuing a decadeslong tradition BY CHRIS BURROWS

GRANT CARLISLE LEANED IN close as he studied a section of a giant map of North Texas on the wall of Rep. Van Taylor's office on Capitol Hill. The teen's face was inches from the surface as he scoured a sea of red pushpins that denoted visitors to the office.

Suddenly he pulled his face away, wide-eyed. "That's like literally right where my house is," he said. "This pin right here."

He was connecting the dots.

Carlisle's Frisco home has a special place in Washington, D.C., and you could see that realization all over his face that day in June 2022.

That's the power of the Government-in-Action Youth Tour—stirring, life-changing experiences, one after another. Texas' electric cooperatives have sent more than 4,400 teens to Washington on this annual trip of a lifetime since 1965. The trip was canceled for the first time, in 2020 and 2021, due to the COVID-19 pandemic. But last June, 123 students from Inez, Muleshoe, Rusk, Stamford and points in between began their adventure in the state capital as strangers. They returned home 10 days later as friends for life, bonded by text chains, social media and deeply moving shared experiences.

"This trip was full of many firsts: first time being homesick, first time flying, first time having dance lessons in a lobby, first time chanting 'the stars at night are big and bright,' "said Naomi Abrego of San Juan, who was sponsored by Magic Valley Electric Cooperative. "I genuinely didn't think I would create life-lasting bonds with others, but I was wrong. I've witnessed people go from strangers to besties."

Youth Tour was conceived by then-Sen. Lyndon B. Johnson in 1957, when he charged electric cooperatives with sending teens to D.C. to "see what the flag stands for and represents." Soon after, Texas sent its first group of 58. And this June, more than 150 will tour Washington's many monuments, museums and memorials; learn about democracy, government and electric cooperatives; and even meet their representatives on Capitol Hill.

Nine years before Cole Shirley, manager of metering and fiber infrastructure for Tri-County Electric Cooperative, was hired by the co-op, he was first exposed to the co-op world on Youth Tour in 2009.

"MidSouth Electric Cooperative was my sponsoring cooperative, and they furnished an internship

as part of the tour and scholarship package," he said. "My time working for them in the summer after Youth Tour showed me the family environment common to all cooperatives and let me experience a range of tasks from working with cashiers to pulling wire for an underground service."

Some participants—like Vanessa Alvarado of Gholson, outside Waco—feel called to serve their country.

"I was overwhelmed with heartfelt respect when we visited Arlington National Cemetery," said Alvarado, who was sponsored by HILCO EC in 2019 and enlisted in the Air Force. "And just knowing how all these men and women paid the ultimate price for their country inspired me even more to continue and be a part of something bigger than myself."

Not every participant can attest to that kind of invigorating experience. But all can vouch for the unique bonds forged by going through first after first with a busload of strangers. Between belting out *Deep in the Heart of Texas*, dancing in hotel lobbies and posing for selfies, they couldn't have connected the dots between small-town Texas and big-city D.C. without the friends they made along the way.

"We have a group chat with 123 people on it, and they're not lying when they say you have another family," said Luke Hoelscher of San Angelo, sponsored by Concho Valley EC last summer. "It's 123 extra family members all across the state of Texas, and it's amazing."

Fellow CVEC delegate Kenley Cox of Haskell put it bluntly.

"My favorite thing about the trip wasn't the architecture or the beauty of the things we saw," she said. "It was the friendships that were made.

"We came, we saw and we represented Texas."

For more information on Youth Tour and how you can apply, contact your electric cooperative.

OPPOSITE FROM LEFT 2022 Youth Tour participants Olivia Dyer, HILCO EC; Jazmin Rodriguez, Southwest Texas EC; and Israel Valdes, Magic Valley EC.









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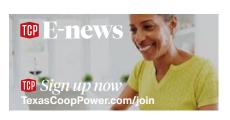
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FOOTNOTES IN TEXAS HISTORY



Priceless Passage

The Port Mansfield Channel led to the Gulf and a 400-year-old Spanish treasure

BY W.F. STRONG • ILLUSTRATION BY BRAVE UNION

PADRE ISLAND is the longest barrier island in the world, measuring 113 miles from Corpus Christi to Brazos Santiago Pass. Up until the late 1950s, you could drive the length of the island with a decent four-wheel-drive vehicle. That changed in 1957, when the Port Mansfield Channel was dredged. The cut had been a decadeslong dream of the Laguna Madre-locked locals and gave them convenient access to the Gulf of Mexico.

