

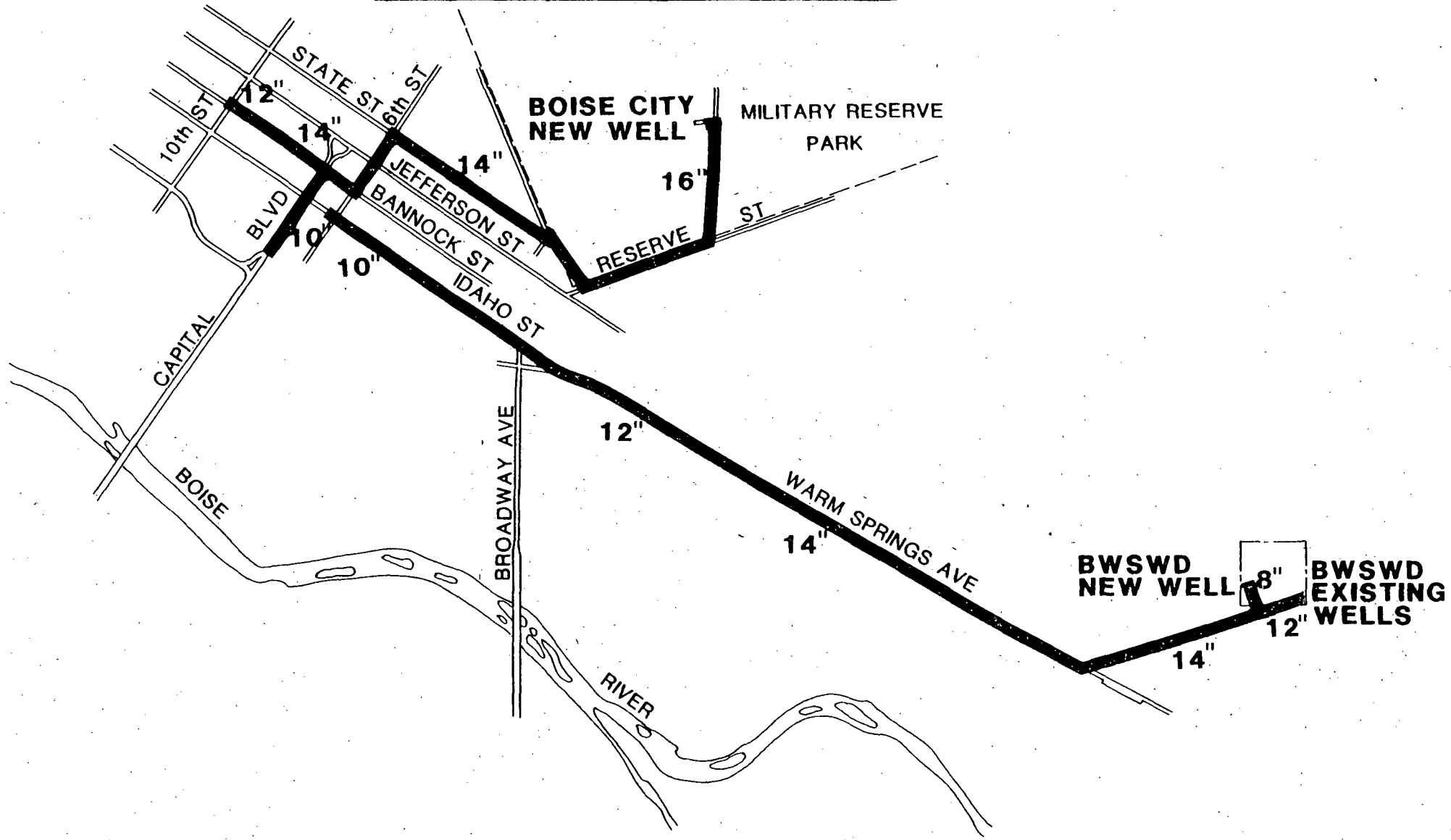
GLO2518

June 1980

BOISE GEOTHERMAL'S TENTATIVE SCHEDULE

- Well siting, geological survey/data analysis, disposal alternatives, environmental report, preliminary engineering design report and institutional/financial report will be completed this year. (1980)
- Legal studies will be an on-going function with research on ordinances, resource royalty agreements, leases, resource pooling, unitization agreements, local improvements districts and many others.
- Drilling the Boise City production and injection wells 1 & 2 and Boise Warm Springs Water District production well 3 will be accomplished, as well as laying pipeline for both systems, during the duration of the project.
- Boise City Hall and the Ada County Administration building will be retrofitted to utilize geothermal heat. Also, the Boise City downtown mall will be provided with the hot water.

