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Left to Right: Dr. R. B. Corbett, President, New Mexico State University; Dr. P. J. Leyendecker, Dean, College of Agriculture and Home Economics and Director of Extension Service and Experiment Station, N.M.S.U. chat with Governor Edwin L. Mechem. Governor Mechem was speaker at the Annual Water Conference banquet.



The Governor, Edwin L. Mechem, appears interested in sampling a part of the smorgasbord prepared for the banquet by Mr. Ed Rapp and his efficient student assistants at Milton Student Center. With him is Mr. Sanford Caudill, Manager of Arch-Hurley Conservancy District, left, and Charles C. Royall from the State Land Commissioner's Office, Phoenix, Arizona, right.

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ATTENDANCE
 SIXTH ANNUAL NEW MEXICO WATER CONFERENCE
 by
 Classification of Occupation or Major Interest

There has been considerable interest in knowing how wide the interested groups are that attend the Annual Water Conference. The following is a rough classification of those who registered during the Sixth Annual Conference. An undetermined, but rather large number of additional persons attended one or more sections of the conference, but did not register.

| | |
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| Governor | 1 |
| Engineers - Civil, Chemical, General | 32 |
| Agricultural Engineers | 9 |
| Hydraulic Engineers | 3 |
| Farmers and Ranchers | 19 |
| Irrigation Water Management | 9 |
| Foresters | 5 |
| Conservationists - Soils, Soil Conservation | 5 |
| Land Examiners | 8 |
| Agricultural Credit | 5 |
| City Water - Managerial | 5 |
| Industrial Representatives | 8 |
| Hydrologists | 3 |
| Geologists | 12 |
| Planning | 5 |
| Economists | 5 |
| Director - Administrators | 2 |
| Editors | 6 |
| Lawyers | 6 |
| Extension Service | 6 |
| Experiment Station - New Mexico | 6 |
| Colorado | 3 |
| Texas | 1 |
| Highway | 1 |
| Fish and Wildlife | 3 |
| Students | 25 |
| Wives attending with husbands who registered | <u>11</u> |
| TOTAL REGISTERED | 203 |

F O R E W O R D

Ground Water was the subject of the Sixth Annual New Mexico Water Conference.

It is estimated that 90 percent of the water for industrial and municipal uses in New Mexico comes from ground water and that 587,000 of the 873,000 acres of the irrigated land in the State either are irrigated solely by ground water or have supplemental irrigation from ground water. These statistics indicate the vital importance of this subject to the people of New Mexico.

The papers presented in the conference helped to clarify many of the problems in connection with ground water exploration and development. The papers included "The Role of Ground Water in the United States," "Availability of Ground Water in New Mexico," "Changes in Quantity of Ground Water," "Economics of Ground Water Irrigation," "Quality of Ground Water--Changes and Problems," and "Ground Water Administration." Slides, films, special exhibits, and a special discussion on "Technical Problems" rounded out the program.

Consideration was given in these papers to the quantities and qualities of water required in industrial, municipal, recreational, and agricultural uses.

The conferences are open to every interested person and are designed to permit free and constructive consideration of how our New Mexico water resources can be conserved and developed. Milton Student Center on New Mexico State University campus has been the site of each of the past six conferences.

On the opposite page is given a list of those registered for the conference by general fields of interest. This listing reveals the extremely wide interest which is evident in the water problems in New Mexico and the Southwest. Although most of those attending were from New Mexico, the states of Arizona, Florida, Texas, Oklahoma, Colorado, Kansas, and California were represented.

The Water Conferences are sponsored by New Mexico State University through the Agricultural Experiment Station, Agricultural Extension Service, College of Agriculture, College of Engineering, and Cooperative Agencies of USDA-Agricultural Research Service, and Soil Conservation Service, with the cooperation of the Water Conference Advisory Committee and the New Mexico Department of Development.

The papers appearing in this publication are in the order in which they were presented. The program which follows this statement will serve as an index to the papers.



H. R. Stucky, Head
Department of Agricultural Economics
and General Chairman of New Mexico
Water Conference