At 4 a.m. on September 23, 1957, a giant dredger dug out the last sand dune, cutting the island in two and creating North and South Padre islands.

A Port Mansfield resident named Bill Rapp was elated. "I was there," he wrote, "when the dredge Miami took the final cut out of the old Padre and the waters of the Laguna Madre went rushing into the Gulf of Mexico."

The Port Mansfield Channel is about 9 miles long, running 7 miles through the bay and through 2 miles of island mud flats and dunes to reach the sea.

During the dredging, the mud and clay being sucked from the channel and spewed onto the banks suddenly brightened with silver coins sparkling in the sunlight. The dredge had crushed an old Spanish galleon buried there for centuries.

The Santa María de Yciar was one of four ill-fated ships that had set sail

Listen as W.F. Strong narrates this story on our website.



together from Veracruz, Mexico, in 1554 on the way back to Spain. The king had ordered the ships to bring back 100,000 coins of gold and silver from Mexico for the Spanish treasury, smartly dividing the loads among the four vessels.

A tropical storm blew the ships off course, and winds pushed them across the entire Gulf and smashed three of them against the sandbars of Padre Island. Their hulls were pried open and their treasures spilled out onto the sandy bottom. The fourth ship, the San Andrés, was battered in the storm but made it to Havana, Cuba. In the centuries ahead, Padre would be known as the "graveyard of the gulf."

The three wrecked ships—the San Esteban, Espíritu Santo and Santa María de Yciar—sat undiscovered for four centuries. The former two were found years later a few miles north of the Mansfield cut. Treasure hunters descended on them and had collected quite a fortune before the state of Texas took action and forced them to cease operations and turn over their plunder. The state eventually paid them \$313,000 for their efforts and then placed the coins, anchors, cannons and other artifacts from the wrecks in the Corpus Christi Museum of Science and History, where you can see them today.

And if you're wondering if coins can still be found, the channel was dredged to its greatest depth in the past few years, said Ron Mills, executive director of Port Mansfield. "During those operations, there were no reported discoveries of new coins or other artifacts that may have pertained to the shipwrecks," he said.

Sorry, treasure hunters.

Gluten-Free

Try these special treats that stick to specialized dietary needs

BY MEGAN MYERS, FOOD EDITOR

Gluten-free cooking has become more accessible thanks to the spread of products filling grocery shelves. Gluten-free recipes, required by some for health reasons, are a great way to explore new ingredients. While my family craves sweet crepes, Flove using nutty buckwheat flour to make savory versions. Ham and cheese are classic fillings, but feel free to experiment.



Gluten-Free Ham and Cheese Crepes

11/2 cups milk

1 cup gluten-free buckwheat flour

3 eggs

2 tablespoons (¼ stick) butter, melted, plus more for the pan

1/4 teaspoon salt

1 cup shredded Swiss cheese

10-20 pieces thinly sliced ham

COOK'S TIP Crepes cook quickly, so keep an eye on the heat level and reduce as needed if the crepe is cooking before you can spread the batter around the pan.

- 1. In a large bowl, whisk together milk, buckwheat flour, eggs, melted butter and salt until smooth. Cover and place in the refrigerator to chill for at least 30 minutes and as long as overnight.
- **2.** When ready to cook, place a nonstick frying pan over medium heat. Add a small amount of butter to the pan.
- 3. Whisk the crepe batter again and pour a small amount of batter into the pan, just enough to thinly cover the bottom. Quickly swirl the pan to coat the pan with an even layer.
- **4.** Cook 1–2 minutes, then loosen the edge with a thin spatula and carefully flip the crepe over. Cook 1–2 minutes more, then transfer to a plate. Repeat with remaining batter.
- **5.** To fill, return a crepe to the pan. Sprinkle on a small amount of cheese, then place 1–2 slices of ham and sprinkle with more cheese. Cook until warmed through and cheese is melted, then fold over edges toward the middle to form a packet. Serve topped with fresh herbs or a fried egg.

