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Published by AG PRESS

56th Year

No. 2

March 9, 2010

\$1.00

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March 14



New chief named for animal health agency

The Kansas Animal Health Board has named veterinarian and retired U.S. Army Reserve Colonel Bill Brown as the state's new livestock commissioner. He will replace George Teagarden, who will retire in May after 16 years in the position. Brown will assume his new role March 8.

Brown most recently served as health services veterinarian for Newsham Choice Genetics of West Des Moines, Iowa. In that capacity, he was responsible for maintaining the health and biosecurity of the company's swine operations in the U.S. and Canada. He previously held similar positions with Monsanto and DeKalb. In addition to working for these leading companies in the swine industry, Brown owned and operated mixed practice veterinary hospitals in western Kansas from 1974 through 1992.

The Ford County native graduated from the Kansas State University College of Veterinary Medicine in 1971. After graduation, he started a long career in the U.S. Army Reserve, serving several tours of active duty. Brown has provided veterinary expertise to the Army throughout his military career.

Brown is a member of the American Veterinary Medical Association, Kansas Veterinary Medical Association (KVMA), American Association of Swine Practitioners, United States Animal Health Association and American College of Veterinary Preventive Medicine. He was named "Kansas Veterinarian of the Year" by KVMA in 2004.

"The Kansas livestock industry is fortunate to have an individual with Dr. Brown's credentials as the new livestock commissioner," said Kansas Animal Health Board Chair Heather Donley, who serves as director of quality assurance for the Beef Marketing Group, headquartered in Great Bend.

As commissioner, Brown will lead the Kansas Animal Health Department (KAHD). The agency is assigned to protect the health, safety and welfare of Kansas citizens through the prevention, control and eradication of infectious and contagious diseases in livestock and domestic animals. Agency officials also regulate companion animal breeding facilities, investigate livestock thefts and maintain the livestock brand registry.

KAHD has achieved numerous important milestones under Teagarden's direction. His tenure includes attaining cattle tuberculosis-free status in 1995. USDA declared Kansas free of both cattle brucellosis and swine pseudorabies in 1999. Earning free status from USDA for these three infectious diseases was the culmination of years of work led by Teagarden, his predecessors in the position, the KAHD staff and the livestock industry.

Another major accomplishment occurring under Teagarden's leadership is planning for an emergency response to a potential foreign animal disease outbreak in Kansas. In addition to forming a statewide plan, KAHD has fostered the creation of many county-level animal disease emergency plans. According to Donley, Kansas serves as a model among states in terms of emergency animal disease response planning.

"Commissioner Teagarden deserves a big thanks from livestock producers and the citizens of Kansas," said Donley. "His efforts to eradicate major food animal diseases in the state has saved livestock producers countless millions of dollars and enhanced food and public safety."

Making tracks for spring



You know it's getting closer to spring when you see big rigs working the fields, often in the early morning hours when the ground is frozen and will carry the weight of the applicator without leaving ruts. Matt Ryff was busy doing some custom-application work for the North Central Kansas Co-op last week. Producers have been busy applying topdress-fertilizer before the weather warms and the wheat breaks dormancy.

Researchers looking into wheat yield drag

By Mary Lou Peter

One of the common crop rotations used by farmers on the High Plains — wheat-corn-fallow using Roundup Ready® corn has its advantages, but volunteer corn can cut into yields some years, Kansas State University researchers said. The results of a three-year study conducted across several locations in western Kansas indicate that in average years, when conditions were neither drier than, nor wetter than usual, volunteer corn growing in fallow negatively impacted the following wheat crop's tiller produc-

tion and grain yield, but had minimal effect on grain test weight.

"Producers who grow glyphosate-tolerant corn are challenged with controlling volunteer corn during the fallow period in a dryland wheat-corn-fallow rotation," said John Holman, cropping systems agronomist with K-State Research and Extension. Volunteer corn — those pesky plants that grow from kernels left in the field from previous crop — can germinate throughout the fallow period and are not controlled by traditional herbicides used in chemical fal-

low. This creates an issue for producers who must allow the volunteer corn to grow or apply a selective grass herbicide, often several times, which in turn increases weed control costs. K-State researchers started the study in 2007 to determine common levels of volunteer corn in producer fields and to quantify the effect of volunteer corn on soil moisture during the fallow period and the subsequent effect on winter wheat tiller production, and grain yield, protein and test weight.

The three-year study, conducted by Holman in

collaboration with K-State agronomists Alan Schlegel and Brian Olson, found that for every 200 volunteer corn plants per acre, wheat yield was reduced by one bushel per acre in years with average growing conditions and precipitation. At Tribune, the first bushel of wheat yield was lost when volunteer corn density was 75 plants per acre. However, in years with very low precipitation or very high precipitation, volunteer corn growing during fallow did not impact the subsequent wheat crop's

Continued on page 3

Research looking into ability of corn to fix nitrogen

By LeAnn Ormsby

Nitrogen fertilization is essential for profitable corn production. It also is a major cost of production and can contribute to degradation of the environment.

Is it possible to "teach" corn to fix its own nitrogen, thus eliminating the need for nitrogen fertilizer applications?

University of Illinois agricultural engineer Kausubh Bhalerao believes it may be, through research in an emerging area of engineering called synthetic biology.

"We now understand enough about how genes work and how proteins are

produced that we can actually think about reprogramming how living cells work," said Bhalerao, an assistant professor in U of I's Department of Agricultural and Biological Engineering. "On one hand, it sounds intimidating. But on the other hand, there are tremendous benefits that may be possible by doing this."

Synthetic biology is a new area of research that combines science and engineering in order to design and build or "synthesize" novel biological functions and systems. Through this new technology, many scientists believe it may be possible to control biological sys-

tems to increase food supplies, produce energy, enhance human health, protect the environment, and more.

Bhalerao is leading a multidisciplinary research initiative with collaborators from the University of California, San Francisco; Stanford University; University of Cambridge; and New Castle University aimed at building systems that enable bacteria to spatially organize and communicate with and control plant cells. The research is funded through a grant of about \$2 million from the U.S. National Science Foundation and United Kingdom's Engineering and Physical Sciences Research

Council.

Bhalerao's research focuses on building systems in which bacteria behave like amplifiers. "We've developed the equivalence of an amplifier inside bacteria. The bacteria sense the presence of an amino acid in their environment and produce a protein in response. A positive feedback mechanism in the gene circuit amplifies the production of that protein," Bhalerao said.

By using bacterial amplifiers, the systems become more sensitive. "Because of the amplifier, bacterial biosensors can detect concentrations much lower than would have been possible

otherwise. In a system designed to produce a particular molecule or chemical, much larger output levels can be generated," he said.

A specific application being investigated is the design of a system that enables nitrogen fixing bacteria to communicate with the root systems of corn plants.

According to Bhalerao, soybean fixes its own nitrogen by sending a message to a bacterium that encourages it to colonize in the plant's roots. Once the right environment has developed, the bacteria start fixing nitrogen for that plant. This results in soybeans being naturally

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Guest Editorial

Time to get control of the thundering herd

By Trent Loos

The Calico Mountain Range consists of 550,000 acres, and the official Bureau of Land Management range scientist there has said the area can sustain 600 head of horses.

In this arid desert region, however, it takes 1,000 acres of rangeland to sustain a horse year in and year out.

After the most recent round-up, the official number of horses counted in Fallon was 3,040, which is only allowing 180 acres per horse. One need not be very sharp in the animal husbandry area to figure out how that does not bode well for the horse.

Granted, the BLM has some very knowledgeable range scientists and horse experts, but their hands are tied by legislation and they simply can't do what they know needs to be done.

The weekend following the roundup, brought a rally at the state capitol in Carson City, Nev., with a reported

100 people protesting the horse gathering from the range. The Calico gathering was supposed to have been held in early fall, but because of earlier public protest, it did not happen until in the end of December. Then, these protestors spoke out about how the weather now made it tougher on the horses.

Why is it that the very people who restrict the government from managing these horses properly cannot be charged with animal neglect? Are they not preventing BLM officials from giving the horses the care they need to survive and thrive?

All of the regions designated for wild horses hold nearly three times the number of horses that the range can handle properly.

At this point the solution from the Obama Administration has been an increase of \$12 million in the BLM budget for horse management. I don't understand how that is going to help.

Are we going to continue to allow these horses to be mismanaged and grow in number for no reason whatsoever?

Even more concerning is that the BLM budget contains an allocation for \$42.5 million in land acquisition funding to purchase another wild horse preserve. If this continues much longer, we will need to buy up the whole nation just to find feed for these wild animals, which fewer and fewer people are interested in adopting.

I enjoy seeing wild horses as much as anybody, but a little bit of animal owner responsibility must come into play.

The solution is not to increase the budget and increase the horse population. The solution is to finally get a backbone and explain to the "wild horse lover" that while we like to have some wild horses around, there comes a point in time when we need to slow the growth

and also sell some horses.

We encourage people to spay and neuter their pets, so why not control reproduction in these herds as well?

In the big picture of government spending, I realize that this is just a blip on the radar screen, yet take a blip here and blip there, and suddenly, we have a thundering herd that is running completely out of control.

Loos is a sixth generation farmer/rancher from Loop City, Neb., and founder of Faces of Agriculture, a group dedicated to presenting the facts as related to agriculture. He can be reached at: trentloos@gmail.com or (515) 418-8185.

COWPOKES®

By Ace Reid



"Looks like our first step toward endin' poverty is to raise the Congressmen's pay."



Over the Barn Gate

By Beth Gaines-Riffel

Last Thursday morning I dashed out of the house to leave for work and I heard it. In fact, I stopped dead in my tracks, hoping that I would hear it again. I wasn't disappointed. Somewhere off in the trees a turkey gobbled. Woo hoo! Spring can't be far off!

I know that I'm suffering from a very bad case of cabin fever. Visiting with folks at various bull sales and other events, I know that I am not alone. It's been a long hard winter and one that we all are ready to see go.

So, when the temperature edges a little higher — heck, I was celebrating the forecast when it was predicted to be 50 degrees! That's not even that warm, but in truth, it would feel quite balmy compared to some of the days we've had this winter.

I know this time of year is a mother's worst nightmare. If my kids leave the house with the appropriate weight of clothing in the morning, when they return, the shirts will be swapped out and jackets stuffed into the bottom of

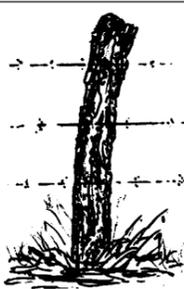
bookbags or left in lockers by day's end.

