

GEO-HEAT CENTER QUARTERLY BULLETIN

ISSN 0276-1084

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

CONTENTS

Page

South Dakota Geothermal Resources

1

John W. Lund
Geo-Heat Center

Hot Springs, South Dakota

6

John W. Lund
Geo-Heat Center

Description and Operation Haakon School Geothermal Heat Systems

12

Childs, Kirol, Sanders, McLatchy
EG&G Idaho, Inc.
U.S. Department of Energy

Philip, South Dakota Geothermal District Heating System

16

John W. Lund
Geo-Heat Center

Midland, South Dakota Geothermal District Heating

20

John W. Lund
Geo-Heat Center

Geothermal Heat Pumps in Pierre

24

Steve Wegman
South Dakota Public Utilities
Commission

St. Mary's Hospital, Pierre

26

Steve Wegman
South Dakota Public Utilities
Commission

Geothermal Pipeline

28

Progress and Development Update
From the Geothermal Progress
Monitor

Cover: Top left to bottom right –
Philip, gas well in Pierre, Hot springs
and Midland.

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

John W. Lund
Typesetting/Layout – Donna Gibson
Graphics – Tonya "Toni" Boyd

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 _____