SERVES 10

Follow along with Megan Myers and her adventures in the kitchen at stetted.com, where she features a recipe for Bacon-Wrapped Asparagus.



Flourless Chocolate Cake

CAROL YOUNKIN SAM HOUSTON EC

With no flour needed, this rich cake is a cinch to prepare. To cut into neat slices, Younkin recommends chilling the cooled cake until firm, then warming in the microwave as desired.

- 34 cup (11/2 sticks) unsalted butter, cut into small pieces, plus more for greasing the pan
- 1 cup bittersweet or semisweet chocolate chips
- 1/2 cup unsweetened natural cocoa powder
- ¾ cup sugar
- 4 eggs
- 1 teaspoon vanilla extract Whipped cream or ice cream, for serving
- 1. Preheat oven to 350 degrees. Generously butter the bottom and sides of an 8-inch springform pan or press a sheet of foil into the bottom and sides of an 8-inch round cake pan, smoothing the sides and buttering the foil.
- 2. Add a few inches of water to a saucepan and set over medium heat, bringing to a simmer. Set a heatproof bowl over the saucepan to create a double boiler and add the chocolate chips. When the chocolate looks soft and is starting to melt, stir with a spatula until smooth and completely melted.
- **3.** Turn off the heat and add butter to the bowl, stirring until melted. Add cocoa powder and stir again until completely incorporated and smooth. Remove bowl from the saucepan.



\$500 WINNER

Gluten-Free Baked Spinach Fritters

KATHLEEN RUST PEDERNALES EC



Perfect for brunch or as an appetizer or side, these tasty fritters are a great way to get more vegetables to the table. Rust came up with the recipe as an alternative to frying. She recommends gluten-free panko (Japanese-style breadcrumbs) as an alternative to cornflakes.

MAKES 15 PIECES

- 1 package frozen spinach (10 ounces), thawed but not drained
- 3 eggs

1/2 cup cassava flour

- 1 teaspoon adobo seasoning
- 1/8 teaspoon pepper
- 2 cups shredded mild cheddar cheese
- 1 cup shredded pepper jack cheese
- 3/4 cup chopped leeks or onions
- ½ cup chopped bell pepper
- 1 large clove garlic, minced
- 1/4 cup avocado oil
- 34 cup crushed unsweetened gluten-free cornflakes, plus extra for topping
- 1. Preheat oven to 350 degrees.
- 2. In a large bowl, combine spinach, eggs, cassava flour, adobo seasoning and pepper. Add cheeses, onion, bell pepper and garlic and stir until ingredients are evenly mixed.
- **3.** Pour avocado oil onto a 9-by-13-inch sheet pan and tilt to coat the entire bottom and sides. Sprinkle crushed cornflakes over the bottom.
- **4.** Dollop spinach mixture onto sheet pan, pressing gently with a spoon or spatula to spread evenly. Sprinkle additional crushed cornflakes over the top.
- **5.** Bake 35 minutes, until browned. Cool until just warm and cut into squares.



TEXAS SEAFOOD DISHES DUE JANUARY 10 We want a boatload of recipes for all manner of seafood. Submit your recipes on our website by January 10 for a chance to win \$500.



RECIPES CONTINUED

- **4.** Stir in the sugar until incorporated, then add eggs one at a time, beating well after each addition. Stir in the vanilla, then pour batter into prepared pan.
- **5.** Bake 40–50 minutes, until crackly and dry on top. A toothpick inserted 2 inches from the edge should come out clean. Cool cake in the pan on a wire rack, then remove springform side or lift cake out using foil overhang. Serve warm, at room temperature or chilled with whipped cream or ice cream on top.

SERVES 8-10

Pão de Queijo (Brazilian Cheese Bread)

CAROLINE TEIXEIRA PEDERNALES EC

Tapioca flour, also called tapioca starch, is essential for making chewy Brazilian cheese bread. Note that the dough will be wetter and stickier than a traditional bread, so avoid the temptation to add too much flour.



11/4 cups whole milk

1/2 cup water

6 tablespoons vegetable or olive oil

2 teaspoons salt

4 cups tapioca flour, plus more as needed

2 eggs

11/2 cups grated Parmesan cheese 1 cup shredded mozzarella cheese

- 1. Preheat oven to 400 degrees.
- **2.** In a saucepan, combine whole milk, water, oil and salt. Bring to a boil over medium-high heat.

