The Voice of New Mexico's Rural Electric Cooperatives



SPACE PARTY ADD

# Manzano

ench

An early fort on the New Mexico frontier Page 14

> Manzano—nowadays known for its fishing hole at Manzano Lake—started its history as a fort on the New Mexico frontier two centuries ago. PHOTO COURTESY OF DIXIE BOYLE



#### enchantment May 1, 2023 • Vol. 75, No. 5 USPS 175-880 • ISSN 0046-1946

enchantment (ISSN 0046-1946) is published monthly by the New Mexico Rural Electric Cooperative Association, 614 Don Gaspar Ave., Santa Fe, NM 87505. enchantment provides reliable, helpful information on rural living and energy use to electric cooperative members and customers.

More than 112,000 families and businesses receive enchantment magazine as electric cooperative members. Nonmember subscriptions are available at \$12 a year or \$18 for two years, payable to NMRECA. Allow four to eight weeks for first delivery.

**PERIODICAL POSTAGE** paid at Santa Fe, NM 87501-9998 and additional mailing offices.

CHANGE OF ADDRESS: Postmaster, please send address changes to 614 Don Gaspar Ave., Santa Fe, NM 87505-4428. Readers who receive the publication through their electric cooperative membership should report address changes to their local electric cooperative office.

#### THE NEW MEXICO RURAL ELECTRIC

COOPERATIVE ASSOCIATION provides legislative and educational services to the cooperatives that are members of the association and deliver electric power to New Mexico's rural areas and small communities. The mission of the New Mexico Rural Electric Cooperative Association is to strengthen, support, unify and represent cooperative member interests at the local, state and national levels. Each cooperative has a representative on the association's board of directors, which controls the editorial content and advertising policy of enchantment through its Publications Committee.

#### **OFFICERS OF THE BOARD OF DIRECTORS**

Charles Pinson, president, Central Valley Electric Co-op, Artesia; Tim Morrow, vice president, Springer Electric Coop, Springer; Duane Frost, secretary-treasurer, Central NM Electric Co-op, Mountainair.

#### **BOARD OF DIRECTORS**

Chris Martinez, Columbus Electric Co-op, Deming; Keith Gottlieb, Continental Divide Electric Co-op, Grants; Antonio Sanchez, Farmers' Electric Co-op, Clovis; Manny Bustos, Jemez Mountains Electric, Española; Robert Caudle, Lea County Electric Co-op, Lovington; James Ortiz, Mora-San Miguel Electric Cooperative, Mora; Thomas G. Rivas, Northern Río Arriba Electric Co-op, Chama; Preston Stone, Otero County Electric Co-op, Cloudcroft; Gene Creighton, Roosevelt County Electric Co-op, Portales; George Biel, Sierra Electric Co-op, Elephant Butte; Donald L. Wolberg, Socorro Electric Co-op, Socorro; Joe Reeser, Southwestern Electric Coop, Clayton; Wayne Connell, Tri-State G&T Association, Westminster, Colorado; Charles G. Wagner, Western Farmers Electric Co-op, Anadarko, Oklahoma.

#### NEW MEXICO RURAL ELECTRIC COOPERATIVE ASSOCIATION

| 614 Don Gaspar Ave. |  |
|---------------------|--|
| Santa Fe, NM 87505  |  |
| nmelectric.coop     |  |

Phone: 505-982-4671 Fax: 505-982-0153 enchantment.coop

Charise M. Swanson, CEO, cswanson@nmelectric.coop Tom Condit, director of communications, tcondit@nmelectric.coop

DISPLAY ADVERTISING: Rates available upon request. Co-op members and New Mexico display advertisers, email Shaylyn at enchantmentads@ nmelectric.coop or call 505-252-2540. National representative: American MainStreet Publications, 800-626-1181.

Advertisements in enchantment are paid solicitations and are not endorsed by the publisher or the electric cooperatives that are members of the New Mexico Rural Electric Cooperative Association. PRODUCT SATISFACTION AND DELIVERY RESPONSIBILITY LIE SOLELY WITH THE ADVERTISER.

© 2023 New Mexico Rural Electric Cooperative Association Inc., in partnership with Pioneer Utility Resources. Reproduction prohibited without written permission of the publisher.

# May 2023 CONTENTS



- 06 Hale to the Stars
- 10 Book Chat
- 12 NMRECA Safety Coloring Poster Contest Winners
- 14 Manzano: An Early Fort on the New Mexico Frontier
- 16 How Electricity Reaches You
- 20 On the Menu
- 22 The Market Place
- 30 Youth Art









#### **enchantment is now printing 10 times a year!** The next issue of enchantment will arrive in July.



#### Take a photo of you holding YOUR MAGAZINE AND WIN!

Congratulations to

monthly photo winner

Norma Garrett, an Otero

County Electric member,

magazine!

with her Great Dane, Opie,

Norma Garrett wins \$20!

and their April enchantment

Take a photo of yourself or someone else with the magazine and email it with a few words about the photo. Include your name, mailing address and co-op name.

One lucky member will win \$20. Submitting your photo(s) gives us permission to publish or post the photo(s) in enchantment, on Facebook and in other media outlets.

Email tcondit@nmelectric.coop



## **Farmers' Electric Cooperative**



**General Manager** Antonio Sanchez Jr.

**Clovis Office** 3701 Thornton St. Clovis, NM 88102 575-762-4466

#### **Ft. Sumner Office** 618 E. Sumner Ave. Fort Sumner, NM 88119 575-355-2291

Santa Rosa Office 1169 Historic Route 66 Santa Rosa, NM 88435 575-472-3971

Report an After-Hours Outage 800-445-8541

Website www.fecnm.org

Office Hours 8 a.m. to 5 p.m. (M-F)

"Owned By Those We Serve"

#### **Board of Trustees**

President

Michael B. West Fort Sumner, District 3

Vice President George Dodge Jr. Santa Rosa, District 4

Secretary-Treasurer Donnie Bidegain San Jon/Logan, District 7

**Judy Smith** Tucumcari-Ragland, District 5

Jubal Pierce Melrose, District 2

Justin Barnes Clovis, District 1

John Pat Woods Broadview/Grady, District 6

#### **Board Meeting**

4

The Board of Trustees meets at 9 a.m. the fourth Tuesday of the month in the Clovis cooperative boardroom.

This institution is an equal opportunity provider and employer.

# **D** Easy Energy Saving Ideas

• Air dry: Air dry dishes instead of using your dishwasher's drying cycle.

#### • Turn it off: Use timers and motion detectors to turn off lights. Be sure to unplug TV entertainment systems when traveling (use power surge protection strips for easy on/off switching) and don't leave your computer and monitor on needlessly.

• Don't get burned with hot water: Lower the thermostat on your



water heater to 120 degrees and add a water heater blanket. Water heaters are the second highest source of energy consumption in the home.

• Fill it up, please: Wash only full loads of dishes and clothes. Also, wash your clothes in cold water. Today's laundry detergent is formulated to be used with cold water.

• Keep 'em clean: Check furnace, heat pump and air conditioning filters once a month, and replace them regularly. A dirty air filter can increase your energy costs and over time cause problems with your equipment.

• Get a checkup: Have a licensed professional heating and air conditioning technician do a thorough checkup on your heating and air conditioning system at least once a year. These checkups can identify a problem early and save you a lot of heartache and discomfort.

• **Stop the breeze:** Caulk and weatherstrip around drafty doors and windows. Like we've always said: When in doubt, caulk. We suggest using clear silicone caulk.

• Take a walk: Circle your home with

an easy-to-use spray foam insulation and look for openings and gaps around pipes, chimneys, lights, windows, basement brick and cement work. Additionally, inside your home you will want to look under kitchen sinks and bathroom sinks to make sure those areas where the pipes enter from the floor or wall are sealed.

• Stay bright: As "old-school" incandescent and even newer CFL bulbs burn out, replace them with new, light emitting

diode—LED—bulbs and save about \$90 a year compared to incandescent bulbs. You pay more up front, but shop around. Prices are dropping. They use considerably less energy, last up to 20 years and are available in a variety of colors. Make sure and check the energy-use label (similar to a nutritional label) for expected length of life and color in degrees Kelvin.

• Be a star: Look for

products and appliances that have earned the Energy Star label. They meet strict new energy efficiency criteria



that will reduce your utility bills. Energy Star clothes washers, for example, use approximately 40% less water and 25% less electricity for washing than standard models.

# **Plan to Attend the Annual Meeting**

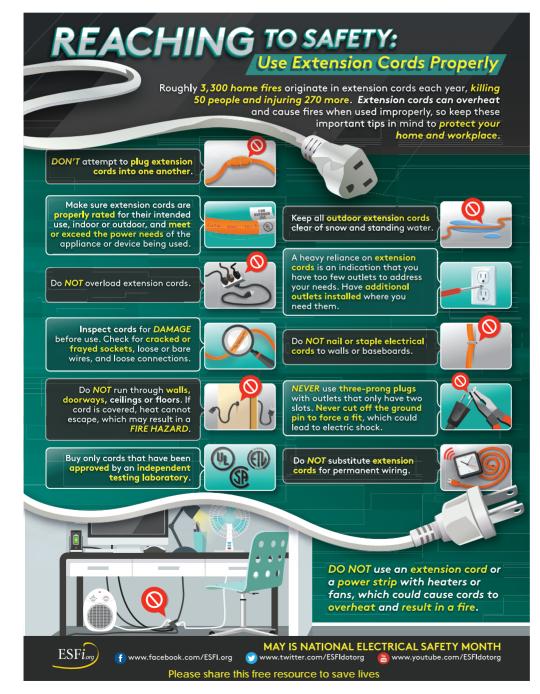
We look forward to seeing you Saturday, May 13, 2023, at Farmers' Electric Cooperative's 85th annual meeting of the members.

