

High Plains Water District logo and contact information: 6661-1541-5583, 6661-1541-5584, 6661-1541-5585, 6661-1541-5586, 6661-1541-5587, 6661-1541-5588, 6661-1541-5589, 6661-1541-5590, 6661-1541-5591, 6661-1541-5592, 6661-1541-5593, 6661-1541-5594, 6661-1541-5595, 6661-1541-5596, 6661-1541-5597, 6661-1541-5598, 6661-1541-5599, 6661-1541-5600.

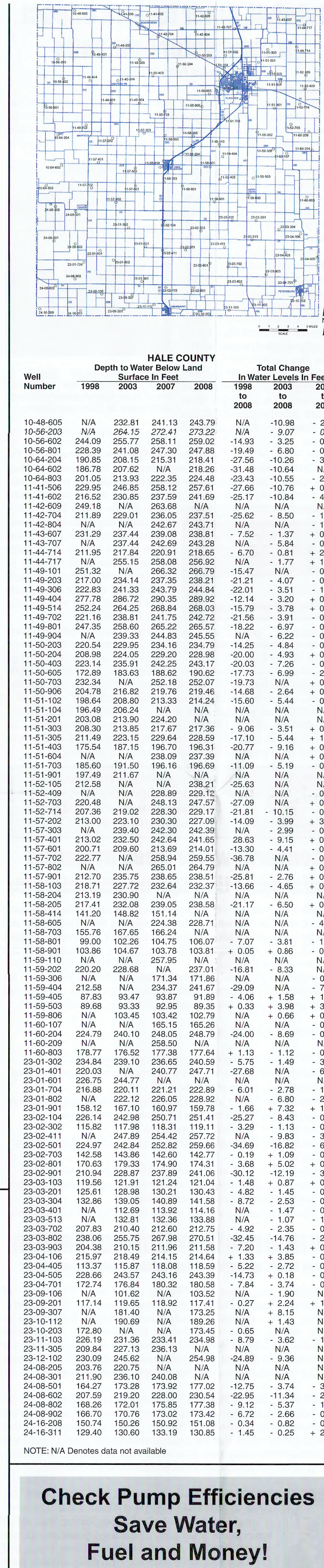
