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NEBRASKA WELL DRILLERS ASSOCIATION
GROUNDWATER SEMINAR
JANUARY 23-24, 1968

Sponsored by
CONSERVATION AND SURVEY DIVISION
of
THE UNIVERSITY OF NEBRASKA
at
THE NEBRASKA CENTER
33rd and Holdrege
Program of Seminar

TUESDAY, JANUARY 23, 1968

8:00 a.m. Registration

9:00 a.m. Welcome to seminar ................. Gerald R. Svoboda
Hydrologist, Conservation and Survey Division, University of Nebraska

9:10 a.m. Water is where you find it ....... Vincent H. Dreeszen
Acting Director, Conservation and Survey Division, University of Nebraska
Recognizing the presence of aquifers other than sands and gravels and their ability to transmit water to wells, and how to develop them.

10:15 a.m. Coffee break

10:45 a.m. Groundwater movement ....... Dr. Donald W. Edwards
Associate Professor of Agricultural Engineering, University of Nebraska
Movement of water under differing conditions illustrated by the use of models.

12:00 noon Lunch

1:00 p.m. Test drilling and its application .... Gerald R. Svoboda
Hydrologist, Conservation and Survey Division, University of Nebraska,
An outline of drilling techniques and applications and how they affect the drilling operations.

2:45 p.m. Coffee break

3:15 p.m. Well construction ............... Raymond L. Schreurs
Senior Geologist, UOP Johnson Division, St. Paul, Minnesota.
Methods of determining screen and slot size, the selection of type of casing, and the techniques of construction and development.

5:00 p.m. End of first day session

WEDNESDAY, JANUARY 24, 1968

8:00 a.m. Water, a dilute solution with concentrated problems; panel ............... Vernon L. Souders
Hydrologist, Conservation and Survey Division, University of Nebraska, Panel Moderator
A panel discussion examining some water quality problems, with emphasis on sampling, nitrates, iron, and iron bacteria.

9:45 a.m. Coffee break

10:15 a.m. Practical exercises in general geology and hydrology .................. Frank A. Smith
Hydrologist, Conservation and Survey Division, University of Nebraska.
Several tools available to the contractor to assist him in securing a good, safe water supply.

11:45 a.m. Lunch

1:00 p.m. Practical exercise continued.

2:30 p.m. Coffee break

2:45 p.m. Open discussion .......... Moderator, Gerald R. Svoboda
Hydrologist, Conservation and Survey Division, University of Nebraska.
Discussion of topics presented by the participants.

4:00 p.m. Summary of Seminar

5:00 p.m. End of seminar