This meeting will be at the San Jon High School gym in San Jon, New Mexico. Prizes will be awarded and lunch will be served following the business meeting. Great music will also be performed by New Mexico's very own Chek Rippee and Allie Brooks.

Because Farmers' Electric is locally owned and operated, your involvement in meetings and elections is crucial.

Mark your calendars today and plan to attend the annual meeting on May 13.





#### Energy Efficiency Tip of the Month

The location of your thermostat can impact your HVAC system's ability to maintain an ideal indoor temperature. For maximum accuracy, thermostats should be placed in the center of the home, away from air vents, plumbing pipes and exterior doors. Avoid placing items like lamps and televisions near vour thermostat. which can cause the HVAC to run longer than necessary. Avoid installing thermostats in rooms that tend to feel warmer or colder than the rest of the home. Do not place furniture in front of the thermostat. which can block air flow and result in inaccurate readings.

{hale to the stars | By Alan Hale }

A 2001 aurora was visible from Cloudcroft, New Mexico. PHOTO BY ALAN HALE

# A Burst of Solar Energy

Il five of our solar system's bright planets are visible in our nighttime skies during May, although not all at the same time, and not all of them for the entire month.

The main attraction is Venus, which has been dominating the evening sky for the past couple of months and will continue to do so for another couple of months. Throughout May it shines brilliantly in the west and sets up to two hours after the end of dusk.

The red planet, Mars, is also visible throughout the evening hours, although it continues to fade as it falls farther and farther behind Earth in their respective orbits around the sun. Saturn, meanwhile, rises during the mid-morning hours and is up in our southeastern sky by the beginning of dawn.

Jupiter, after passing on the far side of the sun from Earth last month, begins emerging into the dawn sky during May. On the morning of Wednesday, May 17, the thin crescent moon is very close to Jupiter, and occults—or passes directly over—the giant planet shortly before sunrise. During the latter days of May, Mercury also makes an appearance in our morning sky, although it remains low in twilight. The number of sunspots—relatively cool regions of the sun's surface (although still very hot by our standards)—waxes and wanes over an approximate 11-year cycle. We are now approaching another sunspot maximum, which should take place within the next one to two years. During such times, active events such as solar flares and coronal mass ejections—eruptions of electrically charged particles off the sun's surface—are more frequent and stronger than at other times along the cycle.

When these charged particles interact with Earth's atmosphere, they excite the various gases and cause them to shine, in much the same manner as the gases in a neon sign. We call this an aurora. This is what causes the northern lights in the northern hemisphere, with a similar phenomenon occurring in the southern hemisphere.

As the number of sunspots increase the number and strength of aurora displays increase. These generally occur at higher latitudes—like a very strong display that many parts of the northern U.S. and northern Europe witnessed back in mid-March. However, on rare occasions they can be seen from closer to the equator, including from New Mexico.

# **Protection and Style all with One Roof.**

## **MUELLER METAL ROOFING**



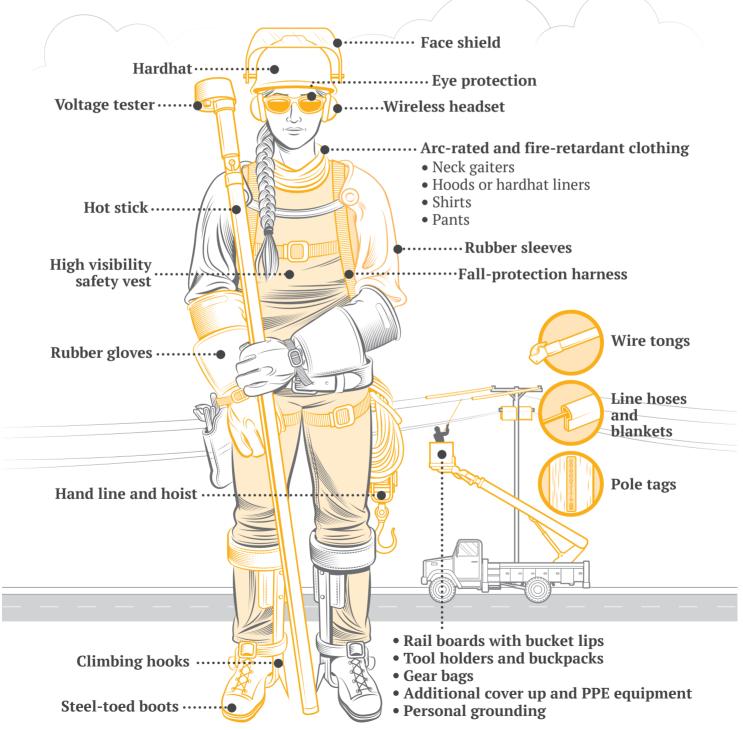
Beauty, strength, and durability are what you get with a Mueller metal roof. Select from over 30 designer colors and various panel styles to complement your home. Protection and curb appeal from a company you can trust.



Learn more at: Muellerinc.com 877-2-MUELLER (877-268-3553)

# Staying Safe

Lineworkers have a dizzying array of gear they carry and wear to safely do their jobs. Some items, like climbing hooks and hot sticks, have been around since the early days of electricity, though they've been updated and improved over the years. Others, like wireless headsets and arc-rated clothing, are more modern innovations. Here's a comprehensive (though not exhaustive) look at the tools line crews use to stay safe.



#### Join millions of older Americans who are rediscovering the joy of walking

# "I'm on the move again with my UPWalker"!"



For years, I found myself walking less and less. As I got older, aches and pains in my back and legs caused me to stay in my chair, watching TV ... and watching life go by. My doctor told me to be more active, and I tried. I tried canes, walkers and rollators ... and I hated them. Shuffling along, hunched over, looking at the ground two feet in front of me—that didn't seem like a fun way to get around. Then, one day, a friend introduced me to the **UPWalker**. Nothing's going to stop me now!

The **UPWalker** is a revolutionary new mobility device that can change your life by changing the way you walk. It enables you to stand upright when you walk-with your spine straight and your eyes looking straight ahead. Your weight is supported by your upper arms and shoulders, some of the strongest parts of your body. Traditional walkers and rollators force you to put the pressure of your body weight on your hands and wrists. You push them in front of you, looking at the ground instead of where you are going. The **UPWalker** moves with you, with your body perfectly aligned and your feet free to walk in a normal fashion. Its easy-adjust height system allows it to be the perfect fit/height for anyone from 4'10" to 6'1" and supports up to 300 pounds. The new stand-assist handles enable you to distribute your weight across your arms and shoulders, not your hands and wrists to help



Includes 6 FREE Accessories!



From the makers of the original UPWalker®

- Stand-Assist Handles
- Folds Easily
- Adjustable Backrest

Comfortable Seat

Optimized Center of Gravity
 Easy-Brake Wheels

*Plus,* now you can choose between dark luster silver or champagne

reduce back, neck, wrist pain and discomfort. It features comfortable arm pads, hand brakes, a folddown seat, a backrest and two storage bags. It's built with aircraft-grade aluminum to be sturdy yet lightweight, and its sleek design and oversized wheels make it perfect for tight spots in the house or walking in the yard.

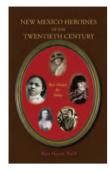
Why spend another day bent over and shuffling around—or worse yet, plopped in front of the TV all day. Pick up the phone and take back your life. **Call now.** 



Call now Toll-Free **1-888-611-1493** Please mention promotion code 117993. © 2023 Journey Health and Lifestyle



84531



New Mexico Heroines of the Twentieth Century: Role Models for Today

This book is an impressive compendium of some of New Mexico's most

extraordinary pathbreakers. From the most famous of artists to the lowkey and unsung heroes, due is paid to those who forged wild lives as artists, healers, academics, scientists and as exceptional humans throughout a formative century of economic, scientific, demographic and cultural revival.

By Ron Hamm, PhD Sunstone Press Available at Amazon.com



altogether unique.

By C.W. Smith University of New Mexico Press Available at Amazon.com

#### **Girl Flees Circus**

Inspired by Amelia Earhart's crash landing in Hobbs, C.W. Smith weaves a heartwarming waylaid adventure in post-WWI New Mexico. The story is witty, epic, mysterious and

HOUSE GODS DISTANCE BUILDING AND RENEGADE BUILDING DISTANCE BUILDING AND RENEGADE BUILDING DISTANCE BUILDING WEAR WING

House Gods, Sustainable Buildings and Renegade Builders This is not a book about how to build sustainably, but rather an exploration of why.

From the author of "Navajos Wear

Nikes," this is a hardy exploration to map the philosophies that guide those who break paradigms to build not only shelter, but a transcendent relationship with the space and time they occupy.

Jim Kristofic Sunstone Press University of New Mexico Press Available at Amazon.com

#### **Book Review Requests**

All book reviews are at the sole discretion of the book reviewer.

Submitting a book is not a guarantee it will be reviewed.

Send your book to:

ATTN: Book Chat 614 Don Gaspar Ave. Santa Fe, NM 87505

ADOBE STOCK PHOTO BY MOTIZOVA

# The Invention of the Year

### The world's most fun-to-drive and portable mobility device

Once in a lifetime, a product comes along that truly moves people. Introducing the future of batterypowered personal transportation... The Zinger.