So, which is worse? Not wearing enough clothing when they meet the bus in the morning, or looking high and low for the prized football hoodie in a panic? I guess I'll settle for the former.

I was even looking toward the garden this past week, thinking that I really should get some things started in trays. That is if I'm going to go that route this year — which is what I promised myself last year. That notion aside, as I walked around my little garden area I noticed that there is also a fair amount of work to be done if it is going to be ready for the peas and potatoes to be planted in a couple of weeks!

I'm hoping that the sunny weather also helps to improve some folks' dispositions, but I'm afraid that probably will be a stretch. But we can always hope, if nothing else it serves as a topic of conversation at the next bull sale!

That's all for now. I'll chat with you next week, "Over the Barn Gate!"



The Learning Post

By Gordon Morrison
Concordia Rancher and
Former Agriculture Educator

Money Matters

It seems almost everyone — charitable organizations, foundations, research groups, politicians — wants our money. As I sit down to write, I see on the dining table eight stamped and sealed envelopes ready to mail. I am sure that all contain checks, but none are addressed to businesses to pay for regular bills for goods, utilities or services rendered.

These are May's projects. Perhaps the recipients know she is a soft touch, and it is hard for her to say no. However, I am in agreement that most serve a good cause. With the economy in a sluggish state, I understand that many worthwhile charitable organizations are running short on funds as financial support from contributors has dropped considerably. Now may be the most crucial time for giving by those who are able.

On the back of one envelope, I read this message from the American Heart Association: A physical inactive lifestyle is a risk factor for coronary heart disease and stroke. Regular, moderate-to-vigorous physical activity done for at least 30 minutes on most or all days of the week helps prevent heart and blood vessel disease. The more activity, the greater your benefits. That is good advice and a reminder that could benefit many people if they will heed it. As I studied the other envelopes on the table, I saw that some of them also had health tips and precautions printed on them.

Then others stated how the donations would be used to feed the hungry, to provide shelter for victims in unfortunate circumstances, and to send a message of hope and encouragement to those in seemingly hopeless situations. They may help some that are in need to become self-supporting and independent, re-

gaining their dignity. While one may not be able to personally assist in many of these endeavors, it is possible to participate in them by supporting those who are called and are equipped to do so. In so doing, we can have a part in sharing God's love across this country and around the world.

Whenever a representative from the NRA (National Rifle Association) calls, I am the one who takes the message. Recently, they have been asking for money beyond the amount paid for dues to help defend the right to bear arms. Some cities have banned the right to own and keep firearms in one's home. Courts are weighing the pros and cons, trying to decide if the second amendment to our Constitution, giving us the right to bear arms, should be abandoned. I believe that is a worthy cause that I can support. Also, the politicians I vote for must work to protect that second amendment.

I am sure we have a better U.S.A. because of the generosity of its citizens to give to those in need and to support beneficial causes. However, one must exercise caution. Sometimes it is difficult to separate the sheep from the goats. For example, some groups may adopt a name that is similar to that of a proven organization, implying a connection when that is not the case. A very small percentage of what is taken in by these deceptive or illegitimate groups actually goes for the designated work or project. It is important to be assured as much as is possible that the donations will be used for the purpose intended.

The worthy organizations need or want money that all of us have worked hard to earn. Hopefully, they will assume the responsibility of conscientiously handling these funds in a prudent manner.



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GRASS & GRAIN (USPS 937-880)

The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505.

Subscription — \$77 for 2 years. \$42 for 1 year, includes sales tax. Outside Kansas, \$49 for 1 year, \$91 for 2 years.

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Nitrogen fixing Researchers study wheat lag in rotations

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high in nitrogen and a protein-rich food source.

"Why don't we teach corn how to do this?" Bhalerao said. "This would reduce the need for the application of petroleum-based fertilizers, which has huge implications for sustainable agriculture."

Synthetic biology is a fast-growing research area with a wide range of potential applications. Scientists are using this new technology to make biosensors sensitive to light, sensitive to uranium, sensitive to rust, etc. Proven concepts in various stages of development include using bacterial sensors to build bacterial photographic plates, assist with the nuclear mining of uranium, or detect unexploded landmines in the soil.

"These are just a few potential uses that capture the mind," Bhalerao said. "This type of technology allows us to think about interesting, novel solutions to major concerns, such as how we can feed more people, or how we can produce more drinking water."

"Synthetic biology is an entirely new discipline. To compare it with electronics, where it's drawing a lot of its ideas and terminology from, we are at the stage of developing the transistor. We cannot foresee what the Internet of this technology is going to look like."

Continued from page 1

yield. University-managed land and several western Kansas producer fields were included in the study.

Over all fields included in the study, including producer and university acreage, fields averaged 500 volunteer corn plants per acre.

"On the basis of the test results in Colby and Tribune from 2008, a density of 500 volunteer corn plants per acre would cut wheat yields by 4.6 bushels per acre," said Holman. "A selective grass herbicide can be used to control flushes of volunteer corn, but may cost close to \$15 per acre," said Troy Dumler, K-State southwest area extension agricultural economist, also a collabora-

tor on the study. "Of course the price of wheat and herbicide will influence the amount that can be spent to control volunteer corn. With wheat at about \$5 per bushel, a yield loss of 3 bushels per acre would be needed to justify additional herbicide treatments to control volunteer corn. That would require a density of more than 250 volunteer

corn plants per acre." A few methods to reduce the cost of controlling volunteer corn would be to spot spray the volunteer corn, use a selective grass herbicide in place of glyphosate for sequential herbicide applications in fallow, or use a different herbicide program other than Roundup and a non-Roundup Ready® corn.

"This study has shown

that volunteer corn densities are potentially high enough to reduce the amount of soil moisture stored during the fallow period and subsequently reduce the following winter wheat crop's yield," Holman said.

More information about the study is available at county and district extension offices and on the Web at <http://www.wkarc.org>.

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GRASS & GRAIN *Our Daily Bread*
 ***** By G&G Area Cooks *****

This Week's 'Our Daily Bread'
Winner: Lydia Steinlage, Corning

Winner Lydia Steinlage, Corning:
EASY CHICKEN CASSEROLE

4 1/2- to 5-pound chicken, boil until done
 4 cups chicken broth
 6 tablespoons cornstarch
 1/2 cup cold water
 12-ounce box Velveeta Shells & Cheese
 Salt & pepper, if desired
 4 old hot dog or hamburger buns
 Margarine

Bone and cut meat into bite-size pieces OR about 3 cups of diced cooked chicken. Dissolve cornstarch in cold water and stir into heated broth. Cook until thick. Stir in cheese packet from the Shells and Cheese box. Stir in chicken and shells. Pour mixture into a greased 9-by-13-inch casserole. Bake at 350 degrees for 30 minutes. Remove from oven and butter each half of the old hot dog or hamburger bun and tear into small pieces over the top of the casserole. Return to the oven for an additional 15 minutes or until bread is toasted.

Mary Longren, Holton:
 "This was given to me 10-15-67 in Biloxi, Mississippi by our landlord, Tony Taljancich, when my husband was stationed at Keesler Air Force Base. Enjoy!"

HELLO DOLLY COOKIES
 1 stick butter
 1 cup graham cracker crumbs
 1 cup coconut flakes
 1 cup semisweet chocolate chips
 1 cup chopped walnuts
 15-ounce can sweetened condensed milk

Melt butter in a 9-by-9-inch pan. Sprinkle in alternate layers of each of the ingredients beginning with the cracker crumbs and ending with the walnuts. Pour milk over the top. Bake in a 350-degree oven for 30 minutes.

Note: The Copper Oven version may layer the crumbs over the butter and then the milk. Either way, cool in pan before cutting.

Janene Wiebe, Durham:
 "We like it with fresh strawberries or peaches."

FRUIT FRUIT DESSERT

Crust:
 1 1/4 cups flour
 2 tablespoons sugar
 Pinch salt
 1/2 cup margarine
 Mix together and press into a 9-by-13-inch pan. Bake 15 minutes at 350 degrees.

Filling:
 1 3/4 cups sugar
 1 small package gelatin
 2 cups boiling water
 5 tablespoons cornstarch
 4 cups fresh fruit

Blend dry ingredients. Add boiling water and boil 2 minutes; cool. Spread fresh fruit on cooled crust then pour filling over fruit. Let set in refrigerator. Top with whipped topping or whipped cream and garnish with fresh fruit.

Sabra Shirrell, Tecumseh:
COLA PEPPER JELLY HAM

12-ounce can cola
 1/2 cup pepper jelly
 1/2 cup apple jelly
 8-pound bone-in spiral ham

Preheat oven to 350 degrees. In a saucepan com-

bine cola and jellies. Bring to a boil over medium heat, whisking well. Reduce heat to simmer. Cook for 10 minutes stirring frequently. Place ham on a rack in a roasting pan. Pour one-fourth of glaze over ham. Bake uncovered for 30 minutes, basting with glaze every 15 minutes. Pour remainder of glaze over ham. Serve immediately.

Kellee Rogers, Topeka:

CREAMY ALFREDO PASTA
 Half of a 16-ounce package corkscrew shaped pasta (cellentani)
 2 cups half & half
 1/3 cup butter
 2 garlic cloves, pressed
 1 cup fresh parmesan cheese, finely grated
 1 tablespoon chopped parsley
 1/4 teaspoon salt
 Pepper to taste

Prepare pasta according to package directions. Cook half & half, butter and garlic in a large heavy saucepan over medium heat, whisking often, 12 minutes or until reduced by one-third. Do not boil. Remove from heat. Whisk in cheese, parsley and salt and desired amount of

pepper until sauce is smooth. Toss sauce with hot cooked pasta. Let stand 5 minutes before serving.

Mona Jean Newbury, Junction City:

Reprinted from the 1959 United Methodist Church cookbook. Mrs. Earl Aikins

LADY BALTIMORE CAKE
 3/4 cup shortening
 2 cups sugar
 3 cups cake flour
 3/4 teaspoon salt
 3 teaspoons baking powder
 1/2 cup milk
 1/2 cup water
 1/2 teaspoon vanilla
 1 teaspoon lemon extract
 6 egg whites

Thoroughly cream sugar and shortening. Add dry ingredients alternately with the milk and water. Beat smooth after each addition. Add extracts then fold in stiffly beaten egg whites. Bake in (2) wax paper-lined 9-inch square cake pans in a moderate (350-degree) oven for 30 minutes. Cool and ice with Seven Minute Icing.

