

GEO-HEAT CENTER QUARTERLY BULLETIN

ISSN 0276-1084

A Quarterly Progress and Development Report
on the Direct Utilization of Geothermal Resources

CONTENTS

Page

An Information Survival Kit for the Prospective Residential Geothermal Heat Pump Owner

1

Kevin Rafferty
Geo-Heat Center

Well Pumping Issues in Commercial Groundwater Heat Pump Systems

12

Kevin Rafferty
Geo-Heat Center

Reno Industrial Park Geothermal District Heating System

17

Paul J. Lienau
Geo-Heat Center

Geothermal Pipeline

20

Progress and Development Update
From the Geothermal Progress
Monitor

Cover: Geothermal heat pump technology.

PUBLISHED BY

GEO-HEAT CENTER
Oregon Institute of Technology
3201 Campus Drive
Klamath Falls, OR 97601
Phone: 541-885-1750
Email: geoheat@oit.edu

All articles for the Bulletin are solicited. If you wish to contribute a paper, please contact the editor at the above address.

EDITOR

Paul J. Lienau and John W. Lund
Typesetting and Layout – Donna Gibson

WEBSITE <http://www.oit.edu/~geoheat>

FUNDING

The Bulletin is provided compliments of the Geo-Heat Center. This material was prepared with the support of the U.S. Department of Energy (DOE Grant No. DE-FG07-90ID13040). However, any opinions, findings, conclusions, or recommendations expressed herein are those of the authors(s) and do not necessarily reflect the view of USDOE.

SUBSCRIPTIONS

The Bulletin is mailed free of charge. Please send your name and address to the Geo-Heat Center for addition to the mailing list.

If you wish to change your bulletin subscription, please complete the form below and return it to the Center.

Name _____

Address _____

_____ Zip _____

Country _____