Throughout the ages, there have been many important advances in mobility. Canes, walkers, rollators, and scooters were created to help people with mobility issues get around and retain their independence. Lately, however, there haven't been any new improvements to these existing products or developments in this field. Until now. Recently. an innovative design engineer who's developed one of the world's most popular products created a completely new breakthrough... a personal electric vehicle. It's called the *Zinger*, and there is nothing out there auite like it.

"What my wife especially loves is it gives her back feelings of safety and independence which has given a real boost to her confidence and happiness! Thank You!"

-Kent C., California

The first thing you'll notice about the *Zinger* is its unique look. It doesn't look like a scooter. Its sleek, lightweight yet durable frame is made with aircraft grade aluminum so it weighs only 47.2 lbs. It features one-touch folding and unfolding—when folded it can be wheeled around like a suitcase and fits easily into a backseat or trunk. Then, there are the steering levers. They enable the *Zinger* to move forward, backward, turn on a dime and even pull right up to a table or desk. With its compact vet powerful motor





The Zinger folds to a mere 10 inches.

it can go up to 6 miles an hour and its rechargeable battery can go up to 8 miles on a single charge. With its low center of gravity and inflatable tires it can handle rugged terrain and is virtually tip-proof. Think about it, you can take your **Zinger** almost anywhere, so you don't have to let mobility issues rule vour life.



Please mention code 117992 when ordering.

mobility | sleep | comfort | safety

enjoying life never gets old<sup>™</sup>



The Zinger and Zoomer Chairs are personal electric vehicles and are not medical devices nor wheelchairs. They are not intended for medical purposes to provide mobility to persons restricted to a sitting position. They are not covered by Medicare nor Medicaid. © 2023 Journey Health and Lifestyle



## NMRECA Safety Poster Coloring Contest Winners

To recognize Electrical Safety Month, NMRECA invited youth to color this important safety message. The winners' artwork is shown at right.

The first place winner is 9-year-old Angel Rico, of Columbus Elementary and Columbus Electric Cooperative. Angel won \$250.

"They took advantage of the space given and made it original," said the contest judge.

Second place was awarded to 9-year-old Aubrianna Barnes, Cloudcroft Elementary and Otero County Electric. Aubrianna won \$200.

"The shading is very well done and the falling picture frame is a nice touch," the judge said.

Eight-year-old Emry Montoya, from Cottonwood Valley Charter and Socoro Electric, won third place. Emry won \$150.

"Nice attention to detail around the TV," the judge said. "Also, really like the color and pattern on the floor."

Thanks to all young artists for sharing!

## Enchanted Journeys

August 12 and 13

#### **Questa Art Tour**

The Questa Art Tour is now in its 8th year, with over 50 artists in their studios in the wild beautiful landscape of northern Taos County.

The event is the weekend of August 12 and 13, from 10 a.m. to 5 p.m. daily.

Maps and brochures available at QuestaCreative.org. Free and open to all.

More info at QuestaCreativeCouncil@gmail.com



# **Knife Versus Snake**

#### Next time something slithers too close, be prepared!

Some years ago, my girlfriend and I visited the Southwest town of Sedona. It's a wonderful place. While jewelry stores, art galleries and upscale boutiques have crept into Sedona's downtown, the air still maintains an electric charge. In one of these Sedona stores I acquired a Bowie knife that soon proved well worth the sticker price.

Disappearing into the stunning red rock formations that Sedona is known for, my girlfriend and I set out to hike Bell Rock, a butte just south of that famous desert town. We couldn't have been happier.

Our happiness didn't last long. Before we knew it, we stumbled upon a rather nasty diamondback rattlesnake. Acting quickly, I pulled my Bowie knife out of its holster and gave Mr. Snake a quick shave. We were lucky. Not only did my skill with a knife ensure our safety, but I had the makings for a new rattlesnake belt.

## Join more than 322,000 sharp people who collect stauer knives

The next time something slithers too close, make sure you're prepared with the Diamondback Bowie Knife. This 12" knife comes with a high quality 420 surgical grade stainless steel blade. The handle is made of genuine natural bone that's been hand carved in the pattern of a diamondback. Completed with brass handguards, spacers and end cap and accessorized with a genuine leather tooled sheath, this is one blade a mamba won't want to mambo with.

What's more, while supplies last, we'll include a pair of \$99 8x21 power compact binoculars **FREE** when you purchase the Diamondback Bowie Knife. Simply put, this offer is an incredible bang for your buck. Act now: We only have 271 knives left for this ad!

For your next adventure, don't rely on some wimpy pocketknife to protect you from danger. Get the Diamondback Bowie Knife and come away with a story instead of becoming a snack.

#### **Knife Specifications:**

- 12" overall length
- High quality 420 surgical grade stainless steel blade
- Hand carved genuine natural white and brown bone
- Brass handguards, spacers and end cap
- Genuine leather tooled sheath included

#### Diamondback Bowie Knife <del>\$249-</del> \$79\* + S&P *Save \$170*

#### California residents please call 1-800-333-2045 regarding Proposition 65 regulations before purchasing this product.

\*Special price only for customers using the offer code.

#### **1-800-333-2045** Your Insider Offer Code: DBK133-01



# EXCLUSIVE FREE

Stauer 8x21 Compact Binoculars a \$99 value with your purchase of the Diamondback Bowie Knife

What Stauer Clients Are Saying About Our Knives

"The feel of this knife is unbelievable ... this is an incredibly fine instrument." — H., Arvada, CO ★★★★ "This knife is beautiful!" — J., La Crescent, MN

Stauer, 14101 Southcross Drive W., Ste 155, Dept. DBK133-01, Burnsville, MN 55337 www.stauer.com

Stauer<sup>®</sup> AFFORD THE EXTRAORDINARY<sup>®</sup>

# An early fort on the New Mexico frontier

#### By Dixie Boyle

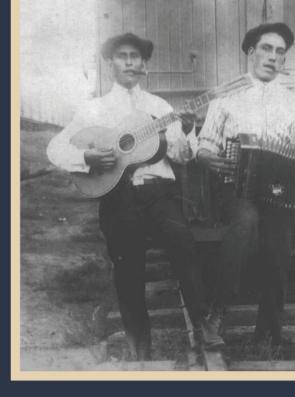
The village of Manzano was one of the first permanent settlements on the east side of the Manzano Mountains and a headquarters for Spanish colonization in the early 1800s. The town—nowadays known for its fishing hole at Manzano Lake—started its history as a fort on the New Mexico frontier and has survived for two centuries.

In the mid-1700s, Spanish colonists

from Tome, Valencia, Casa Colorado and La Joya lived along the Rio Grande River and used the plains east of the Manzano Mountains for grazing their large sheep herds. Sheep ranchers sent herders with their flocks but did not attempt settlement until the 1820s. Permanent settlement did not happen for another 40 years.

Raids by the Apache, Navajo and Comanche tribes made it too dangerous to live on the east side of the Manzanos





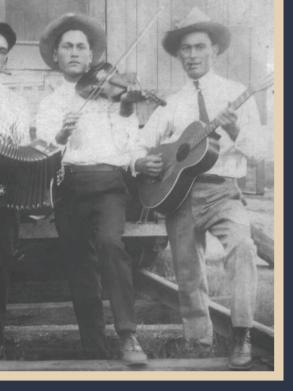
unless several families lived together and built a fortified settlement. At the time, it was common for these towns to be surrounded by a rock wall with a torreon—or watch tower—where the settlers could get inside and wait out a siege. The Spanish settlers referred to these walled towns as plazuelas, and stored water, food and ammunition inside the torreon. Livestock could be protected inside the enclosure when an attack was imminent.

Upon their arrival in Manzano, the first settlers built a torreon and grouped their houses close together with portholes for shooting. While additional settlers built homes and planted crops, several lookouts were posted to constantly scan the landscape for any raiders heading their way.

When a raiding party was spotted, the lookout immediately began beating a drum as hard as possible, alerting the entire village to an incoming attack. Another lookout rushed to the church and rang the church bells until everyone was safe inside the torreon.

Other settlements soon began to spread across the isolated landscape: El Chato, Punta de Agua, Gato, La Cienega, Casa Arroyo, Abo and La Salados. These communities also posted lookouts. When the beat of the drum in Manzano was heard, they too rushed to the Manzano

The Catholic church in Manzano was built in 1829. PHOTOS COURTESY OF DIXIE BOYLE



CLOCKWISE FROM ABOVE: Manzano was known for its dances and music. Fort Manzano in 1909. The Candaleria Store was one of the Manzano businesses that lasted into the 1940s.

fort. If they could not make it to Manzano, families joined together and prepared for an attack.

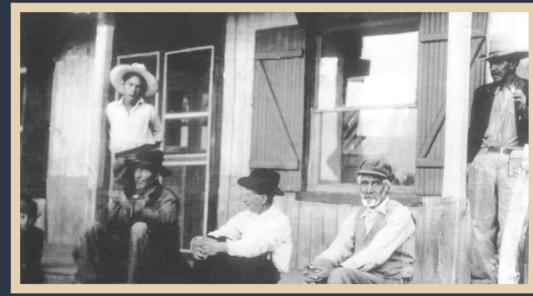
A group of settlers built a church and torreon in the ruins at Quarai but were unable to remain there due to the persistent raids. After several attempts, the Sisneros family built a permanent settlement at Abo, but it was not easy to live on New Mexico's frontier during this era.