- **3.** Add the tapioca flour to the bowl of a stand mixer and pour the boiling liquid over the flour. Mix well on low speed until mixture looks soft, sticky and stringy.
- **4.** With the mixer running, add eggs one at a time, fully incorporating after each. Add cheese a little at a time until all is added and dough is fully mixed.
- **5.** If dough is too moist, add a small amount of tapioca flour until a soft and sticky dough is reached.
- **6.** To shape the bread, wet your hands with cold water. Scoop a small amount of dough out with a spoon or your fingers and roll into a ball slightly smaller than a golf ball. Arrange on a baking sheet and repeat until all dough is shaped, rewetting hands as needed during the process.
- **7.** Bake 15–20 minutes, until puffed and golden.

MAKES ABOUT 3 DOZEN

You don't have to wait until January 20, National Cheese Lovers Day, to partake of this dairy delight. We have more than 300 recipes that include cheese on our website. Now you can't wait, can you?



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Afterlife Sentence

John Wesley Hardin remains behind bars even in an El Paso cemetery

BY CHET GARNER

LIKE MANY TEXANS, I grew up hearing legends of famous gunfighters who roamed the Wild West. They were quick with a pistol and even quicker to gun down anyone who crossed them. Among the most notorious was John Wesley Hardin, who claimed to have killed more than 40 people in his lifetime.

On a trip to El Paso, I stopped by the historic Concordia Cemetery to visit his grave and see if he could still send shivers down my spine like his stories did when I was a kid.

Concordia Cemetery looks like the set of an old Western movie. Tombstones and wooden crosses cover a landscape of dirt and cactuses. It holds more than 60,000 graves dating back to the 1850s, but it didn't take long for me to find Hardin's final resting place, which is protected by a canopy of iron and stone.

Hardin's story is a violent one. Despite numerous arrests and escapes, starting in his teens, the native of Bonham was eventually sentenced to 25 years in prison for killing a deputy sheriff in Comanche County. During his time in prison, Hardin studied law, led Sunday school and attempted to change his nefarious ways.

At the age of 41, he received a full pardon and moved to El Paso to practice law. Sadly, his old ways followed him westward, and he was shot in a saloon. The coroner famously said, "If Hardin was shot in the eye, it was excellent marksmanship. If he was shot in the back, it was excellent judgment."

Hardin's grave was covered with coins and tokens left by visitors and a pair of golden guns. It's a fitting reminder that those who live by the sword die by the sword. Or in Hardin's case—the gun. ■

ABOVE As Chet can see, there will be no more escaping for John Wesley Hardin.

Chet aims to pay a personal visit to one of Texas' shadiest outlaws. Watch the video on our website and see all his Texplorations on *The Daytripper* on PBS.



Know Before You Go

Call ahead or check an event's website for scheduling details.

JANUARY

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Kerrville Symphony of the Hills: Western Swing, (830) 896-9393, caillouxperformingarts.com

Valley View Trout Kids Derby, (940) 637-2294, tpwd.texas.gov

09

Uvalde [9-14] San Antonio Stock Show & Rodeo Qualifier Event, (210) 985-4748, sarodeo.com

12

Glen Rose [12–14] Somervell County Youth Fair, (817) 964-2752, somervellcountyyouthfair.com

Plano [12–14, 19–21, 26–28] Four Weddings and an Elvis, (972) 849-0358, roverdramawerks.com

13

La Grange Kelly Willis, (979) 968-9944, thebugleboy.org

Lubbock Star Trek II: The Wrath of Khan and William Shatner, (806) 792-8339, buddyhollyhall.com

New Braunfels [13–15] Antique Show and Sale, (918) 619-2875, heritageeventcompany.com

