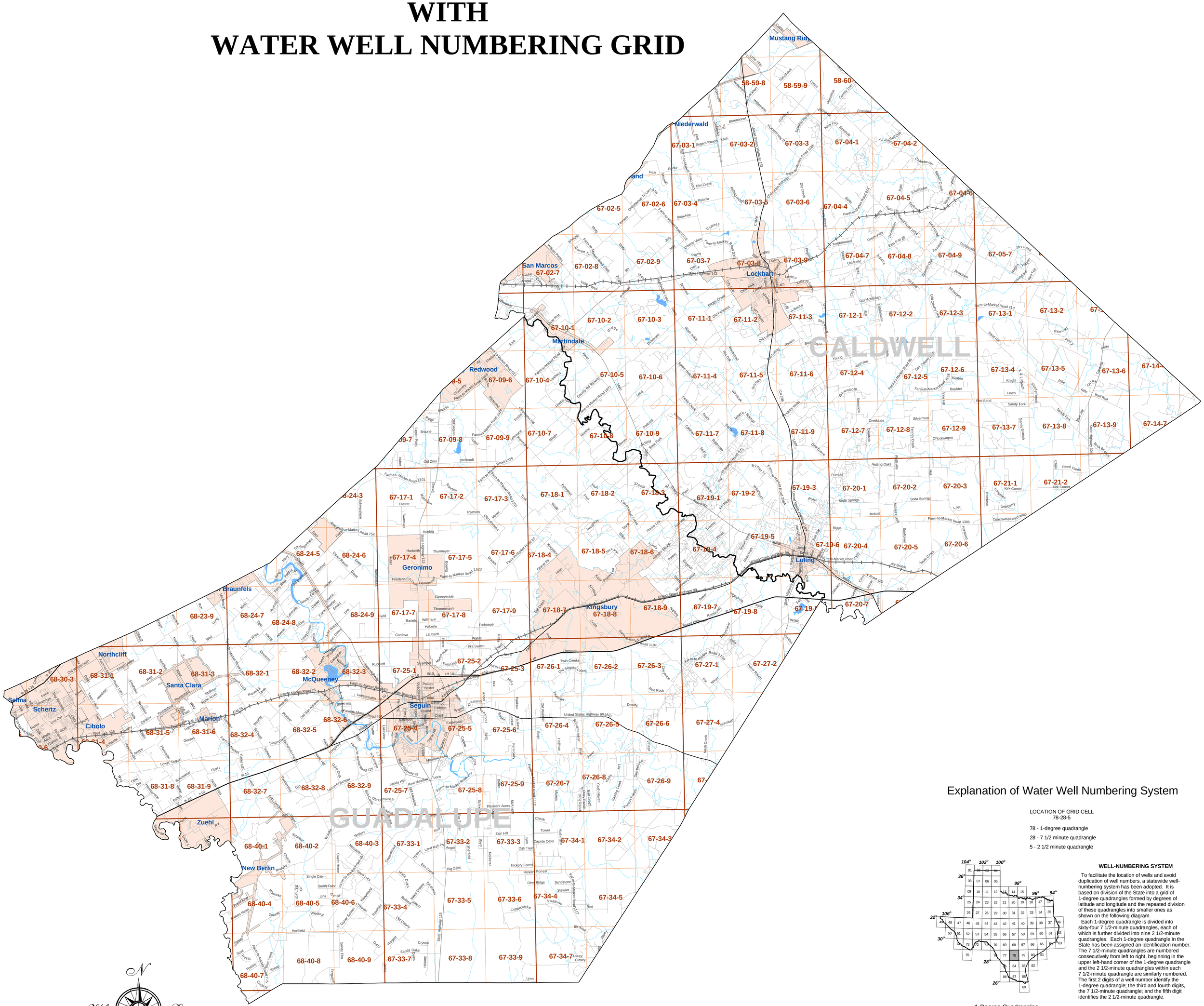
GUADALUPE & CALDWELL COUNTIES
WITH
WATER WELL NUMBERING GRID



*All mapped data (except grid) is from TIGER 2000 Census data.
Map created by Mark Hayes, May 20, 2004
TWDB - GIS section

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Explanation of Water Well Numbering System

LOCATION OF GRID CELL
78-28-5

78 - 1-degree quadrangle

28 - 7 1/2 minute quadrangle

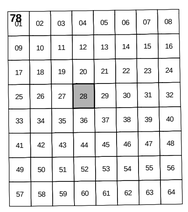
5 - 2 1/2 minute quadrangle

1-Degree Quadrangles

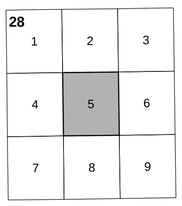
WELL-NUMBERING SYSTEM

To facilitate the location of wells and avoid duplication of well numbers, a statewide well-numbering system has been adopted. It is based on division of the State into a grid of 1-degree quadrangles formed by degrees of latitude and longitude and the repeated division of these quadrangles into smaller ones as shown on the following diagram.

Each 1-degree quadrangle is divided into sixty-four 7 1/2-minute quadrangles, each of which is further divided into nine 2 1/2-minute quadrangles. Each 1-degree quadrangle in the State has been assigned an identification number. The 7 1/2-minute quadrangles are numbered consecutively from left to right, beginning in the upper left-hand corner of the 1-degree quadrangle and the 2 1/2-minute quadrangles within each 7 1/2-minute quadrangle are similarly numbered. The first 2 digits of a well number identify the 1-degree quadrangle; the third and fourth digits, the 7 1/2-minute quadrangle; and the fifth digit identifies the 2 1/2-minute quadrangle.



7 1/2 Minute Quadrangles



2 1/2 Minute Quadrangles