Throughout the years, the people of Manzano developed a friendship with the Apache. They traveled to the state's eastern plains, where they hunted buffalo together. They accepted many of the customs of the Apache, and because of this association they were able to survive in the unruly country.

Manzano became known throughout the area for its dances. Members of the community built a special platform where musicians could perform. Bands played all kinds of instruments. The most common were the guitar, accordion, drum, saxophone and cornet. Everyone attended the dances, and many brought food or cakes to eat before everyone headed home at sunup.

To publicize an upcoming dance, musicians traveled around the county in the back of a wagon while playing their instruments and singing. Those hearing





the music knew there would be a dance in Manzano that night, and word of mouth took care of the rest. People arrived from all sections of the county and danced all night.

One of the first schools in the state was established in Manzano in 1890. The town boasted one of the state's first newspapers.

By the 1940s, the town's population began to dwindle and only a few businesses survived: the Candaleria General Store, Tabet's Store, a cantina, a small grocery store and the town's old dance hall. The diminishing community continued to sponsor popular dances on Saturday nights for another 30 years.

Manzano has survived into the 21st century as a village of 26 residents. Most

people living in Manzano are descendants of the town's first settlers. The town's location makes it a gateway for those looking for recreational opportunities in the nearby Cibola National Forest.

Manzano Lake is a popular location for those wanting to enjoy a picnic, fishing or both.

The Catholic church, built in 1829, is a vital part of the community. The old cemetery on the edge of town provides an interesting stroll through Manzano's past.

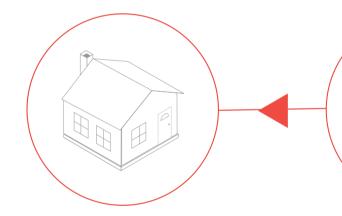
# How Electricity

# Generation

Electricity is produced at a generation facility either by renewable or non-renewable energy sources.



wfec western farmers electric cooperative



# **Distributed Generation**

Distributed generation systems like rooftop solar panels produce electricity when their energy source is available, such as when the sun shines. When the energy source is unavailable, the home or business receives electricity from the grid. If the system produces more electricity than needed, the excess power is sent back to the grid.

# Reaches You

# Transmission Lines and Substations

After the electricity is generated, it travels through high-voltage transmission power lines to electric substations, where the voltage is lowered.

# **Distribution Lines**

Once the voltage is lowered, the electricity travels over distribution power lines, which ultimately deliver the electricity to our homes and businesses.

### Powered by Tri-State G&T:





# Creativity.

Our community is teeming with energy and ideas. We're proud to power yours.

## **ATTENTION:**

#### **New to Medicare?** *Get A Medicare Advantage Plan With The Benefits You Deserve!*

Call the Medicare Coverage Helpline to see if you qualify for a Medicare Advantage plan that may include:

Dental & Prescription Drug Coverage
Vision & Hearing Coverage

If you want to find out what you deserve, call today... It's FREE and there is no obligation to enroll.

Call to speak to a licensed insurance agent Calls Answered Monday – Friday: 9am - 5:30pm EST

## 1-800-721-8673 TTY: 711

MEDICARE COVERAGE HELPLINE Powered By TogetherHealth Insurance Agency A Non-Government Entity

> Joe Namath Hall of Fame Quarterback SuperBowl III MVP

Paid Endorsement

This is an advertisement for Medicare Advantage and Prescription Drug plans. Outside of the Medicare Annual Enrollment Period, members can enroll in a plan only if they meet eligibility requirements. The Medicare Coverage Helpline is owned and operated by TogetherHealth, LLC, a licensed agency. Health insurance agency services are provided by TogetherHealth or one of our sister companies, Total Insurance Brokers, LLC, or HealthPlan Intermediaries Holdings, LLC, which are all part of the Benefytt Technologies, Inc. family of companies. TogetherHealth is a licensed and certified representative of Medicare Advantage organizations and Part D plans that have a Medicare contract. Enrollment in any plan depends on contract renewal. Your call will be directed to one of our licensed insurance agents or another third party sales organization we may work with, who can help you determine your eligibility, as well as offer information to help you enroll in a Medicare Advantage and/or Prescription Drug plans available from one of the Medicare-contracted carrier(s) we represent. There is no obligation to enroll.

Urgent: Special Summer Driving Notice

#### To some, sunglasses are a fashion accessory...

# But When Driving, These Sunglasses May Save Your Life!

**Drivers' Alert:** Driving can expose you to more dangerous glare than any sunny day at the beach can... do you know how to protect yourself?

The sun rises and sets at peak travel periods, during the early morning and afternoon rush hours and many drivers find themselves temporarily blinded while driving directly into the glare of the sun. Deadly accidents are regularly caused by such blinding glare with danger arising from reflected light off another vehicle, the pavement, or even from waxed and oily windshields that can make matters worse. Early morning dew can exacerbate this situation. Yet, motorists struggle on despite being blinded by the sun's glare that can cause countless accidents every year.

**Not all sunglasses are created equal.** Protecting your eyes is serious business. With all the fancy fashion frames out there it can be easy to overlook what really matters—the lenses. So we did our research and looked to the very best in optic innovation and technology.

Sometimes it does take a rocket scientist. A NASA rocket scientist. Some ordinary sunglasses can obscure your vision by exposing your eyes to harmful UV rays, blue light, and reflective glare. They can also darken useful vision-enhancing light. But now, independent research conducted by scientists from NASA's Jet Propulsion Laboratory has brought forth ground-breaking technology to help protect human eyesight from the



Slip on a pair of Eagle Eyes® and everything instantly appears more vivid and sharp. You'll immediately notice that your eyes are more comfortable and relaxed and you'll feel no need to squint. The scientifically designed sunglasses are not just fashion accessories—they are necessary to protect your eyes from those harmful rays produced by the sun during peak driving times.

harmful effects of solar radiation light. This superior lens technology was first discovered when NASA scientists looked to nature for a means to superior eye protection specifically, by studying the eyes of eagles, known for their extreme visual acuity. This discovery resulted in what is now known as

Eagle Eyes<sup>®</sup>. **The Only Sunglass Technology Certified by the Space Foundation for UV and Blue- Light Eye Protection.** Eagle Eyes<sup>®</sup> features the most advanced eye protection technology ever created. The TriLenium<sup>®</sup> Lens Technology offers triple-filter polarization to block 99.9% UVA and UVB—plus the

added benefit of blue-light eye protection. Eagle Eyes<sup>®</sup> is the only optic technology that has earned official recognition from the Space Certification Program for this remarkable technology.

Now, that's proven science-based protection.

The finest optics: And buy one, get one FREE! Eagle Eyes<sup>®</sup> has the highest customer satisfaction of any item in our 20 year history. We are so excited for you to try the Eagle Eyes<sup>®</sup> breakthrough technology that we will give you a second pair of Eagle Eyes<sup>®</sup> Navigator<sup>™</sup> Sunglasses FREE--a \$59.95 value!

That's two pairs to protect your eyes with the best technology available for less than the price of one pair of traditional sunglasses. You get a pair of Navigators with stainless steel black frames and the other with stainless steel gold, plus one hard zipper case and one micro-fiber drawstring cleaning pouch are included. Keep one pair in your pocket and one in your car.

Your satisfaction is 100% guaranteed. If you are not astounded with the Eagle Eyes<sup>®</sup> technology, enjoying clearer, sharper and more glare-free vision, simply return one pair within 30 days for a full refund of the purchase price. The other pair is yours to keep. No one else has such confidence in their optic technology. Don't leave your eyes in the hands of fashion designers, entrust them to the best scientific minds on earth. Wear your Eagle Eyes<sup>®</sup> Navigators with absolute

Studies by the National Highway Traffic Safety Administration (NHTSA) show that most (74%) of the crashes occurred on clear, sunny days

> Navigator™ Black Stainless Steel Sunglasses

Receive the Navigator<sup>™</sup> Gold Sunglasses (a \$59.95 value) FREE! just for trying the Navigator<sup>™</sup> Black



Navigator<sup>™</sup> Gold Stainless Steel Sunglasses

Certified EAGLE EYES® was developed from original NASA Optic technology and was recently inducted into the Space Foundation Technology Hall of Fame.



confidence, knowing your eyes are protected with technology that was born in space for the human race.

Two Pairs of Eagle Eyes® Navigator™ Sunglasses <del>\$119.90</del>†

<u>Offer Code Price</u> **\$49** + S&P Save \$70.90 Offer includes one pair each Navigator™ Black and Navigator™ Gold Sunglasses

### 1-800-333-2045

**Your Insider Offer Code: EEN944-06** You must use this insider offer code to get our special price.



14101 Southcross Drive W., Ste 155, Dept. EEN944-06 Burnsville, Minnesota 55337 www.stauer.com

† Special price only for customers using the offer code versus the price on Stauer.com without your offer code. Smart Luxuries—Surprising Prices™



# **Easy But Delicious Cooking**

Many people have approached me to say they simply cannot make recipes that appear to be difficult. Fear not, because enchantment's May recipes are some of the easiest recipes to prepare.

Each recipe is not only simple but delicious. Family members or guests will enjoy the fare while admiring the cook's kitchen prowess. Each recipe, as always, has been prepared and tastetested with over-the-top favorable responses.

Easiest lasagna ever is just that. Using just one skillet, one bowl and one baking pan, novice cooks can produce a satisfying

#### dish with minimum prep time.

As for the cucumber white wine vinaigrette salad, the only time spent is slicing the vegetables. A few shakes and stirs later, a delicious salad is produced.