Seven Minute Icing:

1 cup sugar
 2 egg whites
 1/3 cup water

1 tablespoons white syrup
 Cook in a double boiler, beating constantly for 7 minutes. Cool and ice the cake.

Sandy Hill, Eskridge:
IRISH SOD BREAD

4 cups flour
 1/4 cup sugar
 2 teaspoons baking powder
 1 teaspoon salt
 1/2 teaspoon baking soda
 1 cup cold butter
 2 eggs, beaten
 1 cup buttermilk
 1/2 cup raisins OR 3 tablespoons caraway seeds

In a large bowl combine the flour, sugar, baking powder, salt and baking soda. Cut in butter until crumbly. Combine eggs and buttermilk. Stir into flour mixture just until moistened. Stir in raisins. Turn onto a lightly floured surface and gently knead 5 to 6 times. Divide dough in half and shape each portion into a round loaf. Place 6 inches apart on a greased baking sheet. Bake at 375 degrees for 30 to 35 minutes or until golden brown. Transfer to a wire rack. Yield 8 slices each.

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The next two are from Millie Conger, Tecumseh:

BROCCOLI CHEESE SOUP
 1/4 cup butter
 1 cup chopped onion
 1/2 teaspoon minced garlic
 3 tablespoons flour
 2 1/2 cups chicken broth
 2 cups half & half
 14-ounce package frozen broccoli florets
 1 cup match stick carrots
 3/4 teaspoon salt
 1/4 teaspoon pepper
 2 cups shredded cheddar cheese
 1/8 teaspoon salt

In a large Dutch oven melt butter. Add onion and cook for 5 minutes. Add garlic and cook for 3 minutes. Add flour and cook 2 minutes, stirring constantly. Whisk in broth and half & half whisking constantly. Stir in broccoli, carrots, salt and pepper. Bring to a boil, reduce heat and simmer uncovered for 20 minutes. Add cheese, stirring until smooth.

FROSTED BANANA DROPS
 1 cup brown sugar
 1 cup butter
 1/2 cup very ripe mashed banana

2 teaspoons vanilla
 2 1/2 cups flour
 1/4 teaspoon salt
 3/4 cup chopped walnuts or pecans

Frosting:
 3/4 cup sugar
 1/4 cup butter
 1 1/4 cups powdered sugar
 1/2 teaspoon vanilla
 1 to 3 tablespoons milk

Heat oven to 350 degrees. In a bowl beat brown sugar and butter with mixer until fluffy. Beat in banana and vanilla until blended. On low speed beat in flour and salt until blended. Stir in walnuts. Drop dough by rounded teaspoonfuls 2 inches apart onto ungreased cookie sheets. Bake 9 to 14 minutes or until light golden brown. Immediately remove from sheets to cooling racks. Cool completely. For frosting, in a saucepan heat brown sugar and butter until sugar is dissolved. Cool slightly. Stir in powdered sugar, vanilla and enough milk until frosting is smooth and spreadable. Frost cookies. If frosting begins to thicken, stir in additional milk, 1 teaspoon at a time.

Sandy Hill, Eskridge:
CHEESY POTATO SOUP
 32-ounce bag frozen Southern-style diced hash brown potatoes, thawed
 1/2 cup frozen chopped onion (from a 12-oz. bag), thawed
 1 medium stalk celery, diced (1/2 cup)
 (2) 14-oz. cans chicken broth
 1 cup water
 3 tablespoons flour
 1 cup milk
 8-ounce bag shredded American-cheddar cheese blend (2 cups)

*1/4 cup real bacon pieces (from 2.8-ounce package)
 4 medium green onions, sliced (1/4 cup)
 *Can replace w/2 slices of bacon

In a 3- to 4-quart slow cooker, mix potatoes, onion, celery, broth and water. Cover and cook on low heat setting for 6 to 8 hours. In a small bowl mix flour into milk and stir into potato mixture. Increase heat setting to high. Cover and cook 20 to 30 minutes or until mixture thickens. Stir in cheese until melted. Garnish individual servings with bacon and green onions. Sprinkle with pepper if desired. Makes 6 servings.

Bake And Take Month Continues Tradition Of Sharing

MANHATTAN — The Kansas Wheat Commission is teaming up with the Stafford County Flour Mills Co. to promote Bake and Take Month in March. For 40 years, Bake and Take Month has been a great opportunity to celebrate relationships with friends and family by baking and sharing homemade goods with them.

Participants could receive a cash prize, courtesy of the Stafford County Flour Mills, by sharing stories of the Bake and Take experience with the Kansas Wheat Commission by April 16.

"Bake and Take Month has a long tradition in Kansas," said Reuel Foote, vice president and general manager of Stafford County Flour Mills. "Stafford County Flour Mills and Hudson Cream Flour also have enjoyed a long relationship with the bakers of Kansas. Through Kansas Wheat, we are pleased to be a part of this fine promotion."

Bake and Take Day began in 1970 as a community service project of the

Kansas Wheathearts in Summer County. The Kansas Wheathearts, an auxiliary organization of the Kansas Association of Wheat Growers, set out to share baked goods with family members, friends, neighbors, and those in need, generating goodwill in the community. The idea of a community member sharing a favorite recipe with someone special became so successful that the Kansas Wheathearts created a national Bake and Take Day celebration in 1973. Even though the Kansas Wheathearts disbanded in 2001, the tradition continues to be supported by KWC and KAWG.

Stafford County Flour Mills Co, located in Hudson, is one of the nation's largest independent flour mills. Specializing in flour for home bakers, the Stafford County Flour Mills produces several Hudson Cream Flour varieties and numerous other baking essentials. The company's products are available in

stores throughout Kansas, the Midwest and the Northeast.

To be eligible for the cash prizes sponsored by Stafford County Flour Mills Co., participants of Bake and Take month should visit www.kansaswheat.org and under the "Consumers" section, click on Bake and Take Month for a brochure and entry form. For a hard copy of the entry form, write to Kansas Wheat, 217 Southwind Place, Manhattan, KS 66503.

Contest participants should include the following information: name, organization (4-H club, FCE, church group, etc.), phone number, mailing address, and a note describing the Bake and Take activity. Entries must be postmarked by Friday, April 16, 2010.

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Homeground & Other Geographies by Tom Parker

The dirt on late-winter rural roads

I didn't notice it when I snapped the shutter on the former jail and sheriff's office in Washington County — the oldest such facility of its kind in Kansas — but when I developed the image in my digital darkroom there it was, a pale mountain of a snowdrift gleaming in the shadows. Ubiquitous to the Kansas landscape for our incessantly long and brutal winter, the deep drifts are now disappearing, leaving in their wake something equally treacherous to the backroads traveler: mud.

For one raised in the city, this is something of a novelty. However, novelties are novel for only so long. Eventually reality rears its ugly head and truth becomes evident: muddy roads are anything but novel. In fact, they're downright treacherous.

I read the other day that only one percent of the nation's roads are dirt. That makes rural Kansas something of a third world country in terms of roadways but then it's balanced by the lack of crime, the laid-back

pace of small-town life and the abiding sense of community. None of which can be said about metropolitan areas.

I also learned, or am in the process of learning, that the word "dirt" when used for rural Kansas roads is not altogether accurate, and when used in the wrong circles can elicit reactions that are as swift as they are vehement.

Why this is so escapes me. After several conversa-

tions where I inadvertently labeled greasy roads as "dirt," I was informed in no uncertain terms that the roads in question were gravel. The word was uttered with a sibilant hiss of disgust as if to underscore the speaker's disgust. Gravel, dirt, the delineation is slippery as far as I'm concerned. Gravel obviously denotes an underlying mixture of crushed stone, which in theory packs down to create a firm, or firmer, surface when wet. Dirt, I'm told, is a descriptive referring to roads that are hardpacked and solid only under certain conditions, primary being in temperatures far below freezing or during extended periods of drought. Otherwise, their solidity is ephemeral and illusory at best.

After almost a decade of

navigating rural backroads in northeast Kansas, I've familiarized myself with some of the best and some of the worst roads around. Experience being a merciless instructor, this has not been an altogether pleasant tutelage. In the process I've developed a loose theory — very loose — that purports to illuminate the geological conditions through which roads traverse that when the soil is saturated one should avoid at all costs.

These conditions include, but are not limited to, level places, places where the road skirts hillsides, bottomlands along streams or rivers, inclines bordering plum thickets, declinations bordering plum thickets, north-facing slopes, shadowed slopes, narrow valleys or any other geological for-

mation that doesn't include an eight-inch base layer of asphalt.

Admittedly, the list needs work. But it's a start and has served me well. I haven't been stuck yet.

Recently, my wife and I visited the site of an old one-room school near the town of Frankfort. The road — I hesitate to call it gravel or dirt for it's a mixture of both, composed mostly of slimy muck with the consistency of axle grease — crosses a river before skirting the same in flat wooded bottoms prone to flooding.

"It's going to be muddy," my wife warned.

Muddy? Once again rural vernacular proved the limitations of the English language. Just as dirt and gravel are nebulous concepts, mud is an inconsistent, contradictory and

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whimsical description. Part of the road was soft mud while others were overlaid with gravel that summarily sank into a liquid goo; one long stretch consisted of black ooze that threatened to swallow the truck, and another had a firm central stripe balanced between depthless sludge. And those, we were to learn, were the good parts.

Some argue that the road was gravel, others dirt. I'd call it mud, but that opens another can of linguistic worms, the difference between a dirt road and a mud road.

I suppose Eskimos argue over terms for snow and ice, too. Going back to my original theory about rural roads, I'd have to let the numbers speak for themselves. With over 90 percent of our roads unpaved, the distinction is easy. In northeast Kansas we have good roads and bad roads. Any differences are merely a matter of timing.

USDA seeking comments for final assessment on CRP

Adrian J. Polansky, state executive director of USDA's Farm Service Agency (FSA) in Kansas announced that USDA is accepting comments on the Final Environmental Assessment for the Conservation Reserve Program (CRP).

