Water Resources and Their Economic Importance in New Mexico

A set of papers presented at a Staff and Graduate Seminar

Conducted by the Agricultural Economics Department

New Mexico College of Agricultural and Mechanic Arts

January 26 through May 24, 1956

The water resources of New Mexico are of great economic importance to the state. For this reason a staff and graduate seminar was held for the purpose of bringing together information about the water resources, review the past, present and proposed future uses of water and to analyze the water resource problems which have a bearing on the economic welfare of the State of New Mexico.

This seminar was organized and conducted by the Agricultural Economics Department. It met once every 2 weeks for a 2 hour period on New Mexico A & M Campus. This was primarily a staff and graduate student seminar.

The papers presented were of sufficient public interest that those in attendance and others requested they be made available for reference purposes.

No attempt has been made to edit any of the papers. They are presented here in the form they were received from the author. Some are in more of an outline form than others but these give considerable information in a limited space. Others are more or less the complete presentation.

The following is the order in which the papers were given in the seminar and is the order in which they are presented in this publication.

Jan. 26 - Source and Disappearance of the Total --- 1
Water Supply in New Mexico
H. R. Stucky, Professor and Head of
Department of Agricultural Economics
New Mexico College of A & M A

A Brief Review of Surface Water --- & Studies in New Mexico
Morris Evans, Agricultural Economist,
New Mexico College of A & M A

	General Observations on Underground 13 Water in New Mexico W. P. Stephens, Agricultural Economist, New Mexico College of A & M A
.Feb, 9 -	Legal Status of Water in New Mexico 21 Charles D. Harris, Special Assistant Attorney General, State Engineer's Office.
Feb. 23 -	The Watershed Protection Program 33 Public Law 566 Harold B. Elmendorf - Head, Area Engineering & Planning Office, Soil Conservation Service
	The Soil and Water Conservation Program - 41 in New Mexico Robert Young - State Director, Soil Conservation Service
Mar. 8 -	Water Production from Forest Lands of New Mexico George Hardaway, Division of Watershed 47 Management, Southwestern Region, U. S. Forest Service, Albuquerque
,	Southwest Watershed Studies of Agricultural 52 Research Service Joel E. Fletcher, Soils Division Agricultural Research Service, Tucson J. L. Gardner - Botonist, ARS, USDA, New Mexico College of A & M A
Mar. 22 -	The Effects of Interstate Compacts on New 55 Mexico Water Supply S. E. Reynolds, State Engineer
Apr. 5 -	Irrigation Developments by the Bureau of 72 Reclamation in New Mexico Leon Hill - Staff Head of Operations Amarillo, Bureau of Reclamation
· .	Water Supply and Costs in Operation 77 of Rio Grande Project Theodore H. Moser, Acting Chief of the Engineering Division, Bureau of Reclamation, El Paso

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Apr. 19 -	The Colorado River Storage Project and Participating Projects Ralph Charles, Project Development Engineer, Bureau of Reclamation, Albuquerque	86
May 3 -	Ground Water: Its Importance to the Economy of New Mexico Clyde Conover, Engineer, Ground Water Branch, U. S. Geological Survey, Albuquerque	96
	Streamflow Investigations of the U.S. Geological Survey in New Mexico Wallace T. Miller, Director, Surface Water Division, U.S. Geological Survey, Santa Fe	107
May 17 -	The Work of the Corps of Engineers in New Mexico Robert C. Woodson, Civil Planning and Report Branch, Corps of Engineers, Albuquerque	112
	Hydrologic Aspects of Planning Flood Contro Works in New Mexico John T. Martin, Chief, Hydrology Section Corps of Engineers, Albuquerque	
	Problems of the Elephant Butte Irrigation District John L. Gregg, Treasurer-Manager, Elephant Butte Irrigation District, Las Cruces	137
;	Stream Flow Studies in the Mesilla Valley	141

Frank Bromilow, Professor and Head of Civil Engineering Department New Mexico College of A & M A