Finally, peaches star in spiced peach turnovers with peach glaze. Once again, the preparation of the dish is simple with luscious results.

No fear here! Just one fantastic meal, from start to finish. Easy does it.



Sue Hutchison was born and raised a block from the freeway in Southern California. She had an early start with industrial, largescale cooking before age 20. She's always been both a beach bum and at home in the kitchen, where she enjoys making new creations.

#### Cucumber White Wine Vinaigrette Salad

2 large English cucumbers, washed and sliced

2 teaspoons dried basil 1 cup grape tomatoes,

halved

#### <sup>1</sup>/<sub>2</sub> cup olive oil

Dressing

1/2 cup white wine vinegar 1 teaspoon garlic, finely minced

4 teaspoons sugar

<sup>1</sup>/<sub>2</sub> teaspoon ground ginger

1/2 teaspoon salt

Pinch of pepper to garnish

chantment.coop

In a mixing bowl, stir together cucumber slices, tomatoes and basil.

In a glass jar with a tightly fitting lid, add all dressing ingredients. Shake until ingredients are well incorporated.

Refrigerate the cucumber salad and dressing until a few minutes prior to serving.

Dress salad, and spoon into a serving dish. Sprinkle with pepper. Serve immediately.



#### **Easiest Lasagna Ever**

- 1 9-to 12-ounce box ovenready lasagna noodles
- 1 pound sausage
- 1 pound ground beef
- 1 onion, diced

nchantment.coop

- 1 cup Parmesan cheese 1 egg
- 2 24-ounce cans pasta sauce
  - 2 tablespoons dried oregano
    - <sup>1</sup>/<sub>2</sub> cup grated mozzarella

24 ounces cottage cheese

1 cup finely grated cheddar

- 1 tablespoon Italian seasoning mix

cheese

cheese

#### Preheat the oven to 350 E

In a large skillet, combine sausage and ground beef. Add onion. Cook until meat is browned and onion is soft.

Add pasta sauce and Italian seasoning. Warm until sauce is bubbling.

In a large bowl, combine cottage, cheddar and Parmesan cheeses. Add egg and dried oregano, and stir to incorporate.

Spray a 9-by-13-inch pan with cooking spray. Make one layer of noodles, spread a third of the cheese mixture and a third of the meat sauce. Repeat this process to create three lavers.

Sprinkle mozzarella cheese on top. Cover the pan with aluminum foil, and bake for one hour.

Remove from oven, and allow lasagna to sit 10 minutes. Slice and serve warm.



#### **Spiced Peach Turnovers** With Peach Glaze

| 1 can cresce  | nt rolls      |
|---------------|---------------|
| 1 16-ounce    | package froze |
| peaches       |               |
| 1⁄2 cup sugar |               |

1/2 teaspoon nutmeg n <sup>1</sup>/<sub>2</sub> teaspoon cinnamon 1/4 teaspoon ground ginger 1 cup powdered sugar

In a saucepan, combine peaches, sugar, nutmeg, cinnamon and ginger. Add 1 to 2 tablespoons water. Bring to a low boil. Turn down the heat, and simmer until sauce is thickened and peaches are warmed, approximately 20 minutes. Set aside 1/4 cup of the sauce.

While peaches simmer, preheat the oven to 375 F.

Unroll crescent rolls on a lightly floured surface. Separate into eight triangles. Roll each triangle to enlarge, being careful to maintain its triangular shape.

Add two or three cooled peaches in the center of one triangle. Cover with another triangle, and seal edges with fork. Repeat to make four turnovers.

Place turnovers on a baking sheet covered with parchment paper.

Bake for 13 to 15 minutes or until turnovers are lightly golden. Remove from oven to cool.

To make the peach glaze, add the ¼ cup of your remaining spiced peach sauce to a small mixing bowl. Whisk in the powdered sugar until the sugar is absorbed and no lumps appear.

Drizzle glaze over each turnover, and garnish with remaining peach slices. Serves 4.





#### Animals

#### NOT ALL WATER TANKS ARE CREATED

**EQUAL!** Are quality, value and longevity important to you? Buy high specific gravity, heavyweight, long warranty, superior black NRCS tanks. Lowest prices only provide minimum standards, lower weights and shorter warranties. Find out more! 575-430-1010.

#### NEW MEXICO DRINKING WATER

**STORAGE TANKS,** heavy-duty black poly. Fittings customized to your needs. NRCS and EQUIP approved. High specific gravity, heavyweight, long warranty, algae resistant, black NRCS water tanks. Call 800-603-8272 or 575-682-2308.

**RABBITS, ALL AGES AND SIZES.** For pets, show, meat, fur. Polish, New Zealand, Californians. Cages, feeders, door latches, urine and wire guards. Call Gene at 505-906-1291 in Jamestown, New Mexico, at The Bunny Farm. All calls will be answered.

**SADDLES AND TACK.** Everything for the horse. Western & English tack bought and sold. Rancho Elisa Stables LLC, 500 Route 66 East, Moriarty, NM 87035. Call 505-832-5113 or email ranchoelisastablesfr@ swcp.com

**LET US MARKET YOUR LIVESTOCK.** Live auction every Wednesday at 11 am. View online at dvauction.com, country bid or live auction. If you've got'em, we'll sell'em. Call 575-374-2505. fivestateslivestockauction@ gmail.com

**CHICKENS FOR SALE** in Portales, NM, three to four month old red pullets, \$8. to \$10. each. Call Smokey Ball at 575-749-3471.

**BLACK ANGUS BULLS,** thick easy fleshing, low maintenance bulls for sale. Range raised at high elevation. Trich and fertility tested. Low birth weight and Herd bulls available. Two year old bulls \$2,600. and yearlings \$2,100. Good Bulls. For more information call Bobby Salvo at 575-642-0962.

#### **ORGANIC PLANT FOOD, WORM**

**CASTING,** 40 pounds per five gallon bucket, \$20. with your bucket or \$25. with my bucket. In Deming and Silver City area. Call 575-545-3704 for more information.

## THE MARKET PLACE

#### **GOLDEN MOUNTAIN DOG PUPPIES**

**FOR SALE,** 6 month old and 5 week old males and females available. Photos available on request. First four vaccines and dewormed. \$750. to \$1,200. Please text 360-440-4999 for more information.

#### **Business**

**SUNSET SADDLES OFFERS CUSTOM LEATHERWORK**; ie: saddles, chaps, chinks, holsters, belts, etc. Also saddle and tack repair. Located in La Luz, NM. Call 575-257-8874 or email: sunsetsaddles@yahoo. com

#### Equipment

GREAT OFFER ON SOLAR SUBMERSIBLE SHALLOW/DEEP WELL PUMPS! NRCS approved with two-year warranty on selected pumps with affordable, easy installation! For a custom quote, call 505-429-3093 or email us at solarwellpumpsonline@gmail.com, 24/7 service. Order online at our website: www. solarwellpumpsonline.com

#### **DRINKING WATER STORAGE TANKS,**

heavy-duty black poly, proven algae resistant. 125 to 11,000 gallons, NRCS and EQUIP approved. Please give us a chance to serve you! MasterCard or Visa accepted. Call 575-682-2308 or 1-800-603-8272.

**FISHING TACKLE WANTED:** "Antique" lures, reels, rods, tackle boxes. Pre-1950, please. Collector paying highest prices for "Grandpaw's" tackle box. Lures \$50 to \$5,000 each. Reels \$100 to \$7,500 each. Send photos to: tacklechaser@aol.com or call Rick at 575-354-0365.

**OVERHEAD FEED BINS.** 1 to 4 compartment, 12 to 48 tons. Any size free standing cattle guards, no footing needed. Dealer for T & S Feeders. Emery Welding, Clayton, New Mexico. Call 575-374-2320 or 575-207-7402. Email: eweld98@yahoo.com

**IRRIGATION PIPE!** 6", 8" and 10" PVC and aluminum pipe. Hydrants, valves, T's, elbows and plugs available. Used, good condition and half the price of new. Delivery available. Call Sierra at 575-770-8441 for more information.

**JOHN DEERE, MODEL 780 SWATHER,** cuts 11 ft. swath. Old, but runs good and works. \$2,000. Call Mike at 575-743-2026 for more information.

**EQUIPMENT FOR SALE** - Heavy duty box blade and heavy duty John Deere disc. Cal 505-681-8545 for more information.

#### **Great Finds**

**BUYING OLD STUFF:** Gas pumps and parts 1960's or earlier, advertising signs, neon clocks, old car parts in original boxes, motor oil cans, license plate collections, Route 66 items, old metal road signs, odd and weird stuff. Fair prices paid. Have pickup, will travel. Gas Guy in Embudo, 505-852-2995.

**RAILROAD ITEMS WANTED:** Kerosene lanterns, brass locks, keys, badges, uniforms, bells, whistles, and pre-1950 employee timetables. Always seeking items from any early New Mexico railroad, especially D&RG, C&S, EP&NE, EP&SW, AT&SF, SP or Rock Island. Call Randy Dunson at 575-760-3341 or 575-356-6919.

WANTED: NEW MEXICO MOTORCYCLE LICENSE PLATES 1912-1970. Paying \$100-\$500 each. Also buying some NM car plates 1900-1923. Visit NMplates.com for history and 5,000 photographs of NM plates. Bill Johnston, Box 1, Organ, NM 88052-0001. Email: Bill@NMplates.com or telephone 575-382-7804.

