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NEBRASKA WELL DRILLERS ASSOCIATION

Thirteenth Annual

WELL DRILLERS WORKSHOP

JANUARY 17 & 18, 1979

Sponsored by the

CONSERVATION AND SURVEY DIVISION
INSTITUTE OF AGRICULTURE AND NATURAL RESOURCES
UNIVERSITY OF NEBRASKA

at

THE NEBRASKA CENTER
33rd and Holdrege
NEBRASKA WELL DRILLERS ASSOCIATION

Workshop Program

WEDNESDAY, JANUARY 17, 1979

9:00 a.m.  Registration and Coffee
10:00 a.m.  Opening of Sessions ............... Gerald R. Svoboda
10:10 a.m.  Welcome .......................... Vincent H. Dreeszen
10:20 a.m.  Solar-Assisted Heat Pumps—Theory and Practice ................. Robert Youngberg

11:45 a.m.  Lunch
1:15 p.m.  Heat Pumps and Wells—Industry's View .... Doug Bacon
2:00 p.m.  Design and Development for Water Injection Well .................. Al Smith
3:00 p.m.  Groundwater Protection Standards and Deep Well Injection Regulations ... Clark Haberman & Bob Wall
3:45 p.m.  Panel Discussion: Heat Pump Wells—Application and Constraints ......... Moderator, Gerald R. Svoboda
Doug Bacon  Al Smith
Adrian Dirkschneider  Norris Swanson
Don Lees  Bob Wall
Kent Thompson

4:30 p.m.  End of First-Day Session

THURSDAY, JANUARY 18, 1979

9:00 a.m.  A Matter of Life or Death .......... Rollin D. Schnieder
10:00 a.m.  Achieving Accurate Water Measurements with Propeller Meters ............... Mel Noffke
11:00 a.m.  Water Sampling Techniques ............. Steve Masters
11:45 a.m.  Adjourn

PROGRAM PARTICIPANTS

Doug Bacon, Research Associate, National Water Well Association, Worthington, Ohio
Adrian Dirkschneider, Wagner Well Co., Dodge, Nebraska
Vincent H. Dreeszen, Director, Conservation & Survey Division, Institute of Agriculture & Natural Resources, UNL
Clark Haberman, Chief, Water Quality Section, Nebraska Department of Environmental Control, Lincoln, Nebraska
Don Lees, Manager, Layne Western Co., Omaha, Nebraska
Steve Masters, Engineer, Division of Environmental Engineering, Nebraska State Department of Health, Lincoln, Nebraska
Mel Noffke, Plains Area Manager, McCrometer/Division of Ametek Corp., Aurora, Nebraska
Rollin D. Schneider, Professor of Agricultural Engineering, Institute of Agriculture & Natural Resources, UNL
Al Smith, Engineer, Technical Services, Johnson Division, Universal Oil Products Co., St. Paul, Minnesota
Norris P. Swanson, Associate Professor, Agricultural Engineering (U.S.D.A.), Institute of Agriculture & Natural Resources, UNL
Gerald R. Svoboda, Research Geologist, Conservation & Survey Division, Institute of Agriculture & Natural Resources, UNL
Kent Thompson, Haggard Drilling Co., Grant, Nebraska
Bob Wall, Chief, Water Division, Nebraska Department of Environmental Control, Lincoln, Nebraska
Robert Youngberg, Director, Nebraska State Solar Office, UNL