

KU students find tools at Kanorado

KANORADO, from Page 1

year. Mandel said the crew found several nice specimens at the site this year which will be examined and maybe carbon dated over the next several months.

At a site north of I-70 on the east side of the creek, visible from the highway, diggers opened new units just of where students found mammoth and camel bones in previous digs.

Hai Huang, a fourth-year graduate student from Shanghai, China, found a small bone fragment Thursday. This is Huang's last year at KU, he said, and his last summer digging at Kanorado. He plans go home at the end of July to begin looking for a job in China.

He and Mandel discussed the level on the creek bank where they could expect to find the evidence of ancient people who camped in the area. Mandel said the beginning of the layer is down about four feet, adding that how far down the digging goes would depend on what they find.

Mandel said the Kanorado dig is the first Clovis-era site in the state and the second with Folsom-era artifacts. Early native Americans, known as paleoindians, roamed the High Plains thousands of years ago, and some of the earliest were called Folsom for the fluted points

they made about 10,000 years ago, found near Folsom, N.M.

Clovis paleoindians were on the High Plains well before the Folsom people, and evidence collected at Kanorado is pushing that date back towards 14,000 years ago. Points made by these tribes came before the invention of the bow and arrow.

At the site where the crew found mammoth and camel bones before, Mandel was taking soil samples from a column of the whole depth of the site. He said he would send the samples to a colleague at Wisconsin University where they will be analyze to see if land snails can help determine the climate changes in the area over the past 10,000 to 12,000 years.

Mandel also gathered these samples at the other site. He said the snails from lower down should show the kind of climate with existed when paleoindians first came the area.

Mandel said he feels the land was lush with deep grasses, lots of trees and lots of open pools of water. He thinks the snail evidence will show the average annual moisture near Kanorado back then was around 34 inches.

At the bison site on the north side of the creek and a little east, the students found another skull and nose piece this year.

Mandel said the bison bones



Dr. Rolfe Mandel (left) and Hai Huang, a fourth year graduate student from China, talked about the relative ages of the levels being

excavated at one of the units along the east bank of Middle Beaver Creek, north of I-70. Photo by Tom Betz/The Goodland Star-News

found earlier date back to about 10,800 years, and feels that is close to when the Indians were around.

Mandel said he was not sure if the students would be back next year, but that he is certain excavation at

the Kanorado sites will continue.

"I feel one could spend a lifetime digging here," he said. "There are not a lot of large pieces, but every small piece we find gives us more clues to the people who were

here."

Mandel said the tools being found are from stone deposits not typically

present in northwest Kansas, and in some cases they rock came from more than 1,000 miles away.

Freedom Fest Friday fantastic family fun

FIREWORKS, from Page 1

Schilders said money is coming in for the fireworks, and with a few additional donations, there should be enough to cover this year's show. He said more is need to get to the \$10,000 level they had two years ago to provide a a start for next year's show.

Aaron Duell, who has been help-

ing the committee and maintaining a web site for the show (www.freedomfest.shermanfairgrounds.com), said the donations have been broken into levels this year to give some recognition to those who are helping sponsor the fireworks.

Those include Flying Colors, \$500 and up; Shining Stars, \$200; Red, \$100; White, \$50; and Blue, \$25.

Special funds have been set up with the Sherman County Community Foundation to allow people to make donations for the fireworks or the entertainment.

Send checks to the foundation at Box 888, Goodland, Kan. 67735, earmarked for the Freedom Fest fireworks fund for entertainment fund, said Kin Huang, foundation director.

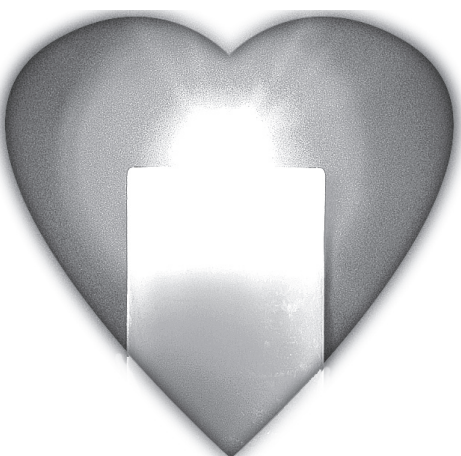
When money is collected by the foundation, she said, the only thing it can spent on is the cost of the show.