HEADSTONES (I.E. CEMETERY MONUMENTS) is our business. Over 1,000 designs. An eternal memory of a loved one. TAOS MOUNTAIN HERITAGE. Call 575-770-2507 or Email: taos\_mt\_heritage@msn. com Website: www.taosmountainheritage. com

**OLD SCHOOL SIGN PAINTER,** hand lettered signage, windows, walls, vehicles, wood, metal or plastic. For more information, call A. Sanchez at 505-498-7743.

BOOKS, BOOKS, BOOKS - A COLLECTORS DREAM! Biographies, WWI, WWII, Civil War, American Revolutionary War, Religion, Science, Math, British and Irish History. Also, Art, Music - CD's, Celtic Harp and Bagpipe music. Interested? Call 650-793-1843 for more information.

**FREE COMPOSTED HORSE MANURE!** I can load it in open pickups and trailers, also FREE. Ten miles north of Las Vegas, NM off Highway 518. Call Leslie at 505-690-8987 for more information.

**FOR SALE -** 17 Antique Chicken Crates, 23" x 35", \$70. each; nine Small Bird Crates, 24" x 24", \$20. each; one Employee Time Clock (Lathem 1500E) \$75.; one Stenner Injector Pump with 15 gallon tank, \$100.; one Campshell fits Ford Ranger, \$40. and one Air Conditioner unit (window mount), 110 volt, \$100. Call 505-384-5163 for more information.

#### FREE ZUMBA GOLD CLASSES ON

**ZOOM** - just e-mail "Free Zumba at Home" to emoakler@carolina.rr.com. Four LIVE classes per week at 11:00 am. AARP endorsed. Sample: bit.ly/ElizgoldZumba

**FOR SALE** - one set of French Doors, 70" x 72", \$200; one Oak Table, 44" x 44" with six oak chairs, \$600. Call 505-384-5162 for more information.

**FISHING TACKLE WANTED:** "Antique" lures, reels, rods, tackle boxes. Pre-1950, please. Collector paying highest prices for "Grandpaw's" tackle box. Lures \$50 to \$5,000 each. Reels \$100 to \$7,500 each. Send photos to: tacklechaser@aol.com or call Rick at 575-354-0365.

#### YOUR FRIENDS AT ROUGH RIDER ANTIQUES INVITE YOU TO SEE WHAT'S NEW SINCE YOUR LAST VISIT - Hundreds

of books, new and used; coins from a dealer who has been collecting for decades; Fred Harvey; Native American jewelry, art, pottery and rugs; dozens of Lionel trains and railroad souvenirs; colorful kitchenware, cast iron, trivets, tablecloths and aprons; bells, beads buttons, game pieces and soft goods for people who sew and craft; furniture, mirrors, lamps for your cabin or ranch; Fiesta, oilcloth, boots, hats, bags and old tools. We are always on the hunt for unusual Primitive, farmhouse, or industrial pieces with a story. Open every day. Across from the Castañeda, a Fred Harvey hotel at 501 Railroad and East Lincoln in Las Vegas. 505-454-8063.

#### **Real Estate**

**CONCHAS, O AND 00 RIDGE DRIVE,** two tracts with two lots per each property (lots are 100 x 100 or .23 acre). Each tract has a permitted septic that has never been used. Electricity and co-op water nearby. \$40,000 per tract. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SUMNER LAKE, 0000 TRA VER ior **RANCHES ROAD** (at terse vith S State R  $\mathbf{20}$ Lot j er 20 of lake. \$18,000. ws acres. Big Mesa P Ity, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**CANADIAN RIVER - WEST OF UTE LAKE, EAST OF QUAY ROAD AI,** seven 40 acre (more or less) parcels with lake and mesalands views. One of the seven lots is west of Quay Road Al fronting Ute Lake. Call for appointment to show and pricing. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com DATIL, 0000 2 HERRINGTON CANYON ROAD, 40 acres vacant land, \$24,000. 0000 3 HERRINGTON CANYON ROAD, \$24,000. Hiking, hunting and off grid living potential. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

PIE TOWN, SOUTH OF WILD HORSE SUBDIVISION, 0000 1 GOAT RANCH ROAD, 20 acres, \$12,000. and 0000 2 GOAT RANCH ROAD, 40 acres, \$24,000. Vacant land with hiking, hunting and off grid living potential. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**NEW MEXICO LANDOWNERS, LET US SELL YOUR WORKING FARM OR RANCH.** Broker has a lifetime of experience working on a family farm in New Mexico and has been a family farm owner and operator since 1988. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

DATIL, COYOTE TRAIL, BLUEBIRD ROAD AND SUGARLOAF TRAIL, SUGARLOAF MOUNTAIN SUBDIVISION. (SOLD, Lots 241, 268, 269, 273, 270). Choice of three remaining lots just over five acres each. \$14,500. per lot. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

DATIL, 0000 CRISWELL ROAD, FOREST ROAD 6A (East of Criswell Road, 40 acres) \$24,000. and 0000 RED FEATHER TANK ROAD (off Criswell Road, property east of Red Feather Tank Road, 41.20 acres) \$25,800. Vacant land with hunting, hiking and off grid living potential. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**TUCUMCARI, 1120 S. SARATOGA**, just over one acre along US 54 (Mountain Road). \$20,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SANTA ROSA, 0000 WILL ROGERS DRIVE, PRICE REDUCED! 26 acres close to I-40 and old Route 66. Commercial potential. \$399,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SAN MARCIAL, 0000 WINCHESTER ROAD, TRACT 27A, WILLOW SPRINGS RANCH SUBDIVISION. PRICE REDUCED! 432 acres in the foothills of the Chupadera Mountains. Close to I-25. \$303,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**SUMNER LAKE, 225 INDIAN PLACE,** 3-bedroom, 2-bath home on 20 acres with view of Pecos River Valley. Custom built. \$325,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com DATIL, 31 OLD HIGHWAY 60, 2-bedroom, 1-bath home on 1/2 acre. Potential for rental/ hunting cabin. \$47,800. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

MILAGRO, 0000 PECOS SPUR, PORTRILLO CREEK RANCH SUBDIVISION,

164 acres. Wide open space for livestock and/or home site. Close to I-40. \$94,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

#### SANTA ROSA, 1070 BAR Y ROAD, HOLLYWOOD RANCH SUBDIVISION,

**PRICE REDUCED!** Three parcels (18, 19, 20) totaling just over 41 acres. Perimeter fencing and road. Water and electricity, \$187,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**CONCHAS, 631 CONCHAS DRIVE, MOTIVATED SELLER,** 3-bedroom, 2-bath home with detached garage and 30 x 40 boat storage. All electric. \$198,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

#### THINKING OF BUYING OR SELLING IN DEMING? Call Heather Wood at Lamplight Realty, LLC 575-936-4100 or cell 575-494-6331, e-mail heather@lamplightrealty.com or visit the website at www.lamplightrealty.com

**GLADSTONE, 4386 SPRINGER HIGHWAY (US 56-412),** 3-bedroom, 2-bath home with 36 x 45 barn and two open livestock sheds/ lean-tos. Two wells (one is solar). \$270,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

#### SAN ANTONIO, 1496 STATE ROAD 1,

3-bedroom, 2-bath home with detached garage on just over 11 irrigated acres, well and community water. \$305,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**TUCUMCARI, 10445 STATE ROAD 104,** 10.53 acres (total of two tracts) one with septic. Close to electricity and water. \$75,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

### NEW SITE BUILT, 672 SQ. FT. CASITA AND 2013 SCHULTZ MANUFACTURED HOME,

on permanent foundation, front and back porches, two Coast To Coast buildings with shop, all on 1.5 acres off paved road, 20 miles east of Gallup. Great investment opportunity. Community water, separate septics, meter poles. \$279,900., incentive for cash buyers. Call 505-240-4467, serious inquiries only.

#### NEWKIRK, 0000 OLD CABIN ROAD, TRACT 9, BULL CANYON RANCHES

**DEVELOPMENT,** 140 acres with scenic views of the Llano Estacado escarpment and surrounding mesalands. \$127,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

**CURRY, ROOSEVELT, QUAY, HARDING, UNION, LEA AND CHAVES COUNTIES.** We want your farm and ranch listings. Broker has a lifetime of experience working on a family farm in New Mexico and has been a family farm owner and operator since 1988. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www. bigmesarealty.com

**CLOVIS, 809 S. PRINCE,** 4.98 acres along US 70 south of Brady Street. Commercial potential. \$150,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

#### ZUNI MOUNTAINS - 855 FT. FRAME

**RANCH HOUSE ON 5.27 ACRES,** 2-bedroom, bath. Located on Zuni Canyon Road, one mile off Hwy 53 SW, 30 minutes from Grants. Well and septic. 385 ft. antique log cabin, art studio, six outbuildings plus well house with 2,000 gallon water storage tank. 30 ft. Park model trailer for guest quarters under shed roof. \$300,000. Call 505-783-4178 for more information.

**TWO LEVEL HOME,** 3-bedroom, 2 1/2-bath, sunroom and two way fireplace on 1/2 acre fenced in yard with pond and waterfall. Nice back deck. Front enclosed rose garden area. Paved parking. Storage shed. \$499,500. Call 575-937-0808 for more information.

WATER DOWSING AND CONSULTING, PROVEN SUCCESS! 47 years of experience in Lincoln County. Will travel. Call Elliot Topper at 575-937-2722 for more information.

