Seventeenth Annual
WELL DRILLERS WORKSHOP
January 19-20, 1983

Nebraska Center for Continuing Education

Sponsored by
Conservation and Survey Division
Institute of Agriculture and Natural Resources
and
Division of Continuing Studies
University of Nebraska-Lincoln
WELL DRILLERS WORKSHOP PROGRAM

WEIDNLDAY, January 19, 1983

9:00 a.m. Registration and Coffee

10:00 Welcome and Introductions - Vincent H. Dreeszen

10:15 "Ground Water Sampling" - Techniques and Material Needed for Proper Sampling - Owen Goodenkauf

10:45 "Safety Engineering" - Robert Prichard

12:00 noon Luncheon

1:15 Selling Efficiency

"Problems of Irrigation Pumps and Drives" - Howard B. Hogan

1:50 "Matching Power Requirements to Pumping Units" - Leonard L. Bashford

2:30 Refreshment Break

2:45 Ground Water Heat Pumps

"Proficiency and Efficiency Pressure Systems" - Stan Makowski

"Size the Pump to the System" - Stan Makowski

4:15 "Taxability of Items in the Well Drilling Industry" - Karl F. Cochrane

5:00 Adjourn

THURSDAY, January 20, 1983

8:30 a.m. "The Dakota Aquifer, Geology - Area - Quality, An Overview, its Development Potential - Harold M. DeGrav, Dennis R. Lawton, and Bruce V. Hanson

9:30 "Long-Term Implication for Nitrates in Nebraska's Ground Water" - William L. Powers

10:00 Coffee Break

10:15 "Observation on the Operational Experience of Rural Water Systems" - Paul H. Gessaman

10:45 "Design of Water Wells Using Microcomputer" - T. Al Austin

11:15 "Legislative Report" - Stan Wilson

12:00 noon Adjourn

LIST OF SPEAKERS

T. Al Austin, Acting Director, Iowa State Water Resources Research Institute, Iowa State University

Leonard L. Bashford, Associate Professor, Agr. Eng., Institute of Agriculture & Natural Resources, UNL

Karl F. Cochrane, Manager, Tax Policy Division, Nebraska Department of Revenue

Harold M. DeGrav, Research Geologist, Conservation & Survey Division, Institute of Agriculture and Natural Resources, UNL

Vincent H. Dreeszen, Director, Conservation and Survey Division, Institute of Agriculture & Natural Resources, UNL

Paul H. Gessaman, Professor Agricultural Economics, Institute of Agriculture & Natural Resources, UNL

Owen Goodenkauf, Ground Water Geologist, Environmental Engineering, State Health Department

Bruce V. Hanson, Research Hydrogeologist, Conservation & Survey Division, Institute of Agriculture & Natural Resources, UNL

Dennis R. Lawton, Research Hydrogeologist, Conservation & Survey Division, Institute of Agriculture & Natural Resources, UNL

Howard E. Hogan, Manager of Pump Sales, Domestic & Canada, Western Land Roller Company, Hastings, Nebraska

Stan Makowski, Marketing Manager for Submersible Motors, Franklin Electric Company, Bluffton, Indiana

William L. Powers, Director, Water Resources Center, Institute of Agriculture & Natural Resources, UNL

Robert Prichard, Supervisor, Loss Prevention & Control Engineering, Royal Globe Insurance Company, Des Moines, Iowa

Stan Wilson, Executive Director, Nebraska Well Drillers Association, Lincoln, Nebraska