NOTICE

The Goodland Star-News office will be closed on Friday, July 4. To ensure our customers receive their newspaper on time we will publish the Friday paper on Wednesday to be mailed on Thursday.

Classifieds work!!! 899-2338

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Keep the fire of hope burning by purchasing a luminaria candle in memory of someone lost to cancer, in honor of someone still fighting, or in special recognition of someone who has beaten this dreaded disease.

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Please join us for the luminaria ceremony at 9 p.m.

\$10.00 per luminaria please!

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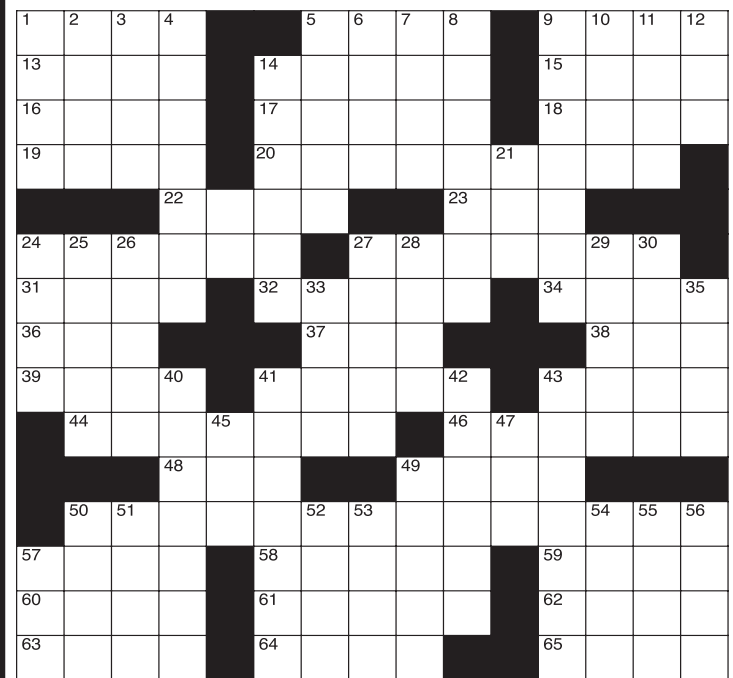
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In honor of In memory of

Total Enclosed: _____

Make checks payable to: The American Cancer Society

Crossword Puzzle



- CLUES ACROSS**
- Pock mark
 - Yes, yes (span.)
 - Cas____: winter melons
 - Inter____: intervening period
 - Moses' elder brother
 - ____date: confirm
 - Assist in wrongdoing
 - Pilfer (slang)
 - Ardor
 - ____, vidi, vici
 - ____ian ____: Window coverings
 - Zilch
 - ____ Dhabi, Arabian capital
 - A marching procession
 - Winters, opposite
 - Academy of Recording Arts and Sciences
 - Cause to lose courage
 - Paper bag
 - Insecticide
 - Relative biological effectiveness (abbr.)
 - Volume equal to 2 butts
 - Sew up a hawk's eyelids
 - Elastance unit
 - Stalk of a moss capsule
 - Inanely foolish
 - About vision
 - Petersen film "____ Boot"
 - Saddle horse
 - New Haven school
 - Tempo
 - Skin lesions
 - Thought
 - Minerals
 - Electronic intelligence
 - A beloved person
 - Totals
- CLUES DOWN**
- One of an eastern European people
 - Solid with 6 equal square faces
 - Arabian Gulf
 - To sprout (Spanish)
 - Yemen capital
 - Former Shah's country
 - ____et: fruit juice ice
 - Ignite
 - Streets
 - Without hair
 - Unfortunately
 - Violate a law of God
 - Digressions
 - Big Blue
 - Launching platforms
 - Heron genus
 - Charges per unit
 - A type of fencing sword
 - Epic____n: gourmet
 - Honey badger
 - Roman shields
 - Vaccinium or ____ berry
 - Burl in wood
 - Without hat
 - No longer in use
 - A dense growth of trees
 - Lessen
 - No (Scottish)
 - Automobile
 - Genus geum
 - 36 inches
 - Breezed through
 - ____ contendere, plead no contest
 - Fleur-de-lis flower
 - Famous March date
 - Orange pekoe or green
 - Agile, lively
 - Blue grass genus

The crossword puzzle brought to you by:

The Goodland Star-News

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