BOISE GEOTHERMAL DISTRICT HEATING SYSTEM



CONTACT:

Lee Post, Information Director.
BOISE GEOTHERMAL
649 W. Idaho Street
Boise, Idaho 83701
(208) 384-4013

June 1980

PRINCIPLES

BOISE GEOTHERMAL

- . . . a joint program between the City of Boise and Boise Warm Springs Water District to refurbish and expand the existing system for the district and a complete new system for the City of Boise.

Phillip J. Hanson, DIRECTOR

BOISE GEOTHERMAL BOARD

- . . . the final decision makers consist of the Boise City Council Members including the Mayor and the Boise Warm Springs Water District directors.

BOISE GEOTHERMAL EXECUTIVE COMMITTEE

- . . . decision makers for Boise Geothermal and representatives of the Executive Committee.

Ralph J. McAdams, CHAIRMAN
Dorothy L. Mott, VICE-CHAIRMAN
Harold T. "Buck" Jones
Glenn E. Selander

U.S. DEPARTMENT OF ENERGY
Division of Geothermal Energy
Idaho Operations Office
550 Second Street
Idaho Falls, Idaho 83401

- . . . source of cost-sharing funds for initial development of the Boise Geothermal's project, funded by DOE's Division of Geothermal Energy and administered by DOE/Idaho Operations Office, Idaho Falls, Idaho.

Mike Tucker, PROJECT MANAGER

CH2M HILL, Consultants
P.O. Box 8748
Boise, Idaho 83707
(208) 345-5310

. . . a professional consulting firm headquartered in Corvallis, Oregon, with offices located throughout the United States and overseas. The Boise office provides services in engineering, planning, and environmental studies to Boise Geothermal.

Nathan Little, PROGRAM MANAGER

E G & G, Inc.
P.O. Box 1625
Idaho Falls, Idaho 83401

. . . the Department of Energy operating contractor providing technical and management assistance as requested by the United States Department of Energy/Idaho.