On September 26, 2006, a legal settlement was signed between the National Wildlife Federation and FSA that limited the frequency of haying on CRP lands to once every ten years and grazing to once every five years in Kansas; with a suspension of haying and grazing during the primary nesting season (April 15 to July 15). The settlement stipulated that if a change to the frequency of haying and grazing or the primary nesting season (PNS) dates is desired, then an Environmental Assessment would be prepared that identifies the potential environmental and socio-economic impacts of such a change. FSA proposes to change the allowable frequency of managed haying and grazing to once every three years on certain Conservation Reserve Program (CRP) lands in Kansas. FSA has determined that the alternative frequency will not have significant impacts on the quality of the human environment and therefore will not prepare an Environmental Impact

Statement. FSA is accepting comments on the Final Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) for a period of 30 days from March 1, 2010. A copy of these documents can be obtained at <http://public.geo-marine.com> or www.fsa.usda.gov/ks. Comments may be submitted online at <http://public.geo-marine.com>, emailed to kansasmhg@geo-marine.com or written comments sent to Kansas MHG EA, Geo-Marine Inc., 2713 Magruder Boulevard Suite D, Hampton, Virginia 23666.

Further information can be obtained from Matthew Ponish, phone 202-720-6853 or email Matthew.Ponish@wdc.usda.gov. CRP is a voluntary program that supports the implementation of long-term conservation measures designed to improve the quality of ground and surface waters, control soil ero-

sion, and enhance wildlife habitat on environmentally sensitive agricultural land. In return, CCC provides participants with rental payments and cost share assistance under contracts extending from 10 to 15 years. CRP is a CCC program administered by the FSA with the support of other federal and local agencies. Kansas currently has 2,778,824.9 acres enrolled on 45,464 CRP contracts.

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FINDING OF NO SIGNIFICANT IMPACT**

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RESERVE PROGRAM LANDS IN KANSAS**

The U.S. Department of Agriculture (USDA), Commodity Credit Corporation (CCC) announces the availability of a Final Environmental Assessment (EA) and issuance of a Finding of No Significant Impact (FONSI) for new managed haying and grazing provisions for some Conservation Reserve Program (CRP) lands in Kansas. Farm Service Agency (FSA) administers the CRP on behalf of the CCC. The Final EA assesses the potential environmental impacts associated with changing managed haying and grazing frequencies and the associated Primary Nesting Season (PNS) dates.

FSA has determined that their chosen alternative will not have significant impacts on the quality of the human environment and therefore will not prepare an Environmental Impact Statement (EIS). FSA is accepting comments on the Final EA and FONSI for a period of 30 days from March 1, 2010. Unless new, substantial issues or alternatives are identified, the new decision/FONSI will take effect after the close of the comment period.

A copy of the Final EA and FONSI can be obtained online at: <http://public.geo-marine.com>. Comments on the EA may be submitted online at <http://public.geo-marine.com>, emailed to kansasmhg@geo-marine.com or written comments sent to:

**Kansas MHG EA
Geo-marine Inc.
2713 Magruder Boulevard Suite D
Hampton, Virginia 23666**

FOR FURTHER INFORMATION CONTACT: Matthew Ponish, National Environmental Compliance Manager, USDA, FSA, CEPD, Stop 0513, 1400 Independence Ave, SW, Washington, DC 20250-0513, (202) 720-6853, or email: Matthew.Ponish@wdc.usda.gov.

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Riders of orphan trains came to Kansas

PITTSBURG (AP) — Between 1854 to 1929, orphan trains from New York transported over 300,000 destitute children from the city streets or orphan asylums to new homes in the Midwest.

Many of them came to Kansas, including four who lived with J.K. and Sarah Hiebert, Hillsboro, grandparents of Eileen Keller, Pittsburg. She discussed the orphan trains and shared family stories recently for a meeting of the Red Hat Toppers, a local chapter of the Red Hat Society.

She explained that many immigrants flooded into New York City during the 19th century, many of them fleeing poverty, famine, plagues or other harsh conditions in their homelands. Some families abandoned children, or gave them up when they were unable to provide for their welfare.

"Social workers tried to help them out, but many children were hungry and begging in the streets," Keller said.

Charles Loring Brace, founder and director of the Children's Aid Society, came up with the idea of transporting the children from the city. "He first thought of taking the children to Kansas to farms," Keller said. "It was said that a farm table always has room for one more child."

The railroads agreed to transport the children. "They

first rode in boxcars with chairs and bathrooms that had been rigged for the trip," Keller said. "Each child was given a little suitcase with a new outfit for them to wear when they got off the train."

Orphan trains stopped at scheduled locations, and youngsters, accompanied by a placing agent, were taken public buildings for viewing by prospective adoptive parents. The visits were usually advertising in advance.

Concordia was a frequent stop for the orphan trains, and Keller showed an old photo of the Brown Grand Opera House, where children were frequently shown.

"Some children wanted to sing, dance or perform so they would get adopted," she said. "And most of them did get adopted."

However, in some cases, placement was not permanent and birth parents wished to reclaim their children when they were financially able to care for them. That was the case with the four children taken in by the Hieberts.

"Most families who adopted children probably wanted to keep them," Keller said. "My grandfather had five children of his own my mother and her four brothers. I think he felt that these children needed a home for a little while, and he was willing to give them up."

She showed photos of Esther and John Olah, who came first. "He later took in Johnnie and Bessie Odishu, who were Syrian," Keller said. "I believe there had been a bad famine in Syria at that time."

In addition to the photos of these foster children, Keller showed a beautifully fashioned china baby doll, made in 1915, that had belonged to Bessie Odishu.

"Her father must have gotten this for her for the trip to Kansas, so she would have something to play with," Keller said. "I didn't know about this doll until the 1960s until my parents were getting ready to move. My mother said, This was Bessie's doll, and told me about it. Bessie left when she was 15 or 16 and was wanting to get married, so she left the doll."

She also showed a four-page letter that Bessie had written to her mother. "I found this in my mother's precious little white letter box," Keller said. "She asked about other family members and invited my mother to Pasadena, Calif., where Bessie was living."

She said that her mother didn't go to Pasadena, and may not have answered the letter.

Keller, a retired health worker, added that the National Orphan Train Complex has been established in Concordia. "Unless the family objects, I believe that would be a good home for Bessie's doll," she said.

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SUNDAY, MARCH 14 — 10:00 AM

Held at Beatty & Wischropp Auction Facility, Hwy. 31, East side of OSAGE CITY, KANSAS.

Modern oak pedestal dining table with 4 chairs; Samsung 14 in. and JVC 21 TV's; 3 La-Z-Boy rocker/recliners; matching dresser and chest; 2 antique clear glass vases; several liquor decanters; 17 modern to approx. 20 yr. old dolls; JD 4216D corn sheller, no crank; Huskee 20/46 L&G tractor; Snapper LT-12 L&G tractor, frt. blade only; JD L&G tractor with hyd. frt. blade and rear roto tiller; JD 1020G tractor, WFE, 3 pt., getting anti-freeze in crank case; aluminum 48 in. concrete float; Jazzy 1133 mobility cart; several hydraulic jacks; Lincoln welder, older model; Branick DLJ bumper jack; Hoosier cabinet top on stand, painted; solid body elec. guitar with amp; Estaban guitar, case and inst.

tapes; several fishing tackle boxes with contents; selection of fishing poles, reels and lures; White Flyer clay pigeons, 1930's, IOB; several hundred Mo-Skeet vintage clays, IOB; 10+ Aladdin or thermos bottles; several old pottery pitchers, cookie cutters; 100+ decks of cards, 40's to modern; Peanuts Schultz musical water globe; 3 Viewmasters and reels; 50+ vintage stuffed animals; hand blown art glass; china dinner sets; Depression glass; Ruby Red; Carnival; White Milk; Melamine, etc., etc.; large selection of screw drivers, hammers, wrenches, pliers, bits, chisels, gauges, sockets, etc., etc.; good assortment of older auto parts.

Preview: Friday, March 12, 5-7 PM.

NOTE: Very, very partial list, many items boxed or in storage, impossible to get accurate list. Great additions. Kansas sales tax applies. Auction begins 10:00 AM with misc. auto parts and shop items, approx. 11:00 AM second ring starts with fishing items, followed by collectibles. Tractors approx. 1:00 PM.

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U.S. beef markets getting boost from trade

The annual numbers for 2009 suggest that international trade is providing more price support for U.S. beef markets than may typically be recognized.

"This looks to be especially true for monthly values late in the year," said Derrell Peel, Oklahoma State University Cooperative Extension livestock marketing specialist. "It's an easily overlooked aspect given all the attention given domestic beef markets in the past year."

Beef exports in 2009 declined less than one percent from 2008, holding much firmer than many analysts expected given the global economic recession.

By contrast, broiler and pork exports

declined 2 percent and 12 percent, respectively. Pork exports in particular were severely affected by both the recession and negative perceptions surrounding the H1N1 flu outbreak.

"More importantly for 2010 is the strength in U.S. beef exports late in 2009," Peel said. "Monthly exports were up 27 percent and 25 percent in November and December, compared to year-earlier levels. No doubt beef exports were helped a weaker dollar late in the year, compared to earlier in 2009."

Mexico continues to be a major destination for U.S. beef, accounting for 30 percent of beef exports. Canada is second

with 19 percent of the total, with Japan holding down the third spot at 15 percent.

"By a slim margin, rapidly growing U.S. beef exports to Vietnam made it America's fourth-largest market with an 8 percent share, just ahead of South Korea," Peel said. "It's important to be aware that much of the beef shipped to Vietnam is subsequently shipped to China."

Total U.S. beef exports were equal to slightly more than 7 percent of total domestic production.

Peel points out that total U.S. beef imports were up 3.5 percent in 2009, as

compared to 2008 data. However, the current level is less than the previous 10-year average.

On a monthly basis, beef imports into the United States declined 18 percent in November and 31 percent in December, compared to the same months in 2008. Major importers include Canada, accounting for 31 percent of the total beef imports; Australia, 30 percent; New Zealand, 20 percent; and Brazil, 8 percent.

Total beef imports into the United States amounted to 10 percent of domestic production.

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The Picket Line

By Ralph Galeano

Standing Tied

Setting back off the road on a long stretch of desolate Highway 16 between Moorcroft and Osage, Wyoming, is a small log house with a set of corrals, a round pen and not much else. I passed that way several times a year going from my place in Montana to my brother's in South Dakota. There were always a string of four or five horses tied in those corrals just far enough apart to

stay out of each other's way. Some were saddled and some weren't. Every time I passed by, I would see horses tied the same way in the same corral. It was easy to presume a horse breaker lived on the place and was starting colts.

They were young horses and I figured that he or she was teaching kindergarten to the colts by leaving them tied for long periods. I was

still 150 miles from my destination with plenty of time on my hands and that scene always got my mind wandering in a place I liked it to wander. Training livestock.

