

NEW MEXICO WATER CONFERENCE PROGRAM

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

October 31 and November 1-2, 1956

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

Wednesday Morning - October 31

8:00 - 9:45           Registration - Milton Hall  
                          General Conference Chairman - H. R. Stucky

9:45 - 10:00           Invocation - Rev. Nelson Wurgler

10:00 - 10:30         Welcome and Address on Water and Its Economic and Social  
                          Influences in New Mexico  
                          Dr. Roger B. Corbett  
                          President of New Mexico College of A & M A

Page Number

10:30 - 11:30         Water Resources of New Mexico  
                          Steve Reynolds - - - - - 6  
                          New Mexico State Engineer

Afternoon           UNDERGROUND WATER

                          Chairman - Morris Evans

1:15 - 2:00           Underground Water Laws of New Mexico  
                          \* Charles B. Harris  
                          Special Assistant Attorney General  
                          Roswell, New Mexico

2:00 - 2:45           Economics of the Use of Underground Water  
                          Wm. P. Stephens - - - - - 18  
                          Agricultural Economics Department  
                          New Mexico College of A & M A

3:00

Panel Subject - Underground Water Problems in New Mexico  
(8-10 minutes opening statements for each area)

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Panel Leader	- Wm. P. Stephens	
Deming-Lordsburg Area	- G. D. Hatfield - - - - -	27
Mesilla Valley	- Jesse U. Richardson - - - - -	30
Pecos Valley	- John Allen Phinizy - - - - -	34
Plains Area	- E. G. Minton Jr. - - - - -	37
* City Water	- E. J. Umbenhauer	

Thursday Morning - November 1

NEW SOURCES AND MORE EFFICIENT USE OF WATER

Chairman - Frank Bromilow

8:30 - 9:15

Possible New Sources of Water from Sea Water, Mississippi River, or from Sewage Reclamation

John Clark - Civil Engineering Department - - - - - 40  
New Mexico College of A & MA

9:15 - 10:00

Recent Advances in Evaporation Control on Storage Reservoirs

Dr. Buel W. Beadle, Chairman Chemical Engineering - - - - 46  
Department of Southwest Research Institute

MORE EFFICIENT USE OF PRESENT SUPPLY

10:15 - 11:00

Prevention of Conveyance Losses Through Channel Lining

C. W. Lauritzen, Project Supervisor - - - - - 58  
Canal Lining Testing in S. W., A.R.S.  
Logan, Utah

Thursday Afternoon

PREVENTION OF IRRIGATION LOSSES ON THE FARM

Chairman - Eldon Hanson

1:15 - 2:00

Ditch Lining - Effectiveness and Methods

C. W. Lauritzen, Project Supervisor  
Canal Lining Testing in S. W., A.R.S.  
Logan, Utah

2:00 - 2:45      Instruments for Measuring and Controlling Water for Efficient Use      Page Number  
 Dwight Davenport, Field Representative - - - - - 66  
 Sparling Meter Co., Engineer, Los Angeles, California

WATERSHED MANAGEMENT

Chairman - K. A. Valentine

3:00 - 4:00      Water Yields Through Watershed Management  
 E. J. Dortignac, Research Leader - - - - - 69  
 Forest Service, Albuquerque, New Mexico

6:30 P.M.      Banquet  
 Subject: Industrial Development Possibilities in New Mexico and the Need for Water

Chairman: Dr. R. H. Black, Dean and Director of Agriculture and Home Economics, New Mexico College of A & M A

\* Speaker: Mr. Burl Huffman, Director  
 New Mexico Economic Development Commission  
 Santa Fe, New Mexico

Friday Morning - November 2

RIO GRANDE WATER

Chairman - A. S. Curry

8:30 - 9:15      Water Use and Water Control Planning on the Rio Grande  
 Harold B. Elmendorf - Chairman, USDA Field Advisory --- - 98  
 Committee, Upper Colorado River Basin

9:15 - 10:30      Panel Subject - Rio Grande Water - With Possible Additions by San Juan Diversion  
 (8 - 10 minutes opening statements for each area)

Mesilla Valley      - James F. Cole, Berino, N. M. - - - - 106  
 \* Middle Valley      - Rufus Stroud, Albuquerque, N. M.  
 Upper Valley      - Ernest Martinez, Taos, N. M. - - - - 109  
 \* San Juan      - I. J. Coury, Farmington, N. M.  
 City and Industry  
 Representation      - Carl Meriwether, Las Cruces, N. M. - 112

11:45      Summary of Conference - H. R. Stucky

12:00 noon      Adjourn

\*Papers not received for inclusion in this report.