Lynn Nelson, TECHNICAL REPRESENTATIVE

JUNE 1980

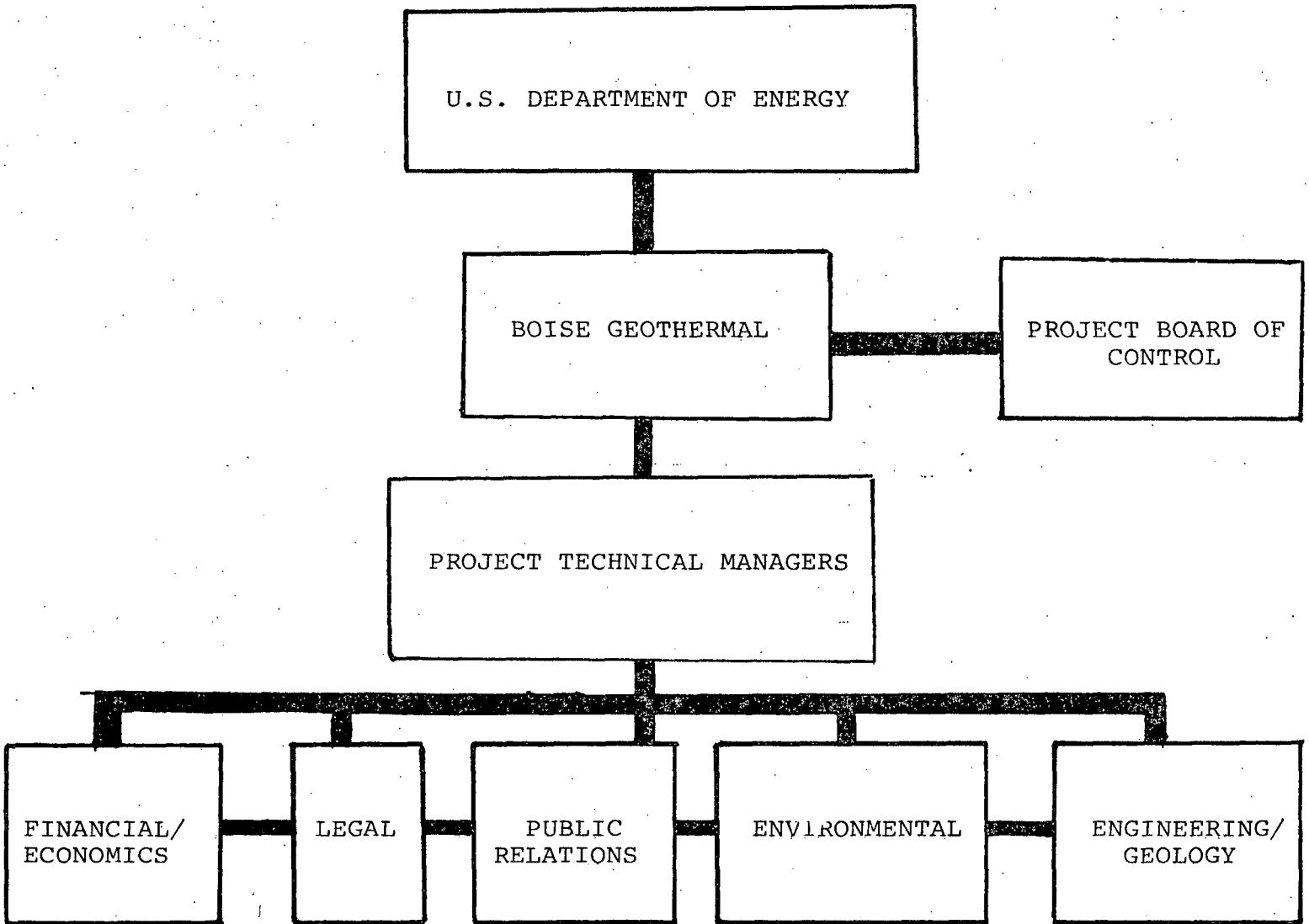
PROJECT ORGANIZATION CHART

FOR

CITY OF BOISE

AND

BOISE WARM SPRINGS WATER DISTRICT



June 1980

EVENTS

- 1890 Two hot water wells drilled northeast of Boise City, 400 feet, 170°F.
- 1891 Owners of the wells transferred them to the Artesian Hot and Cold Water Company, which later became the Natatorium Company. The Natatorium was built to serve the community as a recreational center and health spa.
- 1930 The two hot wells heated 400 homes and businesses.
- 1940 The Natatorium Company was purchased by the General Water Works, owners of Boise Water Corporation.
- 1950 Many customers using the hot water converted to fossil fuels.
- 1974 The Natatorium Company was transferred to the newly formed Boise Warm Springs Water District by the General Water Works.
- 1975 The State of Idaho through cooperation with Boise State University and the Idaho National Engineering Laboratory drilled geothermal exploratory wells to study the possibilities of heating various state buildings.
- 1976 Mayor Richard R. Eardley opened the Boise Energy Office to investigate geothermal energy for space heating in Boise City.
- Boise Energy Office receives funds of \$71,502 from the U.S. Energy Research and Development Administration to develop the Preliminary Boise Geothermal Energy Systems Plan.
- 1977 State of Idaho retrofitted the State Health Laboratory to geothermal energy supplied from the Boise Warm Springs Water District wells.
- Boise Energy Office received \$141,848 from the U.S. Department of Energy to develop Boise Geothermal Energy Systems Plan.
- Boise Redevelopment Agency voices interest in utilizing geothermal in the downtown mall.
- 1978 The U.S. Department of Energy Program Opportunity Notice is submitted by the City of Boise and Boise Warm Springs Water District for \$15.3 million cost shared proposal.
- National legislation was passed for giving subsurface rights to the City of Boise on Military Reserve Park.
- 1979 Boise's proposal to the U.S. Department of Energy Program Opportunity Notice Program is approved for \$4.9 million.
- The City of Boise and Boise Warm Springs Water District formulates a legal working relationship in the form of a resolution to open the Boise Geothermal office to implement the geothermal program for both entities.

1979

City of Boise water applications are approved by Idaho Water Resource Administration.

The U.S. Economic Development Administration application is approved for \$500,000 to the City of Boise.

Boise Geothermal began the environmental report, geology data review, program planning, market/rate study, and legal research studies on ordinances, resource royalty agreements, leases, resource pooling, unitization agreements, and local improvement districts.

Continuation of seeking funds from private and public sources to complete system.

1980

State of Idaho files for water rights and drills well near the Capitol building to service state buildings.

Boise Geothermal negotiates with the Department of Energy/Idaho for a new contract.

Completed the environmental report, geology data review, preliminary engineering design report, and the market/rate studies.

Began negotiations with the downtown building owners.

Boise Geothermal completes negotiations to obtain subsurface rights on Military Reserve Park.