It gave me time to contemplate breaking bad habits with livestock and how it can sometimes take a long time. That log house was home to someone who knew what

they were doing. He was giving the colts an early education in manners and at the same teaching them that patience is truly a virtue. If you're a horse and especially a young one, you probably think you're pretty hot stuff and ought to be able to do whatever you feel like doing. Standing tied for long periods can change your outlook after a 4 or 5 hour dose of being tied every day. That trainer was saving himself time and hassle by educating the youngsters that life has certain rules and the first one to learn when dealing with humans is to stand quiet when tied.

Most farmers and ranchers have lots of work to do between daylight and dark

and belligerent animals make the day longer. We like to cure the problem makers or get rid of them. Cattle are a different matter. It's not quite as easy as teaching a horse manners but it is a lot easier to haul them to town and see what the auctioneer can do for you. We had a cow that always came to the feed bunker on the fight. She cleared enough space in the bunker for four or five cows to feed. She wanted it all to herself and heaven help the animal who got too close. She used her horns to intimidate other cows from getting near her space and used up too much needed room in the feeder.

It didn't take long to solve her problem. We shuttled her into the corrals and squeeze chute and sawed her horns off. When she got back to the bunker, she bullied her way back to the trough and started swinging her hornless head. Nothing happened and the other cows kept their places. She tried swinging her head a few more times and when the other cows paid her no attention and kept feeding, a look of utter dismay appeared on her face. She was humiliated and absolutely flabbergasted that her bullying didn't work anymore. She quit her scare tactics and became the most docile cow on the place. No



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AUCTION

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more problems with that cow and peace returned to the feeder.

Young horses don't like to be tied and most times will fight the rope till they exhaust themselves or start pawing the ground digging a hole halfway to China before they give up and stand quiet. If they paw the ground, you can break them to hobbles in the round pen, then hobble and tie them to a post in the pen. It's best to watch them for a while until they learn to accept the hobbles and stop pawing. If you shoe your own horses, you'll wince when you watch a shod horse pawing the ground and maybe ruin your hard work by pulling a

shoe off with their impatience. Or, if you have a farrier do the work, it can be costly. Pawing is bad manners and standing tied with hobbles can help cure that problem saving you time, work or money.

I sent a talented horse to a trainer for some higher education in reining and stopping deep in the ground. When I went to see how he was doing, I found him tied high to a tree. The trainer told me he had trouble getting the horse's attention because he constantly whinnied and looked toward the other horses and wouldn't focus on his training so he tied him up for most of the day. The trainer said when

the horse stopped acting like a spoiled kid, he'd go back to schooling the horse so he would have the animal's full attention and his training would pay off. "Get rid of the bad manners and we'll get some work done," he said.

The old log house on Highway 16 stirs a lot of memories. I always enjoy passing the place and look forward to seeing if there are a new set of colts tied in the corral. If wood smoke is coming out the chimney of the cabin, I know the person inside is warm and snug while the colts outside are in the classroom learning Chapter 1 the easy way.

March 8-12 is Severe Weather Awareness Week

March 8-12 has been named Kansas Severe Weather Awareness Week and state climatologist Mary Knapp, along with K-State Research and Extension are encouraging Kansans to prepare for spring storms.

"When you hear 'severe weather' in Kansas, most thoughts turn to tornadoes," said Knapp, who is in charge of the state's Weather Data Library, based at Kansas State University. "Last year wasn't a record setting year, but there were still 103 tornadoes — well above the long-term average of 60 tornadoes per year." The earliest tornado occurred on March 7 in Reno County, she said, and the latest was on Aug. 2, in Haskell and Seward counties. June 15 was the most active day with 21 tornadoes. "The final June total of 46 tornadoes last year made it the fourth most active June on record," Knapp said. "Despite these numbers, no one in Kansas lost

their life and only six were injured by tornadoes this past year. This is a tribute to the excellent preparedness, organization and warning system in Kansas."

Knapp encourages all Kansans: "Do your part: Listen for weather alerts, have a safety plan and heed the warnings when issued. During the state-wide drill on March 9 at 1:30 p.m., take a moment and review your safety plans."

As a part of the Extension Disaster Education Network (EDEN), K-State Research and Extension is working to educate Kansans about emergency preparedness and disaster recovery.

More information about EDEN is available at <http://www.eden.ksu.edu> and Kansas EDEN at <http://www.kseden.ksu.edu>.

More information about emergency preparedness is available on the KDEM website: <http://www.accesskansas.org/kdem>.

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Light poles; Power mower; 30 landscape timbers; Rack of misc.

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13 rolls new barb wire; 4 rolls tractor rolled barb wire; 300 T-posts- 5 to 7 ft; 5 bundles fence staves; 60 hedge posts-some corners; 12-8 ft wood pressure treated posts; Metal gates 3-14 ft, 1-10 ft, 1-12 ft; Calf puller set; 6' stock tank; Big bale feeder, Mineral feeder; Wood & metal feed bunks; 20 sheets used tin-12 ft; 5 sheets tin-18 ft, new; Lumber-18-2" x 10" x 16"; 10 ft bridge planks.

ANTIQUÉ & COLLECTIBLE
2 iron wheels; JD metal hand corn sheller.

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MACHINERY

JD 4020 tractor, QR, WF, D, 2 hy boxes, radio, good rubber, 800 hours on full overhaul; 3 pt big bale carrier; EX flow-12 ft; Post hole digger-3 pt, 10"; Small tandem trailer.

SHOP & YARD

Lincoln 225 electric welder; Portable air compressor; Shop fan-4 ft 2 speed; 55 gal barrels-some w/lids; Gas chipper; 4



580 super K backhoe w/4 wheel drive extend-a-hoe, cab-air & heat; 1956 International 350 tractor-runs good, good tires, new paint; Ford 5000 tractor, 3 pt, WF, D; International 450 2 pt, WF, gas, duals; Ditch-witch R65 trencher; Gehl 3725 skid loader; International fast-hitch 2 row cultivator; Wilrich 21 ft fi eld cultivator; Haybuster, 15'; 8' harrow section; No-till drill w/fertilizer; RHS 3 pt



sprayer w/ hyd. folding booms & foam markers; 2-axle Bobcat trailer; Fast hitch rear blade; 200 gal diesel fuel tank on 2-wheel trailer w/ pump; 16 -John Deere suitcase weights w/30 or 40 series bracket; 2 to 3 pint fast-hitch; 8' slide-in stock rack for PU; 2-15.5 x 35 tires on rims; Misc. cylinders.

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railing-black; 2 rolls 16" plastic; Rolls of Triplex electric wire-new & used; Log chains; Chimney sweep; Black Jack foundation coating & roofing tar; Chimney clean out; 3 house basement jacks; 50' sewer tape; Air texture gun; Conduit bender; Drop clothes; New TV wire & fittings; 3 ft aluminum step ladder; ATM base w/lock; Shingle hoe; 2 Metal lawn chairs.

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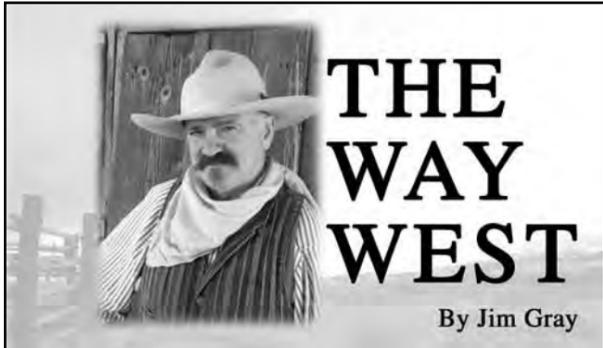
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THE WAY WEST

By Jim Gray

The Railroad Strike of 1878

Railroad development brought a cultural revolution to the plains of Kansas. Cities sprouted as if from nothing as railroads brought employment. But that employment was often seen as predatory as railroads made millions off of the backs of poor laborers. In 1878, engineers and firemen were targeted by the management of the Atchison,

Topeka & Santa Fe for a 10 per cent wage reduction. Engineers were already working for less than had been agreed upon a year earlier. Riots broke out in several locations as engineers and firemen walked off the job immediately.

"Turmoil reigned, especially in Emporia and Topeka. Insults, beatings, rock throwing, and the display of pistols marked the

following three days of disorder in both towns."

The day after the walk-out C. F. Morse, general superintendent of the Santa Fe Railroad in Topeka, requested help from Kansas Governor Anthony, "There is a large mob about our depot, threatening violence. I have called on the sheriff, and he is trying to raise a posse, but we may need help from the state." As the Shawnee County Sheriff and deputies escorted a train out of town the sheriff was hit with a stone, putting him out of action. Miners from Osage City offered to join the striking railroad men, but were refused for fear of escalating the violence.

Topeka was a metropolitan city of 9,000 citizens displaying ample class division. The "better elements" held no sympathy for the working conditions that led to the strike.

Newspapers and civil leaders alike opposed work stoppage as citizens actually formed two militia units to help get the trains moving. As Captain of one of the militia units, C. F. Morse drilled his men on the grounds of the state capitol. Notices were posted on railroad property that men would be fired if they did not return to work. At Governor Anthony's insistence, troops from Leavenworth and Independence were ordered to Topeka.

Emporia, with a population of 3,000 people, took an opposite view of the strike. Merchants, town leaders and politicians recognized that their own interests were tied to the common man. The strikers were allowed to present their grievances to the public at a special meeting held in the Lyon County Courthouse. Emporia officials acted much more cautiously toward the strike than did those in Topeka. The Santa Fe's District Supervisor J. D.

Gunn called on the U. S. marshal for help. The marshal responded by saying that his only responsibility was to insure that the mail was delivered. Strikers laid siege to the Emporia roundhouse and depot as supervisors began removing engines from the building. Once outside, the strikers "... brandishing pistols, took possession of the locomotives, quenched their fires and drained their boilers. They also ran some of the engines off the track, drained



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TOOLS & MISCELLANEOUS

Angus Genetic Alliance

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New Dates: March 12 & 13, 2010 • View Bulls: 10:30 AM - 4:00 PM
Selection Start: 11:30 AM • At the Ranch near Holton, Kansas

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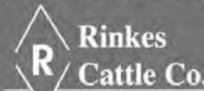
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the water tanks, and damaged the facility's water-well pump."

The Governor ordered troops to Emporia but failed to notify Lyon County Sheriff Connor of his decision until only a few hours before the troops arrived. The sheriff was enraged. By the time troops arrived in Emporia, trains were already moving unmolested. "The militia are coming, was on the lips of every man, woman and child yet met." A local newspaper observed that townspeople gathered "to see the monsters as they . . . sw[is]tling their muskets fore and aft . . . using big cusswords, and charged an old lady's clothesline and left it bare."

