

NEW MEXICO WATER CONFERENCE PROGRAM

New Mexico College of Agriculture and Mechanic Arts
State College, New Mexico

November 7 - 8, 1957

Milton Hall (Student Union Building)
New Mexico College of Agriculture and Mechanic Arts Campus

Theme of Conference

"WATER FOR NEW MEXICO - YOUR PROBLEM AND MINE

Thursday Morning - November 7

8:00	Registration - Milton Hall	
	General Conference Chairman - H. R. Stucky	
9:30	Invocation - Rev. Jack DeVore First Baptist Church, Las Cruces, New Mexico	
	Open Meeting and Introductions	Page Number
9:45 - 10:00	<u>Welcome and Comments on New Mexico A&M's Interest in the State Water Problems</u>	
	Dr. Robert H. Black - - - - - Dean & Director of Agriculture New Mexico A & M Chairman of Morning Program	5
10:00 - 10:30	<u>Public Recognition of the Nation's Water Problems</u>	
	Charles C. Butler - - - - - Director of Land and Water Use Farm Bureau Federation Washington, D. C.	7
10:30 - 12:15	<u>Public Recognition of New Mexico's Water Problems</u>	
	<u>Introduction of Governor Mechem</u>	
	Senator Jesse U. Richardson Chairman Board of Regents New Mexico College of A & M A	
	<u>State Government Recognition</u>	
	/ Governor Edwin L. Mechem - - - - -	18

The Women's Point of View of the State's
Water Problem

Page Number

Mrs. Thelma Inmon - - - - - 19
State Chairman, Women's Committee
N. M. State Farm & Livestock Bureau, Deming, N. M.

The Point of View of County Governments

E. J. Minton, Supervisor - - - - - 21
Lea County Water Conservation Office
Lovington, New Mexico

The Point of View of Private Foundations

C. L. Forsling, Director - - - - - 24
Pack Foundation
Albuquerque, New Mexico

Rogers Aston - - - - - 28
Southspring Foundation
Roswell, New Mexico

Afternoon

Chairman - Wm. Byron Darden, Attorney,
Las Cruces, New Mexico

Administrative, Legislative and Judicial
Aspects of Water Laws in New Mexico

1:15 - 1:35

Water Law and Policy in New Mexico
A general discussion of significant
water law institutions and their im-
portance in the development of New Mexico.

Robert Emmet Clark - - - - - 30
Professor of Law
University of New Mexico

1:35 - 1:55

The Functions and Activities of the State
Engineer's Office

C. B. Thompson, Chief, Technical Division - - - - - 42
F. E. Irby, Chief, Water Rights Division
State Engineers Office
Santa Fe, New Mexico

1:55 - 2:15

Legal Problems of Water in Pecos Valley

1. Types of water rights
2. Legal aspects of well metering

John F. Russell, Attorney - - - - - 51
Roswell, New Mexico

	<u>Water Compacts - Experience and Mechanics</u>	Page Number
2:15 - 2:35	J. D. Weir, Attorney - - - - - Las Cruces, New Mexico	56
2:35 - 2:55	1. Transfer of Water Rights - underground or surface - between farmers, from farmers to Municipalities and Industry. 2. Implications of the term "Beneficial Use" of water.	
	Charles D. Harris - - - - - Special Ass't. Attorney General, New Mexico Roswell, New Mexico	65
2:55 - 3:15	Recess	
3:15 - 5:00	Open discussion: <u>Administrative, Legisla-</u> <u>tive, and Judicial Aspects of Water Laws</u> <u>in New Mexico</u>	
	Moderator: Robert E. Clark, Professor of Law, University of New Mexico	
7:30 p.m.	Banquet - Milton Hall	
	Chairman: Lloyd C. Calhoun Member N. M. Economic Development Comm. Hobbs, New Mexico	
	Speaker: D. D. Monroe Clayton, New Mexico	
<u>Friday Morning - November 8</u>		
	Chairman: A. W. Langenegger Hagerman, New Mexico	
	<u>Management of Irrigation Water</u>	
8:30 - 9:15	<u>Present and Future Methods for Efficient Irrigation</u>	
	Dr. Vaughn E. Hansen - - - - - Professor of Irrigation Utah State University Logan, Utah	72
9:15 - 10:00	<u>Water Application and Requirements for Crops in New Mexico</u>	
	Dr. C. H. Diebold - - - - - Staff Soil Specialist Soil Conservation Service Albuquerque, New Mexico	78

10:00 - 10:15 Recess

10:15 - 11:15 Panel Subject - How to Get the Most Efficient Use of Water - (about 12 minutes each)

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Sprinkler Irrigation

W. C. Bradshaw - - - - - 86
 Artesia, New Mexico

Lined Ditches

D. A. Franzen - - - - - 89
 Hatch, New Mexico

Underground Pipe

C. L. Ezell - - - - - 91
 Canutillo, Texas

Land Management to Minimize and Utilize Waste Water

A. W. Woodburn - - - - - 93
 Roswell, New Mexico

11:15 - 12:10 Discussion

12:15 Lunch

Afternoon

Chairman: A. G. Triviz, Associate Director,
 New Mexico Extension Service

1:15 - 3:00 Panel On Income Producing Value of Water When Used by Different Industries Including Agriculture and in the Various Areas of New Mexico.

C. T. Grace, Chairman - - - - - 96
 Department of Mechanical Engineering
 University of New Mexico
 Albuquerque, New Mexico

Ralph Charles - - - - - 101
 Project Development Engineer
 Bureau of Reclamation
 Albuquerque, New Mexico

Frank Bromilow, Head - - - - - 105
 Department of Civil Engineering
 New Mexico A & M, State College, N. M.

H. Ralph Stucky, Head - - - - - 107
 Department of Agricultural Economics
 New Mexico A & M, State College, N. M.