

**Middle Pecos Groundwater Conservation District
Minutes of February 11, 2014**

On this the 11th day of February, 2014, a special called board meeting was held by the Middle Pecos Groundwater Conservation District in the Pecos County Courthouse at 103 West Callaghan on the 2nd Floor, Fort Stockton, Texas, with the following members present, to-wit:

John Dorris	Vice President, Precinct 3
Janet Groth	Precinct 1
Merrell Daggett	Precinct 2
Weldon Blackwelder	Precinct 3
Alvaro Mandujano, Jr.	Precinct 4
Ronald Cooper	Precinct 4
Evans Turpin	City of Iraan
Terry Whigham	At Large

Quorum Present.

Member Absent: Jerry McGuairt, M. R. Gonzalez and Vanessa Cardwell.

Others present: Paul Weatherby, Harvey Gray, Ty Edwards, Melissa Mills, Gladys Dorris, Houston McKenzie, Frank Urias, Conrad Arriola, Wendy Porter, Mark Dobson, Eric Wolff, Roy Martinez, Rudy Garcia, Alyson McDonald, Gary and Dawson Mills, Neil Blandford, Michael McCulloch, Ernest Woodward, Avinash Rangra, John Grant, Jeff Williams, Ed McCarthy, Brock Thompson, Mike Thornhill, Darrell Peckham, Tommy Ervin, Liz Chapman and Polly Taylor with the Fort Stockton Pioneer.

Pecos County Commissioners' court met in joint session. Present: Judge Joe Shuster, George Riggs, Lupe Dominguez, J. H. Kent, and Santiago Cantu.

USGS representatives: Greg Stanton, Bob Joseph, John Bumgarner, Brian Clark, Marylynn Musgrove, Jeremy White, Natalie Houston, and Andy Teeple.

SPECIAL CALLED BOARD MEETING

I Call to Order

Vice President John Dorris called the meeting to order at 10:07 a.m.

II U. S. Geological Survey to present the Regional Groundwater Study

Today's presentation represents the conclusion of a 3 phase study. The study was funded in cooperation with the Middle Pecos Groundwater Conservation District, Pecos County, City of Fort Stockton, Pecos County Water Control and Improvement District #1, Brewster County and U. S. Geological Survey.

U. S. Geological Survey team members John Bumgarner and Brian Clark presented a PowerPoint explaining the conceptual model, geochemical model and the groundwater-flow model.

The study is a comprehensive, integrated analysis of available hydrologic data to develop a numerical groundwater-flow model of the Edwards-Trinity and related aquifers in the study area in parts of Brewster, Jeff Davis, Pecos, and Reeves counties. The active model area covers about 3,400 square miles of the Pecos County region of Texas west of the Pecos River, and its boundaries were defined to include the saturated areas of the Edwards-Trinity aquifer. The hydrologic boundaries of the model include areal recharge, rivers, no-flow, constant heads, and general-head boundaries. Groundwater pumping was compiled from multiple sources to develop a pumping record for the period for 1940 to 2010 and to represent public supply, manufacturing, mining, and power generation (industrial), and irrigation, with irrigation being the largest water-use category. The model is a five-layer representation of the Pecos Valley aquifer (alluvial layer), the Edwards part of the Edwards-Trinity aquifer (Edwards layer), the Trinity part of the Edwards-Trinity aquifer (Trinity layer), the Dockum aquifer (Dockum layer), and the Rustler aquifer (Rustler layer).

Three scenario's were developed to provide insight about future groundwater availability and the potential effects of withdrawal increases and/or redistribution:

- 1: Baseline - 2008 pumping to 2040
- 2: 2008 pumping with year-round Leon-Belding pumping to 2040
- 3: 2008 pumping with year-round Leon-Belding pumping to 2040 with 5% increases every 10 years.

III Consider and/or approve the Regional Groundwater Study
Evans Turpin made a motion to approve the Regional Groundwater Study. Motion seconded by Alvaro Mandujano, Jr. Motion carried without objection.

IV Adjourn

Ronald Cooper made a motion to adjourn the meeting. Merrell Daggett seconded the motion. Motion carried and the meeting adjourned at 11:54 a.m.

M. R. Gonzalez, Secretary/Treasurer

Jerry McGuairt, President

Date Approved _____