The inexperienced troops tragically fired on

and killed Reverend O. J. Shannon, pastor of the Congregational Church in the only death attributed to the strike. Governor Anthony was politically embarrassed and expressed deep regrets over the occurrence. He immediately ordered his troops to leave Emporia. The departure of Anthony's militia bought to a close the Great Railroad Strike of 1878 and the end of another chapter along The Way West.

"The Cowboy," Jim Gray is author of *Desperate Seed: Ellsworth Kansas on the Violent Frontier* and also publishes *Kansas Cowboy, Old West history from a Kansas perspective*.

Contact *Kansas Cowboy*, Box 62, Ellsworth, KS 67439. Phone 785-472-4703 or www.droversmercantile.com ©2010



Barb Downey, left, visited with ABS representatives Sandra Utter and Lorna Marshall at the Lyons Ranch Production sale held last week outside of Manhattan.

(photo by Beth Gaines-Riffel)

Soybean Commission schedules meeting

The Kansas Soybean Commission has scheduled a meeting for Thursday, March 18, 2010. The meeting will be held at the Kansas Soybean Commission office at 1000 SW Red Oaks Place in Topeka and will begin at 8:00 a.m.

The Soybean Commission will discuss current and future research, mar-

ket development, and education programs as well as other administrative items.

A complete agenda can be obtained by contacting Administrator Kenlon Johannes at (785) 271-1040.

The Kansas Soybean Commission, along with the United Soybean Board, administers the national soybean checkoff program.

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March 9 — 20th annual production Angus & Gelbvieh bull sale at near Phillipsburg for Spring Valley LTD.
 March 10 — Annual Angus bulls, females & embryos production sale at Kingman for Stucky Ranch.
 March 10 — Tractors, trucks & vehicles, trailers, farm equip., harvest & haying equip., pivots, motor-graders, forklifts, livestock equip. online only (www.bigiron.com). Auctioneers: Stock Auction Co.
 March 12 — Angus Choice bull sale at Olsburg for Good Farms Angus.
 March 12 & 13 — Angus Genetic Alliance Open House private treaty bull sale at Holton for Rinkes Cattle Co.
 March 13 — 24th annual Concordia Optimist Club consignment sale at Concordia.
 March 13 — Harley Gerdes consignment auction at Lyndon.
 March 13 — Jewell Co. real estate at Formoso for Taylor & Edna Ruth Clark Estates. Auctioneers: Larry Lagasse Auction & Real Estate.
 March 13 — Farm machin-

ery & livestock equipment N. of Wamego for Wayne & Margaret L. Bairow. Auctioneers: Cline Realty & Auction.
 March 13 — Tractors, combine, headers & grain cart, trucks, pickups, trailers, planter, drill & farm equip. at Burdett for Double 05 Ranch. Auctioneers: Carr Auction & Real Estate, Inc.
 March 13 — 11th annual Gelbvieh & Balancer yearling bulls at Belleville for Rippe Gelbvieh Bull Sale.
 March 13 — Berm home at Holton for Elizabeth Klahr Estate. Auctioneers: Branam's Real Estate & Auctions.
 March 13 — Angus bull & female sale at Maple Hill for Mill Brae Ranch.
 March 13 — Wilson Co. land at Fredonia. Auctioneers: Larry Marshall Auction & Realty.
 March 13 — Tractors, loader, combine, headers, machinery & equip., trucks & trailers, antique trucks, livestock, mower, bins, augers & misc. at Hillsboro for Bill & Janet Hein. Auctioneers: Leppke Realty & Auction.
 March 13 — Tractors, trucks

& farm machinery & farm related items E. of Heston for Nelson E. Dreier Trust. Auctioneers: Van Schmidt Auction.
 March 13 — Gun, knife & ammo at Douglass. Auctioneers: Swenson Real Estate & Auctions.
 March 13 — Antique furniture & glassware, Lowell Davis figurines, jewelry, crocks, Wolfgang Puck kitchen appliances, other antiques & collectibles at Abilene for Norma Rufener Estate & others. Auctioneers: Reynolds, Mugler & Geist.
 March 13 — Furniture, appliances, glassware, collectibles, tools & misc. at Junction City for Dave & Laura Gross & Others. Auctioneers: Brown Real Estate & Auction Service, LLC.
 March 13 — Machinery, shop & yard, livestock, fencing & building, antique & collectible, electrical & building supplies at Horton for Earl, Sr. & Debbie Selle, Gary Bortorf & neighbor. Auctioneers: Howard Auction Service.
 March 13 — Contents of

convenience store & household at Assaria for KDOR Seizure. Auctioneers: United Country Midwest eServices, Inc., Eric Blomquist.
 March 14 — Annual Angus production sale at Westmoreland for R&L Angus, Ron & Lynne Hinrichsen.
 March 14 — Real estate, antique items, glassware & collectibles, furniture & appliances, lawn, garden & misc., car & guns at Havensville for Kathleen M. Flaherty Estate. Auctioneers: Cline Realty & Auction.
 March 14 — NASCAR collection, Barbie doll collection at Manhattan for Private Collector. Auctioneers: Gannon Real Estate & Auctions.
 March 14 — Furniture, antiques & collectibles, mobility cart, glassware & tools at Osage City for 5 local sellers. Auctioneers: Beatty & Wischropp Auctions-Elston Auctions.
 March 15 — Simmental, Angus, Sim-Angus, Sim-Maine bull sale at Wamego for Gold Bullion Simmental & Angus.
 March 15 — Washington Co. native grass at Washington for John & Gayle Kuchera. Auctioneers: Raymond Bott Realty & Auction.
 March 15 — Car, tractor, tools, furniture, antiques

& collectibles at Manhattan for Local Estates. Auctioneers: Gannon Real Estate & Auctions.
 March 16 — Wabaunsee Co. land at Eskridge for Charles & Elizabeth McCarter. Auctioneers: The Realty Associates, Mark Uhlik, auctioneer.
 March 16 — Angus Optimum Performance bull sale at Cottonwood Falls for Hinkson Angus Ranch.
 March 17 — Real Estate S. of Scandia for Nesika Energy. Auctioneers: Larry Lagasse Auction & Real Estate.
 March 17 — Real estate at Winfield for former Gordon Piatt Manufacturing plant. Auctioneers: Kull Auction.
 March 17 — Greenwood Co. land at Hamilton for Elizabeth Stitt Farm, LLC. Auctioneers: Platt Auction Co., LLC.
 March 17 — Barber County land at Pratt. Auctioneers: Hamm Auction & Real Estate.
 March 17 — March 17 (bidding starts to close) — Ag equipment online only (www.purplewave.com) for Raysco Farms. Auctioneers: Purple Wave Auctions.
 March 18 — 21st annual bull production sale W. of Mankato for Benoit Angus.
 March 18 — Montgomery Co. real estate & machin-

ery at Neodesha for Julius Schmidt Estate & Lois Schmidt. Auctioneers: Ken Patterson Auction.
 March 18 — Lyon C. real estate at Emporia for Carl Wilmore Estate. Auctioneers: John Flott.
 March 19 — 9th annual Bull & Female sale at Manhattan for BJ Angus Genetics Production Sale.
 March 19 — 14th annual Angus, Simmental & Sim-Angus genetics bull sale at Maple Hill for Sunflower Genetics.
 March 20 — Real estate, JD A, team of horses, buggy, toy tractors, antiques & misc. S. of Clay Center for Arlond B. Miller Estate. Auctioneers: Clay County Real Estate, Greg Kretz & Gail Hauserman, salesmen & auctioneers.
 March 20 — 31st annual Angus bull & female production sale at Zenda for Molitor Angus Ranch.
 March 20 — Consignments at Belleville for Belleville High Banks Hall of Fame. Auctioneers: Novak Brothers & Gieber.
 March 20 — Hereford bulls & females 63rd annual Select Sale at Manhattan for Northeast Kansas Hereford Assn.
 March 20 — Franklin Co. real estate at Princeton for Elmer Stumpff Estate. Auctioneers: Gannon Real Estate & Auctions.

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Mill Brae In Focus 9038	Mill Brae Protege 9100	Mill Brae Final Answer 9261																								
Sire: Mytty In Focus MGS: SAV 8180 Traveler 004 BW: 78 Adj. WW: 670 Adj. YW: 1233	Sire: GAR-EGL Protege MGS: Morgans Direction BW: 79 Adj. WW: 785 Adj. YW: 1439	Sire: SAV Final Answer MGS: SAF Fame BW: 84 Adj. WW: 713 Adj. YW: 1254																								
<table border="1"><tr><th>BW</th><th>WW</th><th>YW</th><th>Milk</th></tr><tr><td>+1.6</td><td>+58</td><td>+101</td><td>+22</td></tr></table>	BW	WW	YW	Milk	+1.6	+58	+101	+22	<table border="1"><tr><th>BW</th><th>WW</th><th>YW</th><th>Milk</th></tr><tr><td>+1.8</td><td>+66</td><td>+108</td><td>+30</td></tr></table>	BW	WW	YW	Milk	+1.8	+66	+108	+30	<table border="1"><tr><th>BW</th><th>WW</th><th>YW</th><th>Milk</th></tr><tr><td>+6</td><td>+61</td><td>+98</td><td>+17</td></tr></table>	BW	WW	YW	Milk	+6	+61	+98	+17
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Mill Brae In Focus 9071	Mill Brae Protege 9013	Mill Brae Pro Joanie 9103																								
Sire: Mytty In Focus MGS: Connealy Freightliner BW: 72 Adj. WW: 658 Adj. YW: 1346	Sire: GAR-EGL Protege MGS: Mytty In Focus BW: 68 Adj. WW: 748 Adj. YW: 1361	Sire: GAR-EGL Protege MGS: Connealy Freightliner BW: 60 Adj. WW: 603 Adj. YW: 1001																								
<table border="1"><tr><th>BW</th><th>WW</th><th>YW</th><th>Milk</th></tr><tr><td>-.5</td><td>+52</td><td>+101</td><td>+25</td></tr></table>	BW	WW	YW	Milk	-.5	+52	+101	+25	<table border="1"><tr><th>BW</th><th>WW</th><th>YW</th><th>Milk</th></tr><tr><td>-.2</td><td>+62</td><td>+104</td><td>+25</td></tr></table>	BW	WW	YW	Milk	-.2	+62	+104	+25	<table border="1"><tr><th>BW</th><th>WW</th><th>YW</th><th>Milk</th></tr><tr><td>-.5</td><td>+58</td><td>+103</td><td>+18</td></tr></table>	BW	WW	YW	Milk	-.5	+58	+103	+18
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Mark Nikkel, Managing Partner
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 Maple Hill, KS 66507
 (785) 256-4327 / (785) 256-3072 cell
millbrae@fhrd.net

March 20 — Furniture, primitives & collectibles at Salina for a private collector. Auctioneers: Thummel Real Estate & Auction, LLC.