14

Fredericksburg Blues Festival, (830) 997-3224, luckenbachtexas.com

Granbury The Mammoth Ice Age Run, mammothrace.com

Monahans Sandhills Resolution Run, (432) 943-2187, monahans.org

Austin [14–15] Citywide Vintage Sale, (512) 441-2828, citywidevintagesale.com 15

Fredericksburg Take 3, fredericksburgmusicclub.com

San Antonio Untamed With Filipe DeAndrade, (210) 223-8624, tobincenter.org

16

Houston MLK Grande Parade, (713) 560-8328, mlkgrandeparade.org

20

Lufkin Pink Martini, (936) 633-5454, angelinaarts.org

Galveston [20–21] Yaga's Chili Quest and Beer Fest, (409) 770-0999, yagaschiliquest.com

South Padre Island [20–22] Market Days, spimarketdays@gmail.com, spimarketdays.com

Port Aransas [20–29] Restaurant Week, (361) 749-5919, portaransas.org

21

Irving Las Colinas Symphony Orchestra, (972) 252-2787, lascolinassymphony.org

Kerrville ZuZu African Acrobats, (830) 896-9393, caillouxperformingarts.com

Lake Jackson Delfeayo Marsalis With the Brazosport Jazz Orchestra, (979) 285-2501, brazosport.org

Victoria Jason Scheff's Chicago Nights, (361) 576-4500, victoriasymphony.com

MORE EVENTS >

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We pick events for the magazine directly from TexasCoopPower.com. Submit your April event by February 1, and it just might be featured in this calendar.



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Pick of the Month

Wild Game and Wine Camofest

Bay City, January 28 (979) 245-8081 baycitycamofest.net

Break out the camouflage and blend into a festival with locally caught samples of wild game, fish and fowl; wine; food inspired by Texas wines; live entertainment; shopping; and activities for the kids.

JANUARY EVENTS CONTINUED

21

Fredericksburg [21–22] Rockhounds Gem and Mineral Show, (325) 248-1067, rockngem.com

Plano [21-22] Dallas Area Train Show,

chris@railroadmodelers.com, dfwtrainshows.com

24

Tyler The Doo Wop Project, (903) 566-7424, cowancenter.org

26

Schulenburg Turtle Wing Toast, (979) 505-5090, turtlewingfoundation.org

27

San Angelo [27–29] Comic Con, sanangelocomiccon.com

28

Coppell San Jose Taiko Interactive Matinee, (972) 304-7047, coppellartscenter.org

Mathis Kid Fish, (361) 547-2635, tpwd.texas.gov Port Aransas Home Tour,

portagardenclub@ hotmail.com, facebook.com/ portaransashometour

Surfside Beach Food and Art Festival, (979) 233-1531, surfsidetx.org

Temple Temple Symphony Orchestra, (254) 778-6683, templesymphony.org

29

Lufkin Marian Anderson Quartet, (936) 633-5454, angelinaarts.org

Richardson Rhapsodies in Blue, (972) 744-4650, www.eisemanncenter.com

FFBRUARY

02

Orange The Simon and Garfunkel Story, (409) 886-5535, lutcher.org

South Padre Island [2-4] Kite Fest, (956) 761-1248, spikitefest.com

03

Burnet [3–4] Highland Lakes Quilt Festival, hlqguild@gmail.com, hlqg.org

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Brenham Brenham Heritage Museum Dance at La Bahia, (979) 337-7580, visitbrenhamtexas.com

Corpus Christi Corpus Christi Symphony Orchestra: An Interplanetary Experience, (361) 883-6683, ccsymphony.org

North Zulch Chili Cook-Off, (979) 488-9214, facebook.com/nzvfd

Rockport [4–5] Clay Expo, (361) 729-5519, rockportartcenter.com

Nature's Color

"Nature's first green is gold, Her hardest hue to hold. Her early leaf's a flower; But only so an hour." —From Nothing Gold Can Stay by Robert Frost

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2 JAZZMIN AGUAYO PEDERNALES EC

"A Portuguese man-of-war on the shore of Port Aransas provides a vibrant display of brilliant color."

3 GARY IMM SAM HOUSTON EC

This emission nebula, as seen from the shores of Lake Livingston through a large telescope, is called the Cat's Paw Nebula.

4 MIKE ZARELLA PEDERNALES EC

This male painted bunting stopped for a drink at the bird blind water feature at Pedernales Falls State Park.



Upcoming Contests

DUE JAN 10 Taking Flight DUE FEB 10 Dad DUE MAR 10 Waterfalls



Enter online at TexasCoopPower.com/contests.

