Dry years present conservation challenges

By Fred Wedel

District Conservationist Sherman County Another year has flown by. Many Sherman County residents are probably glad that 2002 is behind us.

Because 2002 was so very hot, windy and dry, Sherman County resources suffered. As the Sherman County Conservation District prepares for its 59th annual meeting, I want to share my thoughts with you. This year presents challenges and opportunities as drought recovery begins.

Change is all around us. Uncertainty about the future is always present. The U.S. economy has ups and downs. The World political climate is unsettled. It has been said of the early pioneers to Sherman County, "They Came to Stay." Now we must say, "I Am Here to Stay," and then determine how staying is possible.

You say, where are the opportunities? I will name a few. Many political, social and economic circumstances seem beyond our control. Weather and climate are beyond control. However the management decisions and operation of a farm or ranch can be controlled. The management and wise use of soil, water, air, plants and animals can be controlled. Let me illustrate. Even though 2003 precipitation is an unknown, we know subsoil moisture is at an all-time low. So, how can soil and environmental quality be improved while making the most of the precipi-

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tation that does fall to earth? Here are some ideas:

• Eliminate plow layers and hardpan layers. • Reduce mechanical till-

age and adopt no-till whenever possible.

• Match irrigated acres to available water (rule of thumb, 5 gpm per acre). • Use crop rotations that

• Rest and defer native range so grass plants

can rebuild root systems. • Return low-yielding fields with class IV and

VI soils to grass.
Plant grass waterways and crosswind trap strips where needed to catch snow.

• Leave more crop residue to catch winter snowfall (standing cornstalks).

• Use strip till and no-till planting methods.

• Install a planned grazing system that achieves a minimum of 74 percent rest during the growing season (four-pasture system).

The key to recovery from several years of dry weather is grabbing the opportunity to make management changes on a farm or ranch. Now is the time to move to a higher level of conservation on the working lands of Sherman County, the Topside of Kansas. This will help guarantee profitability during years of more

District report for 2002

This is the Annual Report of the Sherman County Conservation District for the Calendar year of 2002.

The 2002 Annual Meeting was held February 25th, 2002 at the VFW in Goodland. Mr. & Mrs. Harlan House and Mr. and Mrs. Andrew House and Freda House were named Conservationists of the Year. Mr. & Mrs. John Baker were awarded the Bankerís award and Mr. & Mrs. Bryan Hatcher were recipients of the Windbreak Award. Jona Neufeld received the Educator of the Year Award. One hundred sixty five cooperators enjoyed the meal furnished by the District and local banks. Lynn Ihrig introduced Darin Richardson and Amanda Hoffman 4-H members who provided the entertainment for the evening. Dennis Shank and Bill Selby were elected to the board by secret ballot.

Thirty-six plaques were presented at the 2002 Annual Meeting for the Poster, Limerick, Essay Contest and Hyper-Studio Stack Contest. Sandy Rodgers, District Manager

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normal precipitation and climate.

By establishing goals for the operation of a land unit, you will discover that the new Farm Bill and the Environmental Quality Incentives Program (EQIP) offer opportunities to work toward implementation of the goals for a particular field.

The four areas of EQIP are: 1) wind erosion 2) water quality and livestock waste 3) water quantity and management of the Ogallala Aquifer and 4) grazing lands health. Management incentives and conservation practice cost shares are available for contracts with good environmental benefits. Other programs that may fit are Conservation Reserve, Wildlife Habitat, Wetland Reserve and Conservation Technical Assistance. The last is available to everyone and does not require involvement in a specific costsharing program.

Take a moment, stop by the Conservation District office and if we have not met, introduce yourself. I am anxious to work for you on your farm or ranch to help you achieve your conservation goals.



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Working with Fred, Dan, the district board

By Sandy Rodgers

Conservation District manager Well, it has been 22 years since Lawrence Tedford, then the district conservationist, and the Conservation District board took a chance on me and gave me the job of district secretary on Aug. 19, 1980.