March 20 — Tractors, combine, machinery, vehicles, race car, campers, boat, lawn equip., tools, household, antiques, collectibles & misc. at Belleville for Belleville High Banks Hall of Fame & Museum. Auctioneers: Novak Bros. & Gieber.

March 20 — Farm machinery, vehicles, hunting, fishing, guns & tools at Admire for Estate of Robert "Gene" Moran, Mrs. Norma Moran. Auctioneers: Beatty & Wsichropp Auctions.

March 21 — Farm machinery & livestock equipment E. of Olsburg for Donnie Woodward. Auctioneers: Cline Realty & Auction.

March 21 — 13th annual Performance-Tested Angus bull & female sale at St. Joseph, MO for April Valley Farms.

March 21 — Truck, tools, collectibles & jewelry at Lawrence. Auctioneers: Elston Auction Company.

March 22 — Horned Herefords, black Angus & Quarter Horse sale at Dwight for Oleen Brothers.

March 22 — Annual bull sale at Belleville for Runft Charolais.

March 22 — Annual Angus bull & female sale at Salina for Don Johnson.

March 22 — Barber Co. land at Medicine Lodge. Auctioneers: United Country/Nixon Auction & Realty Inc.

March 22 — Barber County

land at Medicine Lodge. Auctioneers: Hamm Auction & Real Estate.

March 23 — Brangus & Angus bull sale at Eureka for Genetrust/Suhn Cattle Co.

March 23 — Greenwood Co. land at Eureka. Auctioneers: Sundgren Realty.

March 23 — Washington Co. land at Randolph for Mike Blaske. Auctioneers: Gannon Real Estate & Auctions.

March 24 — Washington Co. land at Greenleaf. Auctioneers: Farmers National Company.

March 24 — Butler Co. land at El Dorado. Auctioneers: Sundgren Realty.

March 25 — Red Angus bulls & heifers near Elmdale for Mushrush-Beckton Red Angus.

March 25 — Marion Co. land at Carlton. Auctioneers: Farmers National Co.

March 26 — Spring machinery auction at Clay Center. Auctioneers: Mugler Auction Service.

March 27 — Annual Angus bull sale & spring calving cowherd dispersal W. of Topeka for Mission Valley Ranch.

March 27 — Farm equipment at Blue Rapids for Bill Hula Estate. Auctioneers: Joe Horigan Auctions.

March 27 — Farm equipment & related items at Junction City for Hartman Consignment Sale. Auctioneers: Brown Real Estate & Auction Service, LLC.

March 27 — Farm equipment at Junction City for Hartman Consignment Auction. Auctioneers: Brown Auction Service.

March 27 — Consignments

at Lawrence for Galen Douglass Memorial Consignments. Auctioneer: Dale Douglass.

March 27 — Royal Purple Show Pig Sale at Burlington.

March 27 — Farm machinery E. of Agenda for Clair & Donna Trimble. Auctioneers: Thummel Real Estate & Auction, LLC.

March 27 — 11th annual open house & private treaty bull sale at Leavenworth for New Haven Angus.

March 27 — Furniture, antiques, tools, pickup & misc. at Concordia for Glee Larson & Melvin Blochlinger Estate. Auctioneers: Larry Lagasse Auction & Real Estate.

March 28 — Wethers & doelings S. of Ford for CLCC Show Goats. Auctioneer: Lonnie Ruff.

March 30 — Ottawa & Cloud Co. land at Miltonvale & Concordia for Gladys Heald Living Trust. Auctioneers: Thummel Real Estate & Auction, LLC.

April 2 — Club pig sale at Iola for Jeff & Carla Nemeck.

April 2 — Prospect pig & goat sale at Abilene for Wuthnow Family Show Pigs, Garten Boer Goats. Auctioneer: Craig Heinzen.

April 3 — Surrey, box wagon, harness, tractor, trailer & tools S. of Coun-

cil Grove for Don Cress. Auctioneers: Hallgren Real Estate & Auctions, LLC.

April 3 — Club pig sale at Iola for Allen County Community College Farm.

April 3 — Pig, lamb & goat prospects for 4H/FFA at Lyons for Central Kansas Purple Ribbon. Auctioneers: Hollinger Auction & Triple K Auction.

April 3 — Gelbvieh production sale at Canton for Circle S Gelbvieh, John & Carla Shearer.

April 3 — Harvest equipment at Pratt for Bob Ogle. Auctioneers: Hamm Auction & Real Estate.

April 10 — Tractor, machinery & tools NE of Blue Rapids for Richard & Loretta Petr. Auctioneers: Olmsted & Sandstrom.

April 10 — Farm machinery & black Angus stock cows at Seneca for Bill & Darlene Kuhlman. Auctioneers: Hartter Auction Service.

April 10 — Farm machinery at Isabel for Paul Hageman. Auctioneers: Hamm Auction & Real Estate.

April 16 — Tractor & machinery at Oketo for Glenn & Marjorie Potts. Auctioneers: Olmsted & Sandstrom.

April 17 — Tractors, trailers, cattle handling equipment at Paxico for

A.B. Hudson Estate. Auctioneers: Murray Auction & Realty, Steve Murray, auctioneer.

April 17 — Farm machinery at Pratt for Larry Honeiman. Auctioneers: Hamm Auction & Real Estate.

April 17 — Farm machinery consignments at Carlton. Auctioneers: Mugler Auction Service, Dean Hanson, manager.

April 24 — Registered & commercial Brangus female sale at Jacksonville, TX for Genetrust/ Cavender's Neches River Ranch.

May 14, 15 & 16 — Show Case collectibles, glassware, crocks, primitives, old furniture, antiques & collectibles at Kirwin for the Cheryl M. Rader Estate. Auctioneers: Ashley's Auction Service.

May 22 — Angus female sale at Randolph for Fink Beef Genetics.

May 22 & 23 — Household,

furniture, tools, antiques & collectibles & newer items at Kirwin for the Cheryl M. Rader Estate. Auctioneers: Ashley's Auction Service.

May 31 — 17th annual Harley Gerdes Memorial Day consignment auction at Lyndon.

August 7 — Harley Gerdes consignment auction at Lyndon.

August 14 — Charolais female sale at Randolph for Fink Beef Genetics.

September 6 — 15th annual Harley Gerdes Labor Day consignment auction at Lyndon.

October 27 — Angus & Charolais bull sale at Randolph for Fink Beef Genetics.

November 6 — Harley Gerdes consignment auction at Lyndon.

January 1, 2011 — 26th annual Harley Gerdes New Year's Day consignment auction at Lyndon.



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REAL ESTATE AUCTION
THURSDAY, MARCH 18 — 7:00 PM
Sale held at Best Western, 3021 W. Hwy. 50, Flint Hills Room
EMPORIA, KANSAS
BLUESTEM GRASS, GREAT HUNTING
424 ACRES - 3 TRACTS LYON COUNTY
TRACT #1 - 160 ACRES
Property consists of approx. 23 acres cropland in small fields, 135 acres of bluestem grass with one pond. Bluestem grass has been mowed for hay the last few years. A lot of wildlife, with great hunting.
TRACT #2 - 144 ACRES
144 acres of Bluestem pasture, could be a good building site.
TRACT #3 - 120 ACRES M/L
120 acres of Bluestem pasture with one small pond.
See February 23rd Grass & Grain for complete details.
In order to obtain further information or make arrangements to view the property please contact the selling agent.
CARL WILMORE ESTATE
Website for sale available at:
www.farmandhomecompanies.com
AUCTIONEER: JOHN FLOTT
Cell: 620-340-3920 • Eve: 620-342-5034
Agent for Seller, Farm & Home Real Estate

AUCTION
SUNDAY, MARCH 21 — 10:00 AM
2110 Harper DG. Fairgrounds
LAWRENCE, KANSAS
1996 Dodge Dakota Sport truck extra cab, 5 sp.; Lake Runner Enterprise 16 ft. canoe; hydraulic 12 ton pipe bender (new); 3 1/2 ton floor jack; radial arm-saw; chainsaw; shop vac.; squirrel cage fans; metal shelves; 50+ 6 ft. steel posts; 75+ 8 ft. perforated tin sheets; dimensional lumber: plywood, 2x4, 1x4; Coleman shop furnace; Daisy 840 pellet guns; marble slabs; Maple bedroom suite; square dining table; glass store display case; Red Jacket pitcher pump; several silver dollars; German dolls; hunting & pocket knives; Zippo lighters; belt buckles; K.U. items; 30,000 1980/90's baseball cards; large collection of jewelry: turquoise, broaches, necklaces, watches; hand & garden tools; many items too numerous to mention/highlights listed only & many surprises!!
CONSIGNED BY BALDWIN FEED & BALDWIN GOLF COURSE:
1900's Peoples State Bank of Wellsville Kansas 3ft. x 4ft. cannonball Manganese Steel Safe (on wheels, RARE!!); vintage QuiKold 7-UP cooler machine; 2 Vendo 50 cent bottle Coke machines; Pepsi can machine; 2 platform Fairbanks scales w/weights; larger platform Fairbanks scales; 10,000 lb Fairbanks Printomatic weigher scales; small dump cart scale; vintage egg door (RARE!!)
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Passaic, Missouri
55 miles South of Kansas City on Hwy. 71, 5 miles North of Butler, Missouri
SATURDAY, MARCH 13, 2010
Catalogue Cattle Sell At 10 A.M.
Ropers Sell Following Comm. Cows
Registered Commercial Longhorn Crosses
Longhorns Longhorns Fresh Ropers
Used Roping Stock Longhorn Novelties
*Registered will sell as commercial unless entered in catalogue.
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MO KAN LIVESTOCK MARKET
Sale Headquarters: Days Inn, Phone 660-679-4544 (Ask for Longhorn Sale Rates)