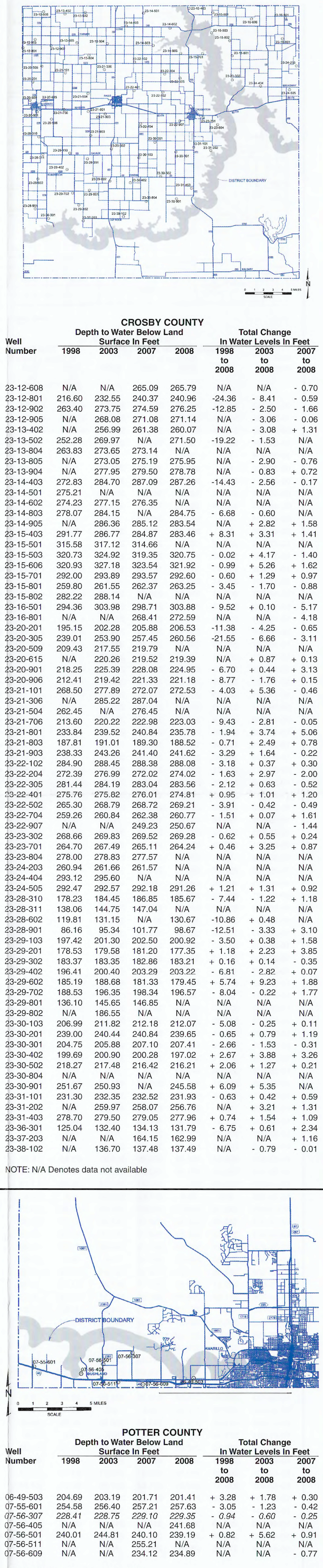
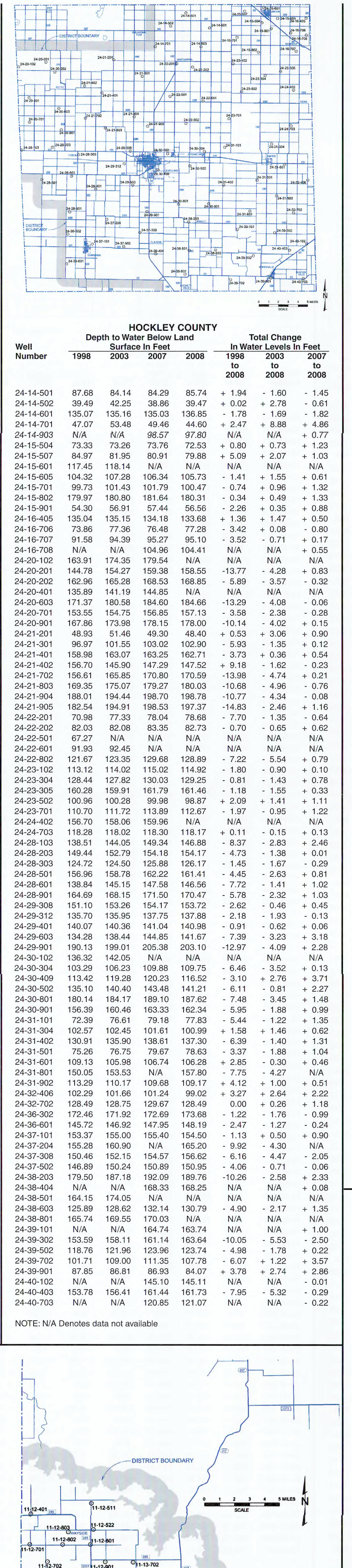
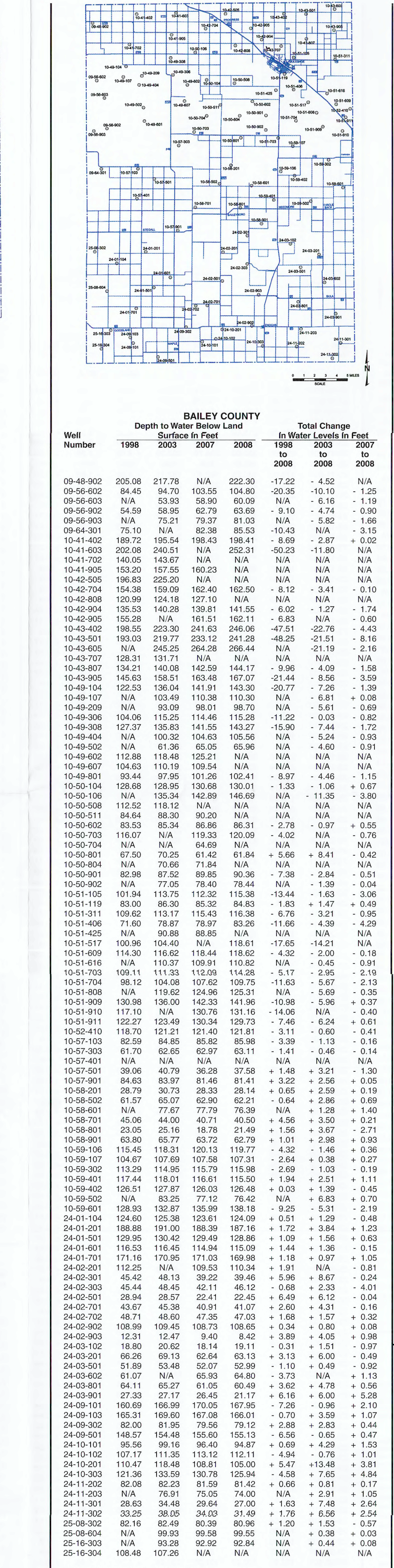
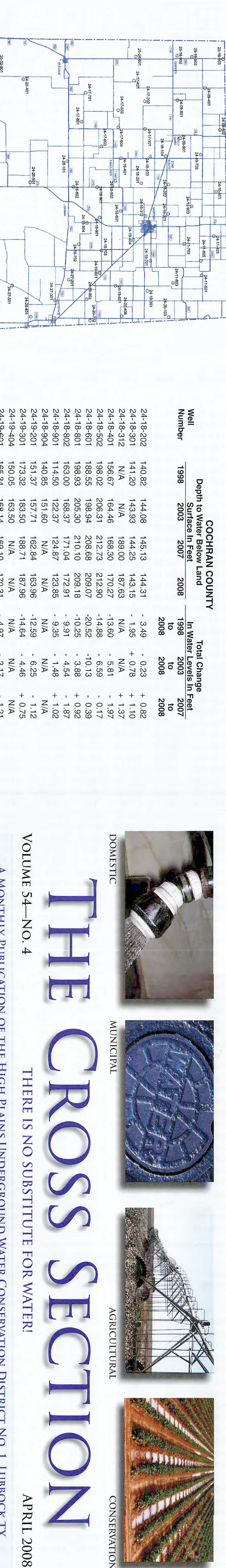
Table with 10 columns: Well Number, 1998, 2003, 2007, 2008, Total Change 1998 to 2008, Total Change 2003 to 2008, Total Change 2007 to 2008, and Total Change 1998 to 2007. Includes a 'NOTE: N/A Denotes data not available.'

