

NEW MEXICO WATER CONFERENCE PROGRAM

New Mexico State University of Agriculture,
Engineering, and Science

November 6-- 7, 1958

Milton Hall (Student Union Building)
New Mexico State University Campus

Theme of Conference

"NEW MEXICO WATER - PRESENT USE AND NEW SOURCES"

Thursday Morning - November 6

8:00	Registration - Milton Hall	
	General Conference Chairman - H. R. Stucky	
9:20	Invocation - Rev. Frank F. Jones First Presbyterian Church, Las Cruces	
9:25 - 9:45	<u>Orientation of Water Resources Research and Welcome Address</u>	<u>Page Number</u>
	Dr. Robert H. Black - - - - - Dean and Director of Agriculture New Mexico State University	6
9:45 - 10:00	<u>Introduction of Senator Anderson</u>	
	Dr. Roger B. Corbett President New Mexico State University	
10:00 - 11:00	<u>Address - Congressional Interest in Water Resources</u>	
	Honorable Clinton P. Anderson - - - - - United States Senator from New Mexico	11
11:00 - 11:20	Recess	
11:20 - 11:50	<u>Work of Water Resources Council</u>	
	Albin Dearing - - - - - Executive Director Water Resources Council, New York	28

11:50 - 12:00	General Discussion	<u>Page Number</u>
12:00 - 1:00	Lunch	
<u>Afternoon</u>		
	Chairman: Rogers Aston, Southspring Foundation, Roswell, New Mexico	
1:00 - 1:15	<u>Introductory Remarks</u>	
	Rogers Aston - - - - -	37
1:15 - 1:30	<u>Methods of Financing Water Resources Development in New Mexico</u>	
	Jack M. Campbell - - - - - Member State Board of Finance Roswell, New Mexico	39
1:30 - 2:15	<u>Development and Utilization of Saline Ground-water Resources</u>	
	David Miller - - - - - Consulting Ground Water Geologist Chairman, Ground Water Committee Water Resources Council, New York	43
2:15 - 3:00	<u>Desalinization of Water</u>	
	John O'Meara - - - - - Special Assistant to the Secretary U. S. Department of Interior	51
3:00 - 3:15	Recess	
3:15 - 4:00	<u>A Look at New Mexico Water Problems</u>	
	Dr. A. G. Fiedler- - - - - U. S. Geological Survey Ground Water Branch, U. S. Department of Interior Washington, D. C.	62
4:00 - 5:00	General Discussion - - - - -	70
	Miller Dearing Fiedler Campbell O'Meara Aston, Discussion Leader	

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6:45	Banquet	
	Dean M. A. Thomas, presiding Dean and Director of Engineering New Mexico State University	
	<u>Water's Challenge to our Future</u>	
	Elmer G. Bennett, speaker - - - - - Under Secretary of the Department of the Interior Washington, D. C.	75
 <u>Friday Morning - November 7</u>		
	Chairman: Wm. B. O'Donnell Dean of the University New Mexico State University	
8:30 - 8:50	<u>Economic Development Commission</u>	
	Jack Wentworth - - - - - Director New Mexico Economic Development Commission Santa Fe, New Mexico	82
8:50 - 9:30	<u>Industrial Uses of Ground Water</u>	
	Randall F. Montgomery - - - - - Manager, Hobbs District New Mexico Oil Conservation Commission	87
9:30 - 10:10	<u>Disposal of Oil Field Brines - Effect on Water Supply</u>	
	Ivan F. Rice - - - - - President Rice Engineering and Operating Co. Hobbs, New Mexico	94
10:10 - 10:30	Recess	
	Chairman: W. P. Stephens Associate Professor in Agricultural Economics New Mexico State University	
10:30 - 11:10	<u>Consumptive Use of Ground Water By Phreatophytes and Hydrophytes</u>	
	Harry F. Blaney - - - - - Irrigation Engineer, ARS Los Angeles, California	98

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11:10 - 11:30	
<u>Ground Water Recharge Through Irrigation Wells</u>	
H. C. (Hank) Raymond - - - - -	111
Manager, Beardsley-Ariz. Irrigation District Peoria, Arizona	
11:30 - 11:50	
<u>Techniques Used in Ground-water Investigations</u>	
William E. Hale - - - - -	115
District Engineer Ground Water Branch, USGS Albuquerque, New Mexico	
12:00 - 1:15	
Lunch	
<u>Afternoon</u>	
1:15	
Water Resources Planning for the Future	
Chairman: Dr. Harold Dregne Professor of Soils New Mexico State University	
<u>Public Interest in Water Resource Planning</u>	
Albin Dearing - - - - -	123
<u>Research Contribution to Water Resources Planning</u>	
Dr. Owen L. Brough - - - - -	129
Chairman, Committee on Water Resources Development of the Western Agricultural Economics Research Council Pullman, Washington	
<u>Planning as a Means of Avoiding Conflicts in Water Use</u>	
Dr. Irving Davis - - - - -	133
Chairman, Western Region Technical Committee on Economics of Ground Water Law Ft. Collins, Colorado	
<u>Ground Water Resource Development</u>	
William E. Hale - - - - -	137

<u>Meeting Agriculture's Water Requirements</u>	<u>Page Number</u>
Harry F. Blaney - - - - -	140
 <u>Meeting Industry's Water Requirements</u>	
Randall F. Montgomery	
 <u>Farmer's Interest in Water Resource Planning</u>	
W. H. Gary - - - - -	143
Member, New Mexico Interstate Streams Commission Hatch, New Mexico	
 Resolution Adopted - - - - -	 145