Bill Selby was on the original board that hired me, and he is still putting up with me to this day. I was pretty scared and thought I was in way over my head, but I don't give up easy and you can't believe how many people were there to help me.

The district employees across the state have quite a network and are always eager to help each other. I had the opportunity to be president of that organization from 1987 to 1990.

The area clerk at the (then) Soil Conservation Service was Maxine Peier, and I learned more about filing for the government, correct procedures, and the like from her than you can imagine. This lady was amazing, and we all strived to be half as efficient as Maxine. She has been retired for several years.

Along in the mid-'80s, the board changed my title to district manager, which, with it, came more responsibility. My job is to administer the business of the district board and to work with the Natural Resources Conservation Service staff to help Sherman County farmers achieve

rer nd nd nd nd nd ree ry red ay. ay **Rodgers** their conservation goals.

Over the years, I've made lots of friends, had lots of funny stories to tell (mostly on me), entered the computer age, learned everchanging government programs and got to know lots of employees and district board members who have come and gone. And yes, I

am still here, and very glad to be here.

I was at a retirement gathering for one of my dearest friends, the one who convinced me I would be a good president for the state employees organization. She always encouraged me to succeed. Her name is Kay Wasinger and she worked 35 years for the Ness County Conservation District.

Someone asked me when I was going to retire. Inever had thought about it! But, God willing, it will be several more years.

Now we get to the part about working with Fred Wedel and Dan Farmer. It was hard to say goodbye to Dick Fletcher, who had been the conservationist in Sherman County for several years, and you are always worried about WHO are they going to send here next!

I had met Fred Wedel at High Plains Pilot Project meetings and knew who he was. I had always been impressed with his input at meetings. Well, low and behold, Fred got the job in Goodland.

I'm sure he was more worried about me than I was him. He probably thought, "How am I ever going to make any changes in an office where the district manager has been there FOR-EVER?"

Guess What! We have both been very open minded and are lucky to be able to bounce new ideas off of each other and solve problems together. I've only told him to go to his room once. (Just joking.)

He is tolerant of all my dog stories and supportive of my community commitments. Dan Farmer came to the office in July and I thought we had it made, 'cause anyone with the name Farmer had to be right for the job. Everything Fred and I don't know about GIS and Arcview mapping, he does. We hit the jackpot!

To make a long story short, I really enjoy my job, working with my co-workers and the people in Sherman County.

Join us for a fun and informative evening at the Sherman County Conservation District's 59th Annual Meeting.

Sherman County winners in poster, limerick, essay contests

Winners in the Sherman County Conservation District poster, limerick and essay contests were announced this week.

Posters 3rd and 4th Grade 1st MaryKate Williams 2nd Seth Stramel 3rd Audrey Titus Honorable Mention Morgan Powell Austin Avelar Dallas DeLaRosa Sydney Winston **Posters 5th through 8th Grade** 1st Ryan Taylor 2nd Alexis Schields 3rd Brennen Clouse Honorable Mention Alexis Bateman

See WINNERS, Page 13

ALCORN/HAYDEN ASSOC CONGRATULATES THIS YEAR'S WINNERS OF THE CONSERVATION AWARDS! Conservationists of the Year: Mr. & Mrs. Allen Quenzer

Bankers Award: Melvin, Marsha, Mike, Teresa and Mark Sieck Windbreak Award: Mr. & Mrs. Darle Fortmeyer Educator of the Verry Lim McDewell

Educator of the Year: Jim McDowell

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<u>State Poster Winner:</u> Alexis Schields daughter of Ron & Kim Schields <u>Honorable Mention Limerick Winner:</u> Jance McKee son of Jim & Judy McKee

Local and state poster & limerick contest honor students.

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District annual report

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and Fred Wedel, District Conservationist presented conservation programs prior to the contest.

The Goodland Daily News published the Annual Soil Conservation Edition. KLOE/KKCI radio continues to support conservation throughout the year.