ESTATE AUCTION
SATURDAY, MARCH 20 — 9:00 AM
CLAY CENTER KANSAS
Directions: Due to death we will sell the following items at public auction at the farm located from CLAY CENTER, KANSAS 14 miles South on Highway 15 to 4th Rd. (Longford Rd.) then 2 miles West to Limes.
REAL ESTATE - Sells at 12:30 P.M.
Open house Sun. March 14th from 1:00 to 4:00
FARM MACHINERY - approximately 1:30: 1952 JD A tractor, B Allis tractor, stock trailer, sm. rd. baler, sickle mower; buzz saw, 1X16 plow, lister, loader, pull type plow, sickle mower.
HORSES AND RELATED ITEMS - 1:15: 4 head of horses, doctor's buggy, surrey, harness, saddle.
VEHICLES, MOWER, TILLER - 1:00: 1989 Dodge Ram 2WD pickup, riding mower.
TOOLS AND FARM RELATED ITEMS - Sell first. FURN., ANTIQUES, TOYS, MISC. - mid to late AM: Antique Furniture: Other furniture: Primitives: License plate collection, Crocks and misc., Toys. The following items will be sold for Dianne Varney of rural Longford immediately following the Miller auction. For information call Larry or Dianne at (785) 479-7555: 4010 diesel tractor, self propelled diesel swather, big round baler, wire tie baler, side delivery rake; pull type sprayer, grain drill, box blade; rotary mower; post hole digger, 24ft. goose-neck flatbed trailer, hay rack, bale feeder, bunks, lawn tractor, chain saw.
See Grass & Grain March 2 or March 16 for complete details & listing.
NOTE: 30 days for removal. Loader tractor available. Hope to be on Varney items around 2:15 and all done by 4:00. Google kretzauctions.com for pictures. **TERMS:** Cash or good check day of sale. Not responsible for accidents. **LUNCH:** Mizpah UMW
CLERK: Roy Harris c/o Union State Bank, 701 5th St., Clay Center, Ks. 67432
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FARM EQUIPMENT AUCTION
SATURDAY, MARCH 13 — 10:00 AM
LOCATION: BURDETT, KS—NORTH SIDE OF HWY 156
TRACTORS: 1994 Versatile 9480, 300HP, 6625 Hrs.; 1994 JD 4560; 1993 JD 4960; 1970 JD 4520 w/91 JD 158 Ldr.; Case 800 LP; 1948 Ferguson TE 20 w/Skyline Ldr. & Back Blade. **COMBINE, HEADERS & GRAIN CART:** 2000 JD 9650 STS Combine, 2294/1660 Hrs., Duals 20.8x42, Spreader, Reel Speed, Fore & Aft, Sells w/2000 JD 930 Rigid Hdr.; 1992 JD 843 8 Row Cornhead, New Stalk Rolls; 1996 JD 925 Flex Head; 1993 Fickin 500-Bu. Grain Cart. **TRUCKS, PICKUPS AND TRAILERS:** 1990 Peterbilt Semi 60 Series Detroit 15-Sp., 24.5 Rubber, 60" Sleeper, 800,000 Mi.; 1994 Wilson 42' Grain Trailer, Tarp; 1979 Ford L-9000 Tandem Grain Truck w/22' Knapheide Bed & Lift, 299 Cummins 13-Sp. AC, Twin Screw, Set for Hyd. Drill Fill Auger; 1990 Chevy 1/2-T Classic 4x4 Ext. Cab, 350, 83,000 Mi.; 1999 Chevy 3/4-T Silverado 4x4 Pickup, Ext. Cab, 6.0L, 178,000 Mi.; 1982 Chevy 3/4-T 4x4, 350 w/4-Sp.; 330 Gal. Fuel Tank & Trailer; 1988 All Steel 18' Car Trailer. **PLANTER, DRILL & FARM EQPT.:** 2003 JD 455 Grain Drill, 35', Select Lift, New Blades 2000 AC. Ago; 1998 JD 1700 8-Row Planter, 30", 3-Pt., Furrowers + No Till Trash Wheels w/Coulters w/Monitor; 2006 Bestway 1200-Gal., 80' Sprayer, New, Raven Monitors; 2008 Outback GPS S3 with Auto Steer Mapping & Auto Mate Boom Control; 2007 Nurse Tank, Duolift, 1200-Ga.; JD 630 Disc, 30', New Blades in 2008, Harrows; 2001 Quinstar 42' Fallowmaster III, Pickers; JD 1518 15' Mower; Bushhog 23' Disc; 1988 Sunflower 34' Field Cultivator; Noble 5x6 w/Pickers; 1988 John Blue 8-Row Tool Bar, 30'; Westfield 60x10 Grain Auger; JD 1450 7-Bottom Plow; JD 6-Bottom Plow; (2) St. John Speed Movers; Hawkins 8-Row Tool Bar; Krause 18' Chisel; JD 400 Rotary Hoe; Back Blade; Big Ox 9-Shank Ripper; Eversman 650 Dirt Scraper. **Small Amount of SHOP EQPT. & MISC.**
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ON THE EDGE OF COMMON SENSE

Cowboy Ingenuity

Cowboys are nothing if not ingenious. It takes that sort of out-of-the-box mentality to allow them to solve the myriad of problems that arise when you combine horse, cow and rope! In the northeastern Montana country, Jim and Norvell (aliases) were backtracking one fall after the gather. By noon they cut the fresh sign of a bull.

A good cowboy can distinguish bull tracks. It's like comparing an elephant's foot to a crow's foot. They spotted him out in the open and eased up on him. He was a short-tempered, hostile, territorial, man-eating ruler of the range. Sometimes driving a bull toward civilization is like pushing a bale of straw through a net wire fence! The farther our cowboys went zig-zagging from juniper copse to rocky ridge to slippery cut bank, the madder he got!

In a move worthy of a military strategist, the bull dove into a wash thick with choke cherries, box elder and buffalo berries ... and disappeared! Our brave cowboys dove in after him as the brush tore at their down jackets and slashed their faces. After ten minutes of following the bull through this Montana version of a corn maze, they regrouped.

Had they been army soldiers they would have called in an air strike but ... using their cunning, they decided to build a trap. In one narrow cow tunnel they draped a loop across the path and tied the standing end of the rope to a box elder trunk. Eureka! On the first pass through the trap they caught him! Then a second rope was put around his neck and tied to a trunk 15 feet farther down the trail. The first loop was then untied and leap frogged past the second. Five more jumps brought the bull within sight of the clearing

where our imaginative vaqueros intended to back the trailer and load him.

Jim, now afoot, managed to loop the bull's head for the last leap-frog. By now the bull was frothing, breathing like a steam engine and wild-eyed. Jim dropped to his hands and knees scuttling toward the final tying spot when he

heard the bull bellow, the sound of thundering hooves, and branches breaking! The earth trembled. Jim didn't look back.

The impact put him in orbit! He was catapulted from the thicket like a monkey shot out of a cannon! To his everlasting good fortune, just as the bull's poll hit Jim's hip pocket, the rope came tight! The bull crashed and flipped. Jim hit the ground minus one boot and the left sleeve of his jacket. His hat was down over his ears.

Not exactly out of the Beef Quality Assurance manual for handling cattle. Although I'd like to see it included ... fully illustrated!

Assessing antibiotic breakdown in manure

Agricultural Research Service (ARS) scientist Scott Yates is studying how oxytetracycline (OTC), an antibiotic that is administered to animals, breaks down in cattle manure.

Livestock producers in the U.S. often use antibiotics to control disease in their animals, and confined U.S. livestock and poultry generate about 63.8 million tons of manure every year. The drugs are often only partially absorbed by the digestive tract, and the rest are excreted with their pharmaceutical activity intact. Yates, who works at the ARS Contaminant Fate and Transport Research Unit in

Riverside, Calif., found that in controlled lab conditions, OTC in cattle manure was degraded more quickly as temperatures increased and as moisture content in the manure increased.

But the OTC breakdown slowed as water saturation levels neared 100 percent. Yates concluded that this slowdown resulted when oxygen levels were not high enough to fuel the OTC biodegradation. Yates also noted that OTC breaks down more quickly in manure than in soil. Compared to soil, manure has higher levels of organic material and moisture, which support the microorganisms that break

down this pharmaceutical. This research may be useful in designing studies that evaluate the potential effects of lagoons, holding ponds and manure pits on bacteria and antimicrobial resistance.

Livestock producers also might use the results from this study to maximize the breakdown of organic materials and potential antibiotics in manure by designing storage environments with optimum temperatures and moisture levels.

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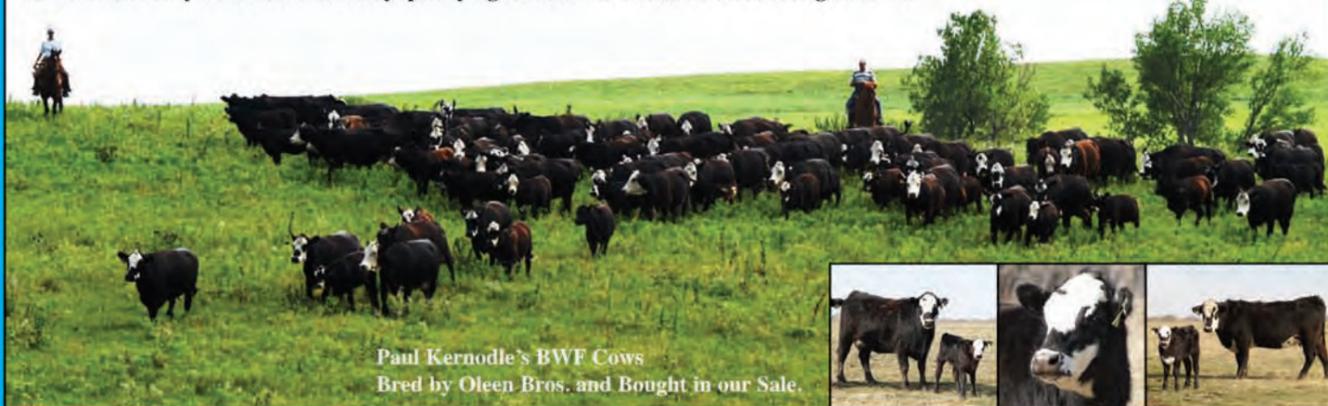
Sale: March 22, 2010

- 12:00 Noon March 22, 2010
- 60 - Fall Yr. Black Angus Bulls
 - 50 - Fall Yr. Horned Hereford Bulls
 - 75 - F1 Black Baldies w/calves
 - 20 - Hereford Heifers w/calves
 - 20 - Angus Heifers w/calves
 - 85 - Fall Bred Heifers (AN, HH, BWF)
 - 8 - Started Young FQHA Horses
 - 22 - FQHA Yearling Colts
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 contact Tami McIntosh 308-870-3661

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