June 1980

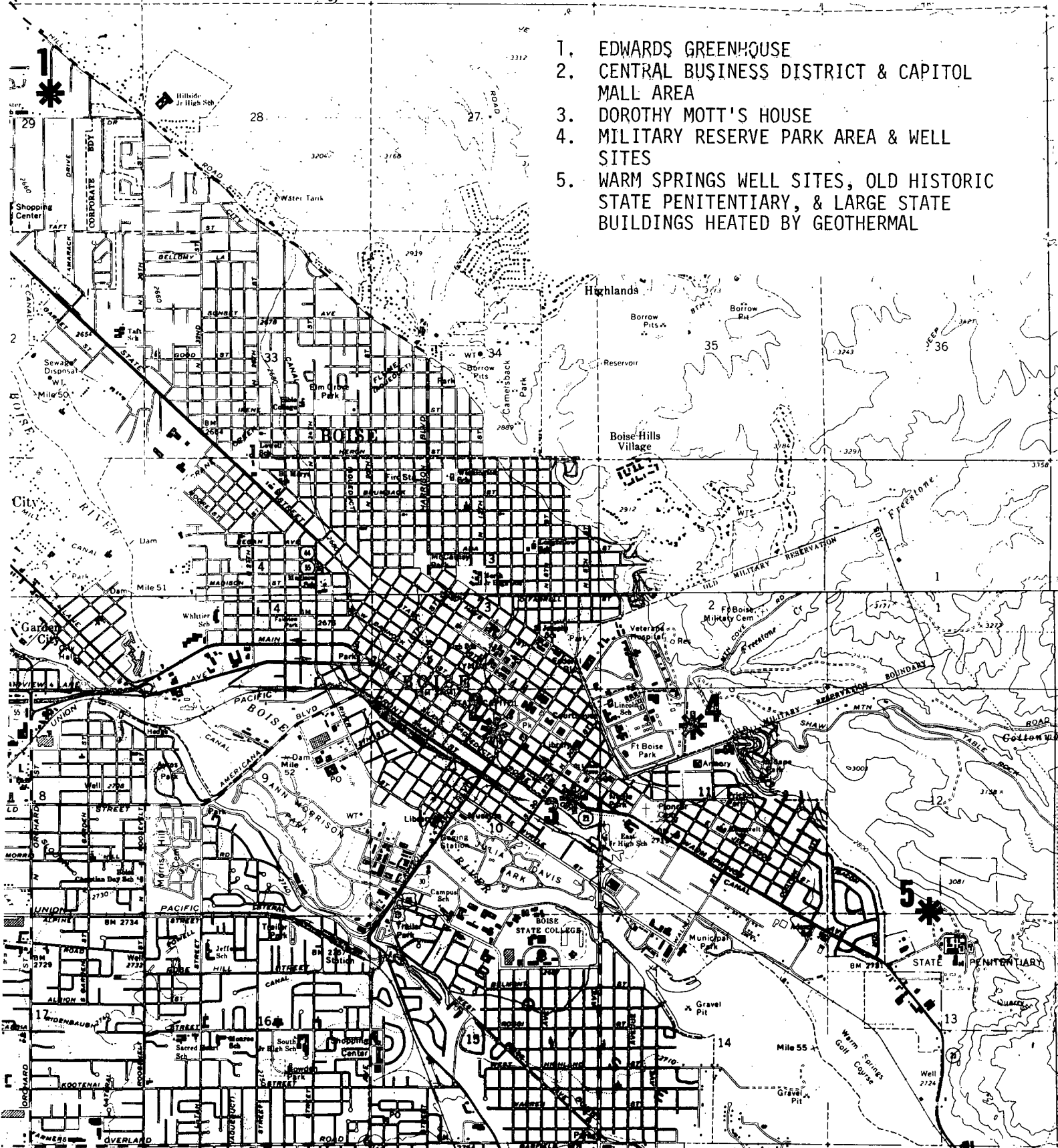
TOUR SCHEDULE

12:30	Leave the Red Lion
12:40 - 2:15	Lunch - Wilson-Mott House (Tentative)
2:20 - 3:00	State Health Laboratory
3:05 - 3:30	Boise Warm Springs Water District Wells
3:40 - 4:05	Military Reserve Park
4:10 - 4:30	Downtown Boise
4:45 - 5:30	Edwards Greenhouse
5:45 - 6:00	Arrive Red Lion
6:00	Hosted Reception

Boise Geothermal

P.O. Box 500 Boise, Id. 83701

1. EDWARDS GREENHOUSE
2. CENTRAL BUSINESS DISTRICT & CAPITOL MALL AREA
3. DOROTHY MOTT'S HOUSE
4. MILITARY RESERVE PARK AREA & WELL SITES
5. WARM SPRINGS WELL SITES, OLD HISTORIC STATE PENITENTIARY, & LARGE STATE BUILDINGS HEATED BY GEOTHERMAL



A Joint Geothermal Energy Project of Boise City and Boise Warm Springs Water District