

PROGRAM
 NEW MEXICO WATER CONFERENCE
 March 27 - 28, 1969

THEME OF THE CONFERENCE - WATER RESEARCH AND DEVELOPMENT

	Page Number
PROCLAMATION - - - - -	1
FOREWORD - - - - -	2
DEDICATION AND MEMORIAL RESOLUTION - - - - -	3
PROGRAM - - - - -	10
PAPERS PRESENTED	
<u>Water Research and Development in New Mexico</u> - - -	12
President Roger B. Corbett New Mexico State University	
<u>Western States Water Council</u> - - - - -	15
Jay Bingham, Executive Secretary Salt Lake City, Utah	
<u>Texas Water Plan - Imports to West Texas and New Mexico</u> - - - - -	21
Lewis B. Seward, Assistant Chief Engineer Texas Water Development Board Austin, Texas	
<u>New Mexico and Southwest Water</u> - - - - -	26
U. S. Senator Joseph M. Montoya	
<u>Meters and Their Effects in the Roswell Artesian Basin in Chaves and Eddy Counties, New Mexico</u> - -	29
Fred Hennighausen, District Engineer Roswell State Engineer Office	
<u>Colorado River Basin Project Act As It Affects New Mexico</u> - - - - -	34
S. E. Reynolds, State Engineer	

<u>Water Conservation and Development in the Farmington Area and in the State</u> - - - - -	44
<p>Tom Bolack, Former Governor of New Mexico and Owner and Operator of B-Square Experimental Farm and Ranch, Farmington, N. M.</p>	
<u>Navajo Indian Irrigation Project</u> - - - - -	49
<p>Bert Levine, Project Engineer Navajo Irrigation Project</p>	
<u>San Juan-Chama Diversion</u> - - - - -	55
<p>Earl Cannon, Project Engineer San Juan-Chama Diversion Project</p>	
<u>Summary of Water Legislation, Twenty-ninth New Mexico State Legislature</u> - - - - -	60
<p>Wm. B. O'Donnell Representative - Dona Ana County James Kirkpatrick Senator - Dona Ana County</p>	
<u>Potentials for Water Development With Atomic Power</u> - - - - -	63
<p>L. P. Reinig, Head Engineering Department Los Alamos Scientific Laboratory</p>	
<u>Water Potentials of Weather Modification</u> - - - - -	76
<p>Jesse B. Lunsford, Professor Civil Engineering - NMSU</p>	
<u>Future of Subsurface Irrigation</u>	
1. <u>A Method of Saving Water</u> - - - - -	86
<p>Eldon Hanson, Professor Agricultural Engineering - NMSU</p>	
2. <u>Influence on Cotton Yields and Quality</u> - - - - -	100
<p>Boyce C. Williams, Professor Agronomy - NMSU</p>	