





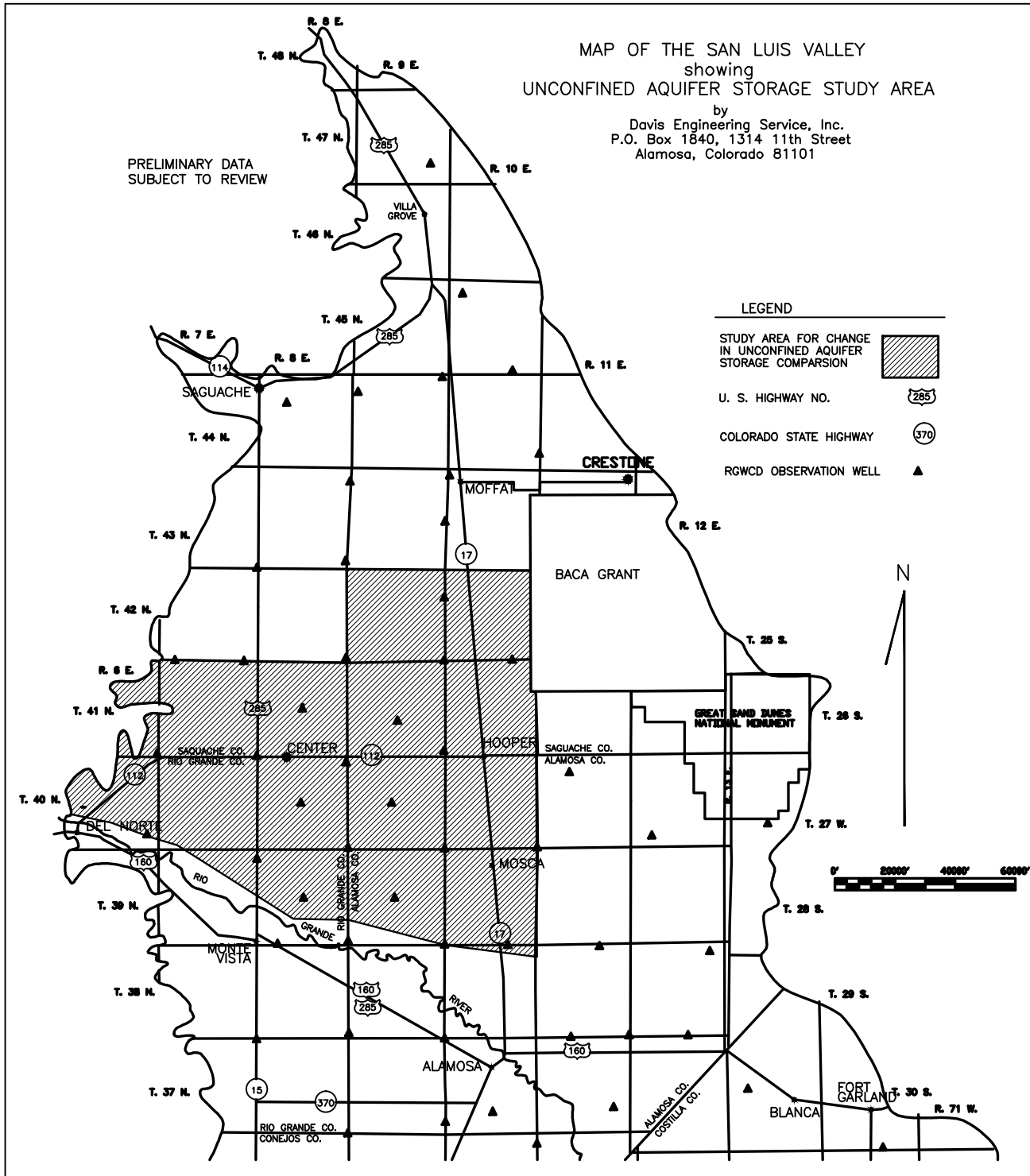
MAP OF THE SAN LUIS VALLEY  
showing  
UNCONFINED AQUIFER STORAGE STUDY AREA

by  
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PRELIMINARY DATA  
SUBJECT TO REVIEW

LEGEND

- STUDY AREA FOR CHANGE IN UNCONFINED AQUIFER STORAGE COMPARISON 
- U. S. HIGHWAY NO. 
- COLORADO STATE HIGHWAY 
- RGWCD OBSERVATION WELL 



EXPLANATION

Change in unconfined aquifer storage has been calculated for a defined area which is shown on the above map. The changes in aquifer storage were based on approximately 27 RGWCD monitoring wells located within the area. The method of computing the change in aquifer storage was in accordance with the Thiessen mean method whereby a polygon is constructed around each observation well and the assumption is made that the change in water level throughout the area of the polygon is the same as the change in the well within the polygon. A graph showing changes since 1976 is attached. Zero on the vertical axis of the graph was assumed as corresponding to 1976 for graphing purposes; however, it should not be assumed that the unconfined aquifer was at equilibrium as of that date.