See Focus on Texas on our website for more Nature's Color photos from readers.







Oh! Possum!

Learning to like a late-night neighbor

BY MARTHA DEERINGER
ILLUSTRATION BY KIRSTEN ULVE

THE FIRST TIME our resident opossum and I met in the dark on a tiny, enclosed back porch was traumatic for both of us. I may have screamed. He may have hissed.

We made hasty retreats in opposite directions—he back through the broken pet door he had rudely entered.

The next night, my husband caught him in a humane trap, took him to the farthest corner of our back pasture and shook his seemingly dead body out of the trap. He was "playing possum." And he had already developed a taste for the cat food we keep on the back porch.

He was back the next day.

After his return from eviction, I looked up some fascinating facts about him.

In spite of their naked, ratlike tails, opossums are not rodents. They are the

only marsupial—pouched mammal—native to North America and have been around for 70 million years, once coexisting with dinosaurs. Their short life span, one to two years, is due to their many predators—dogs, coyotes and humans.

There are 65 species of opossums, and all are related to kangaroos and koalas. While the only species that populates the U.S. is the Virginia opossum, others reside in Central America, South America, Australia and New Guinea.

Opossums are not aggressive. Their open-mouthed hissing is a bluff—but with 50 teeth, more than any other North American land mammal, it worked on me. If hissing isn't successful, they feign death, falling on their sides with tongue extended in hopes that predators will lose interest and move on. If the predator decides to call this ultimate bluff, the opossum is a sitting duck.

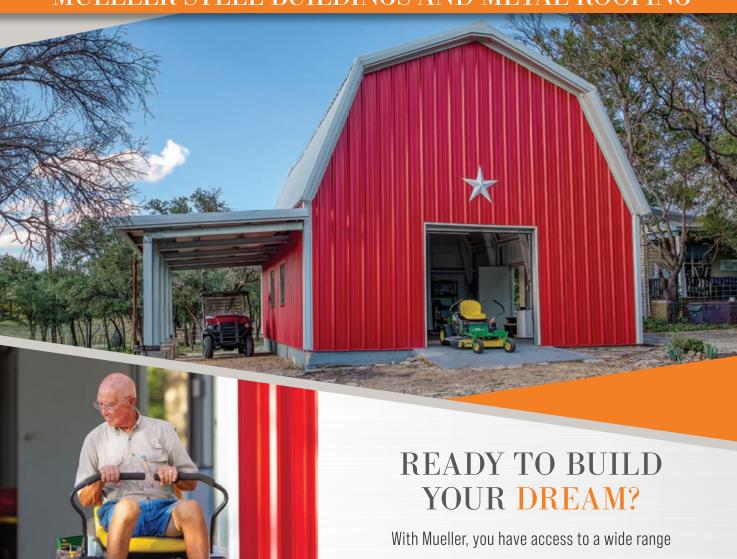
Opossums have a number of redeeming qualities. They eat cockroaches, ticks, crickets, spiders, beetles and June bugs and find snails and slugs a delightful delicacy. We once had an infestation of slugs, which left their slimy, silvery trails all over the sidewalks, storm doors, back porch and the bowl of cat food. Since our opossum began his nightly visits, the slugs have been vanquished. Eureka!

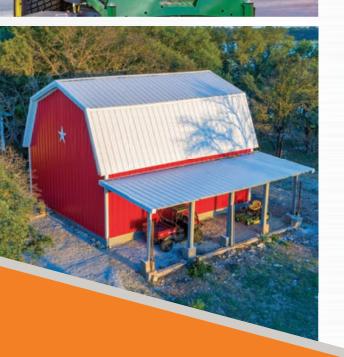
Opossums, which can hiss and foam at the mouth as defense mechanisms, get a bum rap. They almost never carry rabies because their body temperature is too low to sustain the virus. President Benjamin Harrison kept two pet opossums in the White House. President Herbert Hoover had one too.

Our little visitor doesn't kill chickens, nor does he tip over the garbage cans. He has learned to coexist with our cats, who are too fat and lazy to stay up for his late-night visits.

So I guess we won't be installing a new pet door any time soon. He's welcome to his cat food appetizer.

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