#### **To Place a Classified Ad**

- 1. Visit www.enchantment.coop/classifieds and complete form. You will be contacted by email with price and deadline to submit check or money order.
- 2. Ads will not be accepted over the phone.
- 3. Or, complete form and select category.
- 4. Write ad on another sheet of paper.
- Price: \$20 up to first 40 words per ad, per category, per month. After 40 words, each word is 50 cents. Add \$5 for small graphics such as cattle brands. Phone numbers, emails and websites count as one word.

#### **To Send and Pay Your Classified Ad**

1. Mail ad and payment (Payable to NMRECA) NMRECA • enchantment 614 Don Gaspar Ave. Santa Fe, NM 87505

#### Vehicles

**FOR SALE -** 330 gallon Water Trailer; 1958 Airstream 19 ft. Travel Trailer; 13 ft. 1964 Land Yacht Airstream Travel Trailer; 8 ft. Closed Cargo Trailer; 10 ft. Van Body Closed Storage Trailer; 1996 Honda 300, 4 x 4 four wheeler with canopy, scrapper blade and bucket loader; 1999 350 Yamaha 4 x 4; Log Splitter; RTV Trailer. Call 505-783-4178 for more information.

**1955 FORD F-350 DUALLY**, NM title, not running, \$850.; Steel 7 1/2 ft. Dump Bed, no hydraulics, \$350.; 1970 Ford engine, 6-cyl, 170-ci, \$150.; Two Tires - 9.00R20, 14-ply, 1/4" tread, \$20. each; GM 3.73 ratio 4 x 4 10-bolt solid axles, \$100. each; 4' x 8' heavy duty steel flat bed trailer, \$500.; Mercury 3.3-hp outboard motor, 2-stroke, like new, \$425.; Minn-kota 50TA electric outboard motor, NIB, \$100.; Taylor-Dunn, 3-wheel electric tug, \$150.; ATV wheels, \$15. each. WANTED - old corrugated metal roofing. Call 505-603-4020 for more information.

**1993 GMC SUBURBAN,** really great condition, 305K miles, 4-wheel drive, cruise control, excellent tires. \$5,000. firm. Located in Thoreau, NM. Call 505-259-5630 for more information.

**MEMORIAL DAY WEEKEND -AUTOMOTIVE TOOLS AND EQUIPMENT SALE -** Snap-on tool boxes with tools; metal work bench, 20 ton press, 455 Olds engine, was setup NOS; 383 Dodge engine; 454 Chevy engine, all rebuilt. Transmissions different makes and models, rebuilt. 1964 Buick Riviera; 1966 Olds Delta. Call 719-289-1151 for more information.

**2003 DODGE RAM DUALLY,** diesel 3500, quad cab, new tires, 174,000 miles. Good condition. \$12,500. Call 575-937-0726 for more information.

#### FOR SALE - 2019 STARCRAFT 32' SUPERLITE 281 BH TRAVEL TRAILER,

sleeps 8 to 10 people, excellent condition. \$23,000. Located in Clovis, NM. Call 575-512-5933 or E-mail - dellasisneros@ yahoo.com or rtoddu@gmail.com for more information.

**COLLECTOR VEHICLES FOR SALE** - 1954 Ford F-100, original except 6 volt changed to 12, new paint and upholstery; 1951 Ford Victoria, needs transmission; 1969 Ford step-side, new paint; 1990 Camaro I-ROC; 1960's and 70's MG Midget collection and car parts. Many more! Also, body shop equipment - small frame machine for fender rails, radiator core supports, dent pullers, grinders, impact tools. Call 505-753-4271 for more information.

#### **CLASSIC VEHICLE PROJECTS AND**

**ENGINES** - 1953 Ford F-100 with flathead V8 complete but needs restoration; 1956 Ford F-100 cab and front end, has rebuilt 296 Y-block and automatic transmission, good for parts or can be restored; 1979 Chevy cab and front end, clean frame; 1977 Chevy 250, six cylinder engine complete with 3-speed transmission; 1957 Ford 296 Y-block, needs rebuild. Call Andy at 505-753-4271 for more information.

**RT 66 AUCTIONS, ESTATES, BUSINESS AND GOVERNMENT SURPLUS** - Vehicle Auction is every third Thursday. Donated vehicles and consignments. Need to sell, let us help. Need a car, check out online auctions at www.rt66auctions.com or call Gary at 505-379-3432 to consign.



| Name:                 |             |  |
|-----------------------|-------------|--|
| Address:              |             |  |
| City:                 |             |  |
| State: ZI             |             |  |
| Phone:                |             |  |
| Cooperative:          |             |  |
| Select Category Below |             |  |
| 🟳 Animals             | Great Finds |  |
| Business              | Real Estate |  |
| C Equipment           | 🖵 Vehicles  |  |

#### **Deadline** 1. Due the 7th, one month prior.

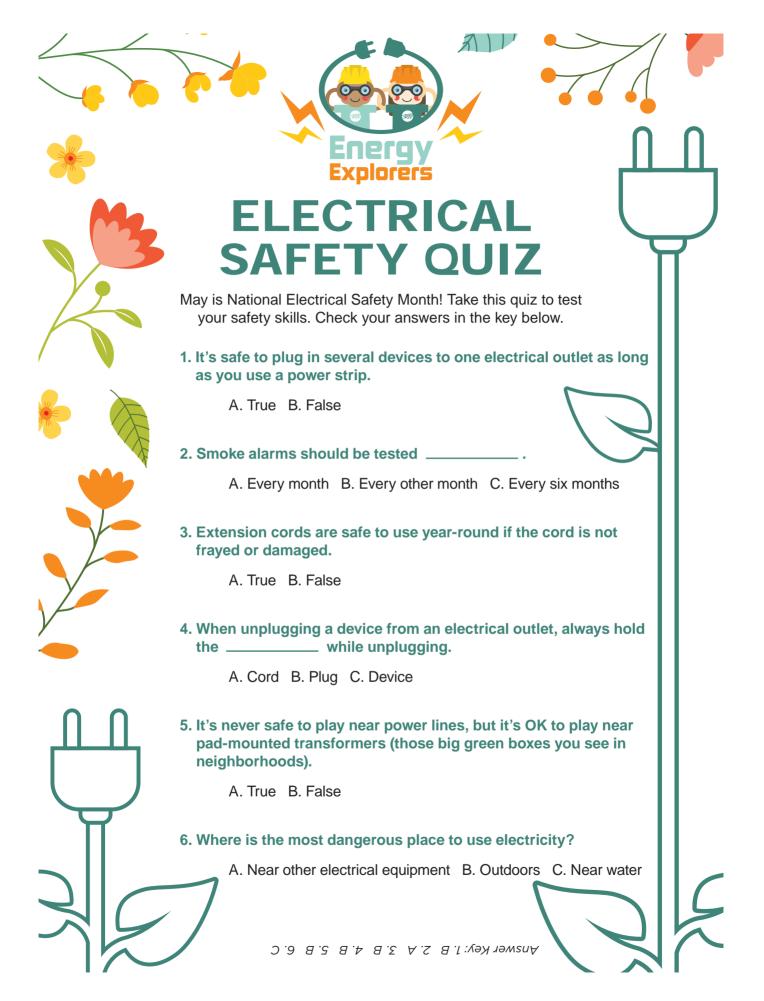
Ex: Ads due June 7 for the July issue.

#### Good to Know

- 1. Only members of New Mexico electric cooperatives may place ads.
- 2. We reserve the right to reject any ad.
- 4. Advertisements in enchantment are paid solicitations and are not endorsed by the publisher or the electric cooperatives of New Mexico.
- 5. PRODUCT SATISFACTION AND DELIVERY RESPONSIBILITY LIE SOLELY WITH THE ADVERTISER.

Questions

Call: 505-982-4671.





## GALLUP CULTURAL CENTER + Museum + Bookstore + Cafe + Indigenous Dance

DOWNTOWN GALLUP ON ROUTE

## Summer Events Coming gallupculturalcenter.org

JUNE 1, 2023: MUSEUM-CAFÉ-BAKERY HOURS 10:00-4:00 PM MONDAY -SATURDAY

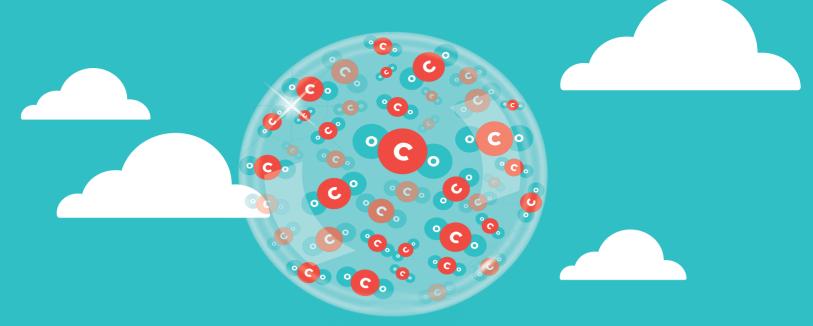
JUNE 3, 2023: WEEKLY INDIGENOUS DANCES -DEMONSTRATORS SATURDAYS ONLY 11:00 AM AND 2:00 PM PERFORMANCES

AUGUST 1, 2023-August 1, 2024: NEW CODE TALKER EXHIBIT IN THE MASTER'S GALLERY









# **Capturing Carbon**

#### By Katherine Loving and Paul Wesslund

Providing reliable, affordable electricity is a priority for publicly owned utilities. Co-ops, PUDs and municipals continue to incorporate additional energy generated from renewable sources. Until these technologies fully mature, fossil fuels remain a part of our overall generation mix to ensure power reliability.