Sherman County Farmers continue to support conservation in Sherman County. All Compliance plans are on schedule. Approximately 318 CRP contracts are in place for approximately 42,406.5 acres, roughly 18-20 percent of the County. The State Water Resources Cost Share Funds have been allocated for the 2002 program year. Practices include irrigation system upgrades, tanks, livestock wells, terraces and diversions. The Sherman County Conservation District agreed to be a pilot county for the State Water Resources Cost Share Program Irrigation Water Management Practice. There are four EQIP contracts, one active Great Plains Conservation Program contract and three Wildlife Habitat Incentives Program contracts in Sherman County.

The Sherman County Conservation District continues a strong education and information program. A fairbooth was displayed in August. Fred Wedel, District Conservationist and Sandy Rodgers, District Manager worked with 5th and 6th graders and the second Hyper Studio Contest was a big success. The 3rd through 6th grades also participated in the Poster, Limerick and Essay Contest. Sandy gave programs in the classroom and Fred took 5th and 6th graders on a mini tour to look at conservation practices in the field.

The District offers grass seed, flags, trees, rabbit netting, weed barrier, polymer and gyp blocks for sale as a service to area cooperators, as well as, providing additional funding for the District Programs.

Sherman County Conservation District paid dues to the National Association of Conservation Districts. the Kansas Association of Conservation Districts, the KACD Auxiliary, Western Prairie RC&D, and the Kansas Association of Conservation Districtís Employees Organization.

The District works closely with their conservation partners, including

A farmer brought crops to the fair. His grain was beyond compare. He used crop rotation For his soil preservation. He won first place fair and square.

A Winner

sist Association of Con-

Vance Johnson, 8th grade, was the winner in the Sherman County Conservation District Limerick contest

tension, Wildlife and Parks, FSA, Groundwater Management District

County Commissioners, K-State Ex- cerning cost share funds. Three producers were awarded cost share funds through this MOU for tree plantings. #4 and many others to reach mutual Sharon Bowker continues as the repconservation goals. The District con- resentative to the Western Prairie tinued their Memorandum of Under- RC&D with Sandy Rodgers serving State and National legislators, NRCS, standing with Wildlife and Parks con- as alternate. Sharon Bowker and

Sandy Rodgers assisted Western Prairie RC&D with making a video of Projects in Sherman County for the RC&D State meeting. Sandy Rodgers serves on the local advisory commit-

See REPORT, Page 12

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Ryan Taylor, 5th-8th grade, was the winner in the Sherman County Conservation District poster contest.

59th Annual meeting Sherman County Conservation District, 6:30 p.m., Monday, Feb. 24, Veterans of Foreigh Wars Hall, 824 Main Ave.

District annual report

REPORT, from Page 11

tee for Western Prairie RC&D and Fred Wedel serves as an advisor to that group.

The Sherman County Conservation District Manager, Sandy Rodgers, continues to participate in the Northwest Kansas Conservation and Environmental Alliance. This group consists of District Managers representing nine County Conservation Districts. Their objective is to search for funding through grants and foundations to enhance and ensure a quality environment for future generations in Northwest Kansas. Sandy currently serves as President.

Sandy Rodgers, District Manager hosted the Area Employees Seminar at the Ringneck Resort for the 18 Counties in Area 1 in June.

Dan Farmer joined the conservation team as Conservation Technician in July and Kyle Schwindt former technician was stationed in Sharon Springs.

The District offered prize money to 4-H and individual fairbooths that carried a conservation theme. National Wildlife Week and Soil Stewardship weeks were observed by distributing educational material to the schools, public library, various offices and churches in Goodland.

Mr. & Mrs. Lynn Ihrig, Mr. & Mrs. Dean Graber, Dennis Shank and Fred Wedel attended the KACD Convention held at Wichita in November. Alexis Schields won 1st place in the State Poster Contest and Jance McKee won Honorable Mention in the State Limerick Contest.

The District reviewed their longrange program and also reviewed the memorandums of understanding with all cooperating agencies.

The Sherman County Conservation Districtís objective is to promote locally led conservation and to assist landowners and operators apply conservation practices to the land with the technical assistance from the Natural Resources Conservation Service. The Conservation Office is available for assistance to anyone needing help solving his or her conservation needs. The District Board meets the first Thursday after the first Tuesday of every month with the exception of July.