Death-to-water level measurements indicate an average annual change of -0.20 of a foot in groundwater levels within Water District during 2007. In comparison, the 2007 depth-to-water level increased in the portions of Armstrong, Croby, Lamb, and Lynn Counties within the district...

Boards canceled May 10 election. The Board of Directors approved the order cancelling the previously-scheduled May 10 election in District Three and District Four.

Average Changes in Depth To Water In Feet During 2007 From Observation Well Measurements in 2008. Includes a table with 10 columns: Well Number, Average Annual Change, and Average Annual Change.

There is no substitute for water. A MONTHLY PUBLICATION OF THE HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1, LUBBOCK TX.



# Rainfall, other factors impact groundwater pumpage

Continued From Page One

within the district.

High Plains Underground Water Conservation District officials caution that the average annual change in groundwater levels may significantly increase from 2008 to 2009 if the region receives below-average rainfall during the year. Also, increased commodity prices may result in increased crop production, which in turn, may cause additional groundwater pumpage to supplement crop water demands.


Depth-to-water level measurements are normally made from January to March each year to allow stabilization of water levels in the aquifer following pumpage during the previous year of groundwater production.

The measurements are made in a network of more than 1,200 privately-owned water wells within the district area. The wells are at a density of one well per five square miles and are part of the State Observation Well network administered by the Texas Water Development Board in Austin.

This issue of *The Cross Section* features the results of the annual 2008 depth-to-water level measurements. It contains individual county maps, which provide the approximate location of each well in the district's observation well network. Each map is accompanied by available 1998, 2003, 2007, and 2008 depth-to-water level measurements for individual wells in that county. Also listed are available total changes in water levels in feet for each observation well for the periods 1998 to 2008, 2003 to 2008, and 2007 to 2008.

Historical depth-to-water level measurements have presented a district average decline of  $-2.15$  feet in 1998; an average decline of  $-0.68$  of a foot in 1999; an average decline of  $-1.14$  feet in 2000; an average decline of  $-0.78$  of a foot in 2001; an average decline of  $-1.06$  feet in 2002; an average decline of  $-1.34$  feet in 2003; an average increase of  $+0.74$  of a foot in 2004; an average decline of  $-0.54$  of a foot in 2005; and an average decline of  $-0.91$  of a foot in 2006.

Identification plate on a level measurement well near Lookney in Floyd County.

 This photo shows a yellow identification plate mounted on a metal well casing. The plate contains text including 'HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NUMBER 1' and 'WATER LEVEL MEASUREMENT NUMBER'. The well is surrounded by a fence and some vegetation.

The seal appearing on this document was authorized by **C. Don McReynolds, P. G. 10246** on April 15, 2008.

**Conserving water when irrigating landscapes this spring and summer**

Warm, dry, windy conditions across the region in April have prompted many homeowners to begin irrigating their lawns and landscapes. The High Plains Underground Water Conservation District encourages area residents to use water wisely in their landscapes this spring and summer.

During the spring and summer, outdoor water use can account for 50 to 80 percent of home water use. Much of this water is often wasted through inefficient landscape watering practices, including runoff.

Here are some brief tips:

- Add "water-wise" plant varieties to your landscape.
- Reduce evaporation losses by watering in morning or evening.
- Avoid watering on windy days.
- Position sprinklers to avoid watering sidewalks and driveways.
- Harvest rainwater to use as a later date on landscapes.
- Use mulch to retain soil moisture.
- Use hose-end sprinklers that throw a large drop, rather than a fine mist.
- Homeowners with automatic sprinkler systems should check spray nozzles regularly to make sure they are operating properly.
- Check nozzles for proper positioning.
- Consider installing sensors to turn the system off when raining.

**Conservation Conversation**  
News briefs and other conservation-related information

**TRANSITIONS:** Jane Griffin is the new President of the Groundwater Foundation, headquartered in Lincoln, Nebraska. Ms. Griffin succeeds founder Susan Seacrest, who recently retired. The Groundwater Foundation is a non-profit educational foundation dedicated to educating the public about the conservation and protection of groundwater. Additional information about the organization is available at [www.groundwater.org](http://www.groundwater.org).

**APPOINTED:** James Wedel of Muleshoe was appointed April 15 to the Texas Organic Agricultural Industry Advisory Board by Texas Agriculture Commissioner Todd Staples. Mr. Wedel joins three other producers on the board, that was created to assist the Texas Department of Agriculture in assessing the state of the organic agricultural industry and to provide recommendations its promotion and expansion.

**DEATHS:** Wayne L. Board, 64, died April 12, 2008 in Lubbock, a West Texas State University graduate. Mr. Board's lifelong career was as an agricultural journalist, including positions at the Amarillo Globe News, Southwest Farm Press and Lubbock Avianex-Journal. Graveside services were held April 16 at Lieb Cemetery, Morse, TX.

