Nineteenth Annual

WELL DRILLERS WORKSHOP

January 16-17, 1985

Nebraska Center for Continuing Education

Sponsored by

Conservation and Survey Division
Institute of Agriculture and Natural Resources
University of Nebraska-Lincoln
WELL DRILLERS WORKSHOP

Moderator: Dennis R. Lawton
Wednesday, January 16, 1985

9:00 a.m.  Registration and coffee
10:00    Welcome - V. H. Dreeszen
10:15    Monitoring Wells - Role of the Water Well Driller
         General Aspects of Monitoring Wells - Roy Elliott
         Requirements for Integrity of Chemical Analyses - Roy Spalding
         Nebraska Guidelines for Design and Construction of Water Quality Monitoring Wells - Jon Atkinson
         Panel Discussion
11:45    Lunch
1:00 p.m. Well Maintenance and Rehabilitation
         Identifying the Problem; Encrustation and Iron Bacteria - David Hanson
         Corrosion of Wells and Pumps - Ray McLeod
2:30     Salt-Water Contamination in Southwest Nebraska - Paul Roberts
2:45     Coffee Break
3:00     Abandonment and Plugging of Wells and Test Holes - Paul Roberts
4:00     O'Neill Alternative - Recharge Well and Gallery Collection System Designs - Lee Becker

Thursday, January 17, 1985

8:15 a.m.  Heat Pump Update - Darrel Jensen
9:00      Rules and Regulations for Construction of Private Wells
         Background - Jerry Kral
         Panel Discussion
10:00     Coffee Break
10:15     Licensing of Well Drillers - Proposed Legislation - Jack Daniel
10:45     Nebraska Groundwater Protection Strategy - Jim Krueger
11:15     Highway Use Tax - Lee Orton
11:45     Evaluation and Discussion
12:00 noon  Adjourn

SPEAKERS

Jon Atkinson, Hydrogeologist, Nebraska Department of Environmental Control, Lincoln, Nebraska
Lee Becker, State Hydrologist, Nebraska Department of Water Resources, Lincoln, Nebraska
Jack Daniel, Director, Division of Housing and Environmental Health, Nebraska Department of Health, Lincoln, Nebraska
Vince Dreeszen, Director, Conservation and Survey Division, Institute of Agriculture and Natural Resources, UNL
Roy Elliott, Hydrogeologist, Hoskins-Western-Sonderegger, Inc., (825 J), Lincoln, Nebraska (68508)
David Hanson, Technical Field Representative, Johnson Division, UOP Inc., (Box 64188), Minneapolis, Minnesota (55164)
Darrel Jensen, Jensen Well Co., Inc., (1947 Park St.), Blair, Nebraska (68008)
Jerry Kral, Program Coordinator for Private Water and Sewage, Division of Housing and Environmental Health, Lincoln, Nebraska
Jim Krueger, Program Planning Section, Nebraska Department of Environmental Control, Lincoln, Nebraska
Dennis Lawton, Hydrogeologist, Conservation and Survey Division, Institute of Agriculture and Natural Resources, UNL
Ray McLeod, Registered Corrosion Engineer, National Association of Corrosion Engineers, (4000 So. 56th St., Unit 244B), Lincoln, Nebraska (68506)
Lee Orton, Executive Director, Nebraska Well Drillers Association, Lincoln, Nebraska (68508)
Paul Roberts, Director, Nebraska Oil and Gas Conservation Commission, (P.O. Box 399), Sidney, Nebraska (69162)
Roy Spalding, Hydrochemist, Conservation and Survey Division, Institute of Agriculture and Natural Resources, UNL