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Drought sets records

By Ken Kuiper

State Biologist Records were set in Kansas making 2002 the driest, hottest year in recorded history. Drought can be devastating for many wildlife species. For game birds, a reduction in both

WINNERS, from Page 10

Limericks 3rd and 4th Grade

Limericks 5th through 8th Grade

Natashia Cecil

1st Abby Jolly

2nd Mac Purvis

Katlyn Topliff

3rd Riley Oharah

Dallas DeLaRosa

1st Vance Johnson

2nd Robbyn Juleson

Jamie Gittinger

3rd Zac Price Honorable Mention

Honorable Mention

Kayla Long

Breanna Nemechek

District contest winners

nesting and survival success usually characterize drought years.

Kangaroo rats do well in drought conditions. They escape the heat and wind in burrows. These animals require no free water. They produce metabolic water from the food they eat.

There are a variety of other adaptations that help animals survive in dry, hot conditions. For instance, turtles and insects have shells that resist water loss. Thirteen-lined ground squirrels reduce water loss through

Ross Townsend

1st Devin Mangus

Honorable Mention

HyperStudio Stacks

3rd Danielle Pettibone

1st Chance Davis

2nd Colton Nelson

Honorable Mention

3rd Kayla Long

Patrick Heiter

Debra Dawdy

Cassie Cooper

Ryan Irvin

2nd Breanna Nemechek

Julica Bonsall **Brooke Lennington**

Essays

true hibernation during the heat of the summer.

Fairy shrimp are invertebrates found in western Kansas's playa lake pools. After rainfall and ponding in playas, these animals hatch and complete their life cycle in about 21 days. To survive drought, their eggs remain viable in the soil for 20 years or more until conditions are right for hatching.

During drought periods, coyotes and other animals will dig into the sand of a dry creek to find water. They also have the adaptive capability to travel to a water supply for survival. Pheasants can be seen drinking

See DROUGHT, Page 14



Mary Kate Williams, 3-4th grade, was the winner in the Sherman County Conservation District poster contest.



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Abby Jolly, 3-4th grade, was the winner in the Sherman County Conservation Distirct Limerick contest.

Drought sets records

DROUGHT, from Page 13

water from ponds and irrigation systems during a hot day.

Overgrazing of native rangeland can reduce plant vigor and forage production. Forage utilization can be managed by reducing livestock numbers and/or adjusting the length of the grazing period. Using these grazing techniques can help maintain healthy rangeland for both domestic livestock and wildlife.

Wildlife guzzlers, wildlife watering facilities and backyard birdbaths can benefit wildlife during drought conditions. Following standard designs found in the Natural Resources Conservation Service's Field Office Technical Guide ensures that all design considerations are covered. This guide can be found online at www.ks.nrcs.usda.gov. Then click on the FTOG logo. Watering facilities should always have an escape route for prey species, and they must provide a stable water supply to meet the needs of the animal during a critical period.

Wildlife can survive drought conditions in Kansas. Management and thoughtful planning can help species with critical habitat survival needs. Assistance for installation of practices that benefit wildlife is available through the Natural Resources Conservation Service office and conservation district office located at your local county USDA Service Center.

For more information about NRCS programs, visit the Kansas web site at www.ks.nrcs.usda.gov.

Saluting the winners

The staff of the Goodland Star-News salute the winners of the Sherman County Conservation Awards. It is always enjoyable to have an opportunity to visit with these people, and it gives our readers a chance to learn about families throughout the county. *Tom Betz*

Editor

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Conservationists of the Year Mr. & Mrs.Allen Quenzer

Jim McDowell, NRCS Hays Area Office State Poster Winner

Bankers Award Melvin, Marsha, Mike, Teresa & Mark Sieck

<u>Windbreak Award</u> Mr. & Mrs. Darle Fortmeyer Alexis Schields daughter of Ron & Kim Schieds

Honorable Mention Limerick Winner Jance McKee son of Jim & Judy McKee



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