As the United States moves forward with carbon reduction goals, utilities are looking for ways to provide clean energy and offset the carbon generated during power production. Capturing carbon emissions—or greenhouse gases—at their source is one of those approaches.

Understanding some of the terminology associated with this complex process can shed light on this unique way of managing greenhouse gases.

You've likely heard the term **net zero**. This means you don't increase the amount of carbon dioxide in the atmosphere. Essentially, any greenhouse gas you emit is reduced in some other way.

Net zero typically takes the form of a nation or commercial business setting a goal to offset carbon emissions it produces from burning coal, oil or natural gas. Those offsets can be as simple as planting a lot of trees that convert carbon dioxide to oxygen as part of their photosynthesis process. It can be as complex as building high-tech equipment to remove greenhouse gases before they reach the air or even after they are emitted. Net zero was first widely discussed about 10 years ago as countries met to negotiate the Paris Climate Agreement and determine language to discuss reducing greenhouse gas emissions. Since then, nearly 500 nations, cities and states—and more than 700 companies—have set goals of reaching net zero within the next 30 years.

Another term for net zero is carbon neutral. In 2020, Microsoft Corp. announced a goal of going carbon negative, meaning it would remove more greenhouse gas from the air than it emits.

**Carbon capture, utilization and storage** is one tool for reaching net zero. In the past, it was simply called "carbon capture," but is now often referred to as CCUS.

CCUS involves a series of steps that removes carbon dioxide from its original source to prevent it from reaching the atmosphere. During the capture step,  $CO_2$  is removed either before or after combustion.

Post-combustion capture is the most common method used at existing power plants. After electricity is generated, the  $CO_2$  is removed from the gas mixture found in a plant's flue.

In precombustion capture, the fuel sources are heated with pure oxygen—or steam and oxygen—to release  $CO_2$ .

Once captured, the  $CO_2$  is transported to its next destination. Typically,  $CO_2$  moves as compressed gas in pipelines, but it can also be transported by tanker trucks or ships. Captured  $CO_2$  can be injected into



Basin Electric Cooperative's Dry Fork Station in Wyoming is near a site being developed for a large-scale carbon storage project.

### New and Emerging CO<sub>2</sub> Technologies

Despite several hurdles, carbon capture is seen as an important technology in reducing emissions.

In 2015, XPRIZE—a technological development competition—kicked off with an aim to award 20 million to develop new and emerging technologies that use CO<sub>2</sub>. The competition was based on how much CO<sub>2</sub> was converted and the economic feasibility of the project.

The winning project was a carbon-negative concrete created by a team of UCLA researchers called CarbonBuilt.

The research team conducted tests at Basin Electric Power Cooperative's Integrated Test Center in Wyoming to turn flue gases and fly ash into carbon-negative concrete. The process reduces the carbon emissions of concrete production and traps additional carbon long-term within the final product.

geological formations or recycled for other uses.

Research on how to recycle  $CO_2$  is ongoing, but established uses include using the gas in enhanced oil recovery, growing fish food from lab-grown bacteria that feed on  $CO_2$  and creating carbon-negative concrete or other carbon-based materials.

One appeal of carbon capture is the abundance of underground natural storage locations, such as deep aquifers, porous rock and unproductive coal mines. The U.S. Geological Service estimates the United States has the potential to store 3,000 metric gigatons of  $CO_2$ , the equivalent of five centuries worth of emissions.

**Carbon dioxide removal** doesn't center on keeping greenhouse gas from entering the atmosphere, but rather taking it out of the air. It's also often referred to as direct air capture. Some businesses are already using  $CO_2$  from direct air capture for things such as fertilizer production.

The federal government made carbon capture a funding priority in 2022. The Infrastructure Investment and Jobs Act provides \$927 million for large, commercial-scale pilot projects as well as \$3.5 billion for six demonstration projects at coal and natural gas plants.

The Slowing  $CO_2$  and Lowering Emissions Act was introduced in 2021 and provides funding to overcome expansion barriers. The act aims to reduce costs by financing scaling projects for pipeline infrastructure, creating regional storage infrastructure and providing grants for creating products derived from large-scale capture.

Capturing carbon is an important tool in reducing  $CO_2$  emissions generated from fossil fuel use. As this emerging technology is deployed on a larger scale, the future of carbon capture will continue to be promising.

# youth art

July Topic: Draw your favorite dinosaur!

August Topic: August 7 is Friendship Day. Draw yourself and a friend having fun.

Send Your Drawing By mail: Youth Editor 614 Don Gaspar Ave. Santa Fe, NM 87505 By email: tcondit@nmelectric.coop

**Deadline:** Submit by the ninth, one month prior to publication.

**Hooray!** Winners receive a \$15 gift card.

Have a Youth Art Topic? Email or mail to the addresses above, or call 505-982-4671.

5 items to include on the back of your drawing, otherwise YOU ARE DISQUALIFIED:

- 1. Name
- 2. Age
- 3. Mailing Address
- 4. Phone Number

5. Electric Co-op

DON'T FORGET THESE ITEMS!

Artwork accepted up to age 13.

## Thank You to All Silver Star Recipients! Congratulations to the Winning Artists!

Mary Josephine Robertson • Age 12 Central New Mexico Electric Cooperative



Kynsleigh Schlamann • Age 11 Socorro Electric Cooperative



Evelyn Woody • Age 6 Central Valley Electric Cooperative



Megan Martinez • Age 10 Jemez Mountains Electric Cooperative



Kaydence Gonzales • Age 11 Socorro Electric Cooperative



Josh Hibbard • Age 10 Otero County Electric Cooperative





ARTWINELIVE MUSICCHUCK WAGONCome celebrate Michael and his artin the beautiful setting of the Hondo Valley.See our website for more information. www.hurdgallery.comHurd La Rinconada Gallery and Ranch 800-658-6912105 La Rinconada LaneSan Patricio, New Mexico



PLANT IN YOUR EXISTING LAWN. SPECIAL PACKAGE is ideal for planting areas up to 400 sq. feet. 100 ready-to-plant 3x3 inch SUPER PLUGS for just \$95 including shipping.

GUARANTEED TO GROW or We'll Replace Grass FREE!

LIMITED MAY/JUNE OFFER!

SAVE TODAY USE CODE 7143

www.BestZoysia.com 410-756-2311



©2023 Zoysia Farm Nurseries 3617 Old Taneytown Rd. Taneytown, MD 21787

Zovsia Farm 🗸

#### Native Constructors, Inc.

- New Mexico Lic. #399953 GB-98
- All Types of Remodels & Construction Services
- Residential and Commercial
- Carpentry, Tile, Drywall and Wood Flooring
- Will Travel and call/text for Estimate

Call: 505-320-5769 Visit: www.nativeconstructors.com



As a Cattleman, I Understand the Farm and Ranch Business

Republic Ranches, LLC 210-416-2737



## THE RIDE OF YOUR LIFE.

Steal away a day on the award-winning, historic Cumbres & Toltec Scenic Railroad. Climb aboard and leave your worries behind. From the open air gondola to the breathtaking views from your private window, this is a scenic train ride unlike any other. Join us for a day trip through the unspoiled Rocky Mountain West. Vibrant and beautiful as always. Depart from Antonito, Colorado or Chama, New Mexico. The modern world can wait while you take the ride of a lifetime.

BOOK NOW AT CUMBRESTOLTEC.COM 1-888-286-2737



#### For the Members of Farmers' Electric Cooperative





## ENERGY EFFICIENCY FOR BETTER BUILDINGS

Whether your home or business, the buildings you enter daily consist of several layers that create one building envelope, or shell. The envelope begins with the foundation in the ground and ends with the roof, and includes everything in between such as walls, windows and doors. To save energy and maintain comfort, an envelope should limit the transfer of heat in or out of the building. Improve your building envelope by applying weatherization best practices.

#### **+ AIR SEAL CRACKS AND HOLES**

Caulking and weatherstripping are cost-efficient air-sealing techniques that help maintain a comfortable temperature in your space. Air-seal gaps around windows, doors, electrical outlets, and other wall or ceiling penetrations to reduce drafts. Weatherstripping around the interior of door frames and window sashes will also limit drafts in these areas and improve the energy efficiency of your home.

#### + ENSURE ADEQUATE INSULATION

One of the best ways to reduce your energy bills and increase the comfort of your home is by ensuring adequate and effective insulation in your home. The Department of Energy recommends that a home have 12 to 16 inches of attic insulation. However, not all insulation has the same effectiveness for energy efficiency, and as insulation ages that effectiveness declines. There are also several methods for insulation depending on where you live and the part of your home you are insulating (walls, crawlspace, attic, etc.) so it's best to contact a local certified contractor. Check your local building codes for requirements.

#### + RESEARCH INCOME-QUALIFED PROGRAMS

Some income-qualified programs provide air sealing and insulation, along with making sure your home is safe, if you have combustion appliances like a gas furnace or water heater. Certain programs even cover up to 80% of the median area income and provide these improvements at no cost to the homeowner and in many cases renters as well.

To learn more about income-qualified programs, rebates, and incentives for energy-efficient upgrades, contact your local co-op or public power district. Visit us at www.tristate.coop/electrify-and-save



A Touchstone Energy® Cooperative 🔊

Tri-State is a not-for-profit power supplier to cooperatives and public power districts in Colorado, Nebraska, New Mexico and Wyoming.

**⊗